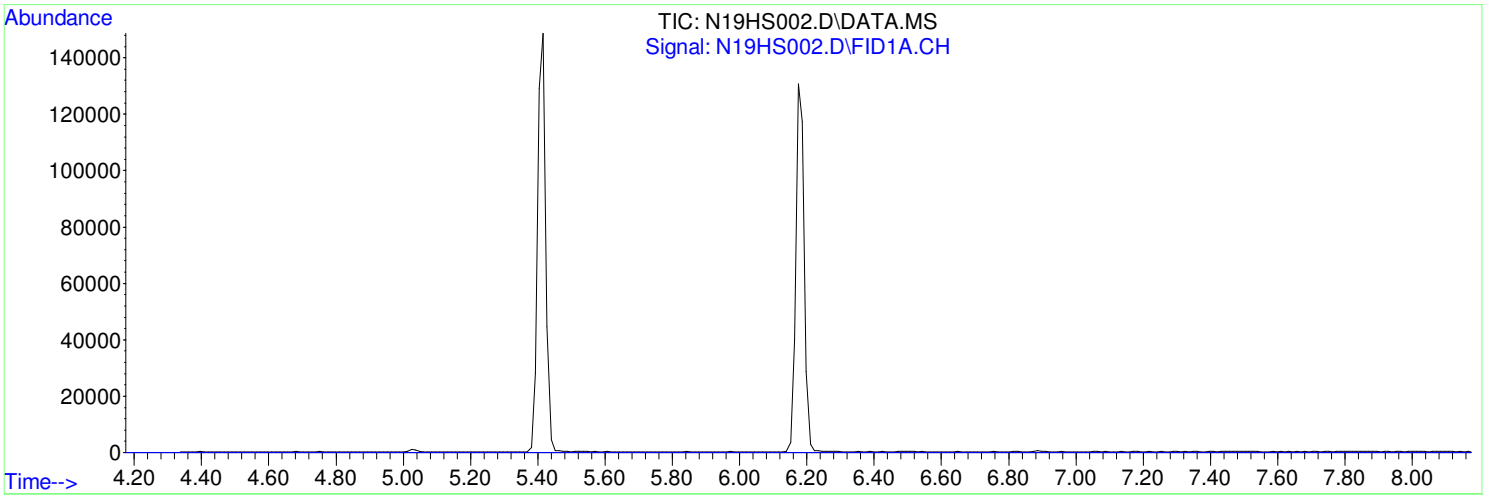
Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS002.D
Acq On : 19 Aug 2019 11:51 am (#1); 19 Aug 2019 11:47 am (#2)
Operator : KSS
Sample : BFB_2
Misc : 80ML 8L13001, (Sig #1); (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: RTEINT.P
Integration File signal 2: rteint2.p

Method : Y:\MASS SPEC 4 DATA\METHODS MS4\9080002_CP.M
Title : TO-15 by Selective Ion Analysis
Last Update : Fri Aug 16 09:52:54 2019



Spectrum Information: Scan 156

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.8	4252	PASS
75	95	30	66	50.6	12802	PASS
95	95	100	100	100.0	25296	PASS
96	95	5	9	6.6	1669	PASS
173	174	0.00	2	0.5	127	PASS
174	95	50	120	101.0	25560	PASS
175	174	4	9	7.6	1935	PASS
176	174	93	101	96.8	24744	PASS
177	176	5	9	7.0	1737	PASS

Compound Name			IS-Hexane-d14	IS-Hexane-d14	IS-1,4-Difluorobenzene	IS-1,4-Difluorobenzene	IS-Chlorobenzene-d5	IS-Chlorobenzene-d5
Labels	Date Acquired	Data File Name	(# 1) Target Response	(# 1) Ret Time	(# 3) Target Response	(# 3) Ret Time	(# 4) Target Response	(# 4) Ret Time
	8/20/2019 1:34	N19HS015.D	57511	18.28	148536	21.50	133881	28.60
Format 1 (Yes/No)								
Format 1 Title								
Format 2 (Yes/No)			YES	YES	YES	YES	YES	YES
Format 2 Title								
Show X Axis Title			YES	YES	YES	YES	YES	YES
Show Y Axis Title								
Lines To Chart								

Start of Data	Format 1 X-axis	Format 2 X-axis	**IS-Hexane-d14**	**% Rec**	**RT**	**DEV (min)**	**IS-Difluorobenzene**	**% Rec**	**RT**	**DEV (min)**	**IS-Chlorobenzene-d5**	**% Rec**	**RT**	**DEV (min)**
		IS AVG / AVG RT	**56198**		**18.28**		**163218**		**21.5**		**143220**		**28.6**	
	8/19/2019 12:31	N19HS003.D	44123	**79**	18.26	**-0.02**	139335	**85**	21.49	**-0.01**	106509	**74**	28.58	**-0.02**
	8/19/2019 15:58	N19HS006.D	52570	**94**	18.27	**-0.01**	142578	**87**	21.50	**0**	127215	**89**	28.59	**-0.01**
	8/19/2019 17:02	N19HS007.D	52558	**94**	18.28	**0**	141902	**87**	21.50	**0**	133659	**93**	28.59	**-0.01**
	8/19/2019 18:06	N19HS008.D	53571	**95**	18.28	**0**	142795	**87**	21.50	**0**	132368	**92**	28.60	**0**
	8/19/2019 19:11	N19HS009.D	54846	**98**	18.28	**0**	145033	**89**	21.50	**0**	134051	**94**	28.60	**0**
	8/19/2019 20:14	N19HS010.D	54957	**98**	18.28	**0**	145506	**89**	21.50	**0**	133458	**93**	28.59	**-0.01**
	8/19/2019 21:18	N19HS011.D	56433	**100**	18.28	**0**	147042	**90**	21.50	**0**	136115	**95**	28.60	**0**
	8/19/2019 22:22	N19HS012.D	57108	**102**	18.28	**0**	149207	**91**	21.50	**0**	137364	**96**	28.59	**-0.01**
	8/19/2019 23:26	N19HS013.D	56196	**100**	18.28	**0**	149102	**91**	21.50	**0**	136340	**95**	28.60	**0**
	8/20/2019 12:30	N19HS014.D	56277	**100**	18.28	**0**	148281	**91**	21.50	**0**	132103	**92**	28.60	**0**
	8/20/2019 1:34	N19HS015.D	57511	**102**	18.28	**0**	148536	**91**	21.50	**0**	133881	**93**	28.60	**0**

GC/MS QA-QC Check Report

Tune File : C:\msdchem\1\DATA\N19HS\N19HS002.D
Tune Time : 19 Aug 2019 11:51 am

9080002	Avg Area	56198	163218	143220
	+40%	78677	228505	200508
	-40%	33719	97931	85932

File	Sample	Internal Standard Responses		
N19HS003.D				
	1908052-CCV1	44123	139335	106509
N19HS006.D				
	B9H1909-BLK1	52570	142578	127215
N19HS007.D				
	9081943-01	52558	141902	133659
N19HS008.D				
	9081943-02	53571	142795	132368
N19HS009.D				
	B9H1909-DUP1	54846	145033	134051
N19HS010.D				
	9081943-03	54957	145506	133458
N19HS011.D				
	B9H1909-DUP2	56433	147042	136115
N19HS012.D				
	9081943-04	57108	149207	137364
N19HS013.D				
	9081943-05	56196	149102	136340
N19HS014.D				
	9081943-06	56277	148281	132103
N19HS015.D				
	9081943-07	57511	148536	133881

(fails) - fails 24hr time check * - fails criteria

Created: Tue Aug 20 08:26:46 2019 MSD_4

PREPARATION BENCH SHEET

B9H1909

Eastern Research Group

rinted: 8/30/2019 12:08:32PM

Matrix: Air **Prepared using: Air Toxics - Summa Canister Prep** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (ml)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
9081943-01	TO-15 2019_Chloropre	08/15/19 14:59	250	250					onmental Protection Agenc	
9081943-02	TO-15 2019_Chloropre	08/15/19 14:56	250	250					onmental Protection Agenc	
9081943-03	TO-15 2019_Chloropre	08/15/19 14:56	250	250					onmental Protection Agenc	
9081943-04	TO-15 2019_Chloropre	08/15/19 14:35	250	250					onmental Protection Agenc	
9081943-05	TO-15 2019_Chloropre	08/15/19 14:39	250	250					onmental Protection Agenc	
9081943-06	TO-15 2019_Chloropre	08/15/19 14:52	250	250					onmental Protection Agenc	
9081943-07	TO-15 2019_Chloropre	08/15/19 15:02	250	250					onmental Protection Agenc	
B9H1909-BLK1	QC	08/19/19 15:26	250	250						
B9H1909-DUP1	QC	08/15/19 14:56	250	250		9081943-02				
B9H1909-DUP2	QC	08/15/19 14:56	250	250		9081943-03				

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Analytical Standard Record
Eastern Research Group
9H12009

Description:	2.50 ppbv ICV/CCV	Expires:	09/11/19
Standard Type:	Calibration Stan	Prepared:	08/12/19
Solvent:	Scientific Air	Prepared By:	Kameron Singer
Final Volume (mls):	6000	Department:	Air Toxics
Vials:	1	Last Edit:	08/12/19 12:11 by KSS

canister# 3218

Analyte	CAS Number	Concentration	Units
Acrolein	107-02-8	0.00242	ppmv
cis-1,2-Dichloroethylene	156-59-2	0.0025	ppmv
Chloroprene	126-99-8	0.00248	ppmv
Chloromethane	74-87-3	0.00248	ppmv
Chloroform	67-66-3	0.0025	ppmv
Chloroethane	75-00-3	0.0025	ppmv
Chlorobenzene	108-90-7	0.00246	ppmv
Carbon Tetrachloride	56-23-5	0.00252	ppmv
Carbon Disulfide	75-15-0	0.00248	ppmv
Bromomethane	74-83-9	0.0025	ppmv
Bromoform	75-25-2	0.00254	ppmv
Bromodichloromethane	75-27-4	0.00256	ppmv
Bromochloromethane	74-97-5	0.00247	ppmv
1,1,1-Trichloroethane	71-55-6	0.00247	ppmv
Acrylonitrile	107-13-1	0.0025	ppmv
Dichlorodifluoromethane	75-71-8	0.00238	ppmv
Acetylene	74-86-2	0.0024	ppmv
Acetonitrile	75-05-8	0.00253	ppmv
1,3-Butadiene	106-99-0	0.00247	ppmv
1,3,5-Trimethylbenzene	108-67-8	0.00252	ppmv
1,2-Dichloropropane	78-87-5	0.00253	ppmv
1,2-Dichloroethane	107-06-2	0.00249	ppmv
1,2-Dibromoethane	106-93-4	0.0025	ppmv
1,2,4-Trimethylbenzene	95-63-6	0.00238	ppmv
1,2,4-Trichlorobenzene	120-82-1	0.00248	ppmv
1,1-Dichloroethene	75-35-4	0.00244	ppmv
1,1-Dichloroethane	75-34-3	0.00243	ppmv
1,1,2-Trichloroethane	79-00-5	0.00248	ppmv
1,1,2,2-Tetrachloroethane	79-34-5	0.00253	ppmv
Benzene	71-43-2	0.00251	ppmv

Reviewed By Date

Analytical Standard Record

Eastern Research Group

9H12009

Naphthalene	91-20-3	0.00246	ppmv
Trichlorotrifluoroethane	76-13-1	0.00244	ppmv
Trichlorofluoromethane	75-69-4	0.0025	ppmv
Trichloroethylene	79-01-6	0.00252	ppmv
trans-1,3-Dichloropropene	10061-02-6	0.00246	ppmv
trans-1,2-Dichloroethylene	156-60-5	0.00246	ppmv
Toluene	108-88-3	0.00244	ppmv
Tetrachloroethylene	127-18-4	0.00249	ppmv
tert-Amyl Methyl Ether	994-05-8	0.0026	ppmv
Styrene	100-42-5	0.0025	ppmv
Propylene	115-07-1	0.00245	ppmv
p-Dichlorobenzene	106-46-7	0.00261	ppmv
o-Xylene	95-47-6	0.00244	ppmv
o-Dichlorobenzene	95-50-1	0.0025	ppmv
cis-1,3-Dichloropropene	10061-01-5	0.00254	ppmv
Hexachloro-1,3-butadiene	87-68-3	0.0025	ppmv
Vinyl chloride	75-01-4	0.0025	ppmv
Dichloromethane	75-09-2	0.00248	ppmv
Dichlorotetrafluoroethane	76-14-2	0.00244	ppmv
Ethyl Acrylate	140-88-5	0.00254	ppmv
Ethyl tert-Butyl Ether	637-92-3	0.00257	ppmv
n-Octane	111-65-9	0.00252	ppmv
Ethylene oxide	75-21-8	0.0025	ppmv
n-Hexane	110-54-3	0.0025	ppmv
m,p-Xylene	108-38-3, 106-42-3	0.00498	ppmv
m-Dichlorobenzene	541-73-1	0.0024	ppmv
Methyl Isobutyl Ketone	108-10-1	0.00253	ppmv
Methyl Methacrylate	80-62-6	0.00254	ppmv
Methyl tert-Butyl Ether	1634-04-4	0.00254	ppmv
Dibromochloromethane	124-48-1	0.00254	ppmv
Ethylbenzene	100-41-4	0.0025	ppmv

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
8J25001	TO-15 Secondary Stock Standard	10/25/18	** Vendor **	10/04/19	11/20/18 11:30 by RMB	30
9G18011	Ethylene Oxide Secondary Stock S	07/16/19	Mitch Howell	07/16/20	07/18/19 17:21 by MH	15

Reviewed By Date

Evaluate Continuing Calibration Report

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS003.D
Acq On : 19 Aug 2019 12:31 pm
Operator : KSS
Sample : 1908052-CCV1
Misc : 80ML 8L13001, 9H12009
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 20 08:23:46 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 500%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IS	IS-Hexane-d14	1.000	1.000	0.0	100	0.00
2	CT	Chloroprene	0.622	0.673	-8.2	100	0.00
3	IS	IS-1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
4	IS	IS-Chlorobenzene-d5	1.000	1.000	0.0	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS003.D
Acq On : 19 Aug 2019 12:31 pm
Operator : KSS
Sample : 1908052-CCV1
Misc : 80ML 8L13001, 9H12009
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 20 08:23:46 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.256	66	44123	4.7700 ppbv	-0.03
3) IS-1,4-Difluorobenzene	21.487	114	139335	4.9900 ppbv	-0.03
4) IS-Chlorobenzene-d5	28.583	117	106509	4.7400 ppbv	-0.03

System Monitoring Compounds

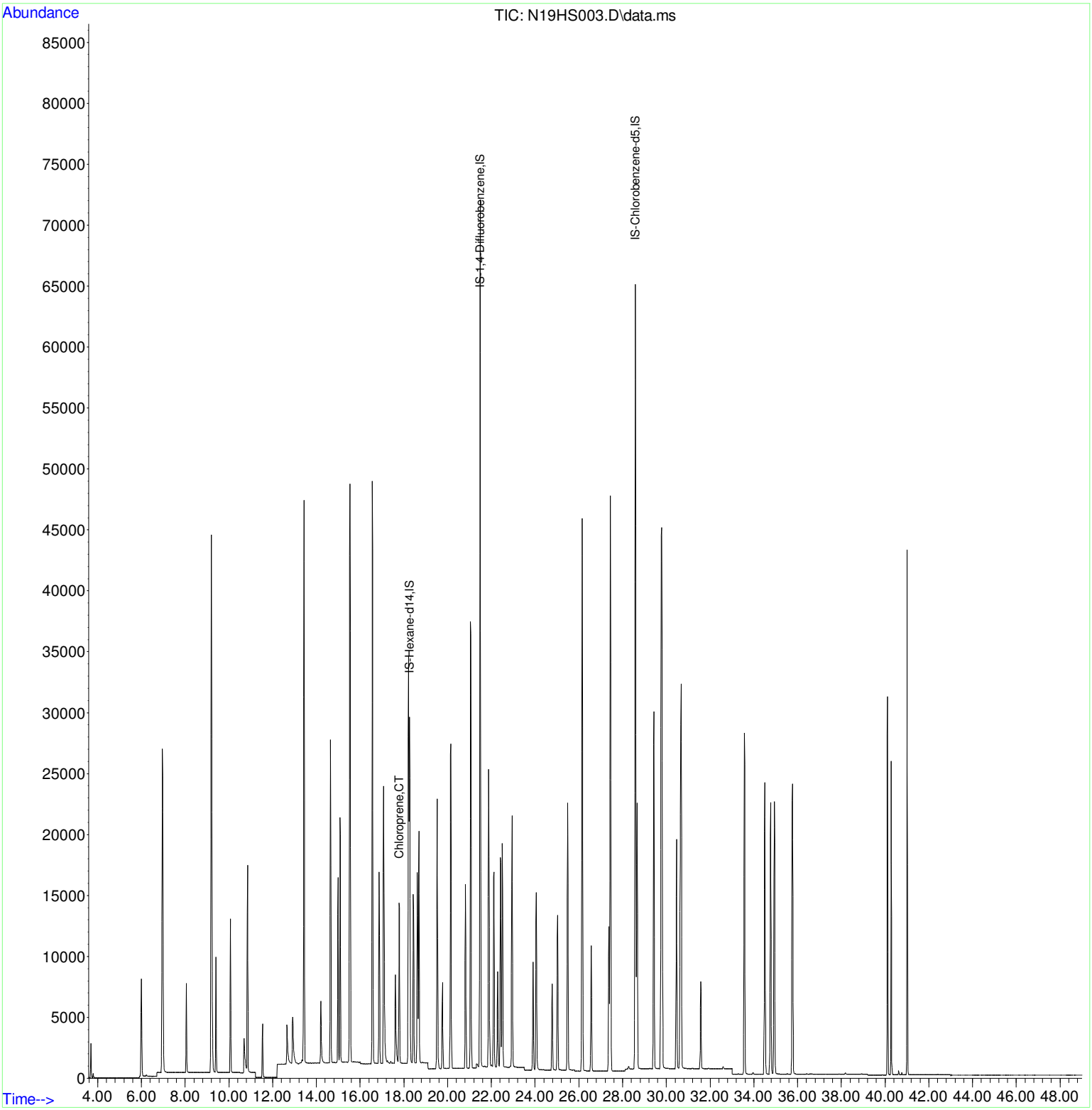
Target Compounds					Qvalue
2) Chloroprene	17.779	53	15437	2.6816 ppbv	94

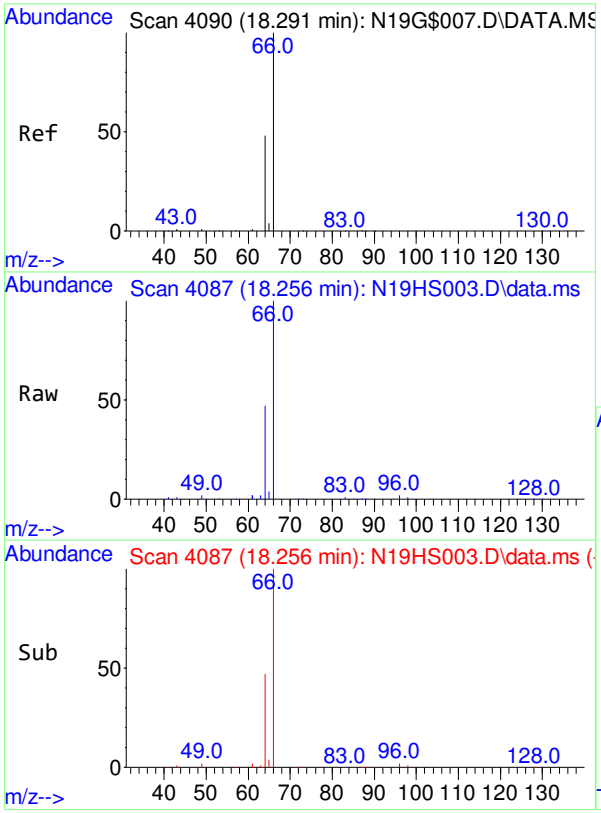
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS003.D
Acq On : 19 Aug 2019 12:31 pm
Operator : KSS
Sample : 1908052-CCV1
Misc : 80ML 8L13001, 9H12009
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 20 08:23:46 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

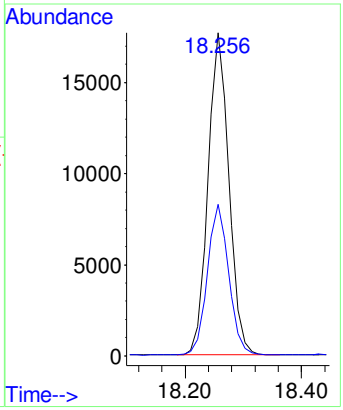


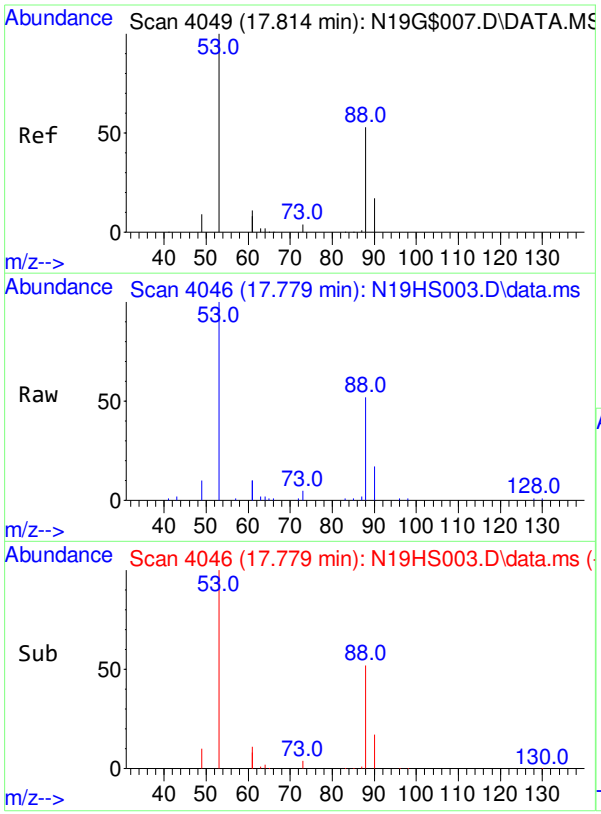


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.256 min Scan# 4087
Delta R.T. -0.035 min
Lab File: N19HS003.D
Acq: 19 Aug 2019 12:31 pm

Tgt Ion: 66 Resp: 44123

Ion	Ratio	Lower	Upper
66	100		
64	47.9	35.3	65.5

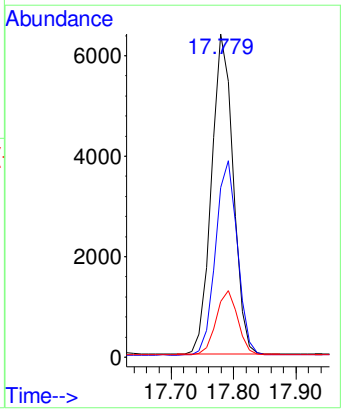


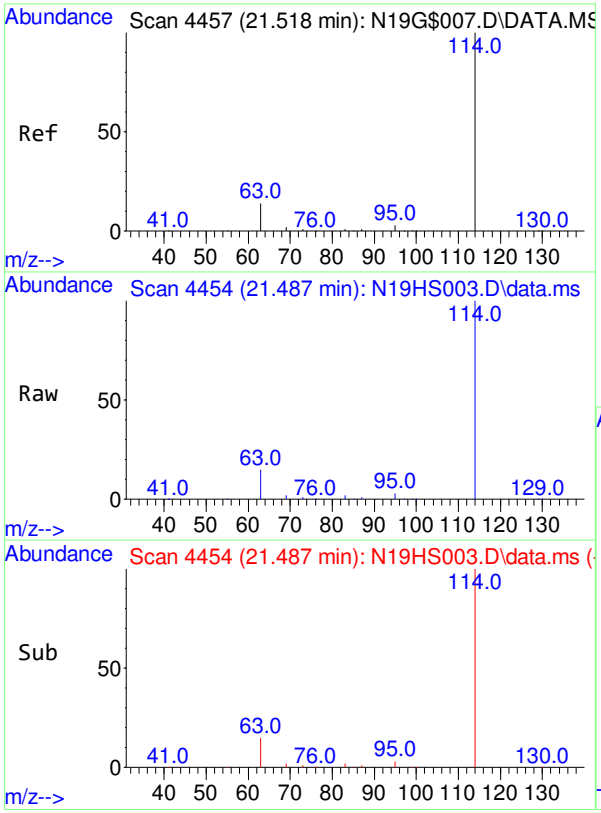


#2
Chloroprene
Concen: 2.682 ppbv
RT: 17.779 min Scan# 4046
Delta R.T. -0.035 min
Lab File: N19HS003.D
Acq: 19 Aug 2019 12:31 pm

Tgt Ion: 53 Resp: 15437

Ion	Ratio	Lower	Upper
53	100		
88	61.0	45.1	67.7
90	19.9	14.5	21.7

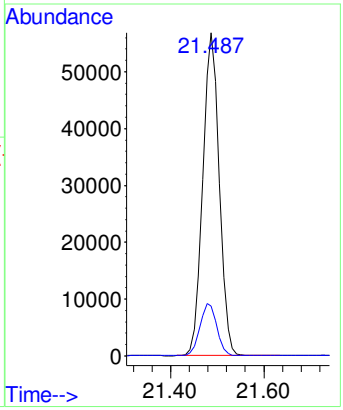


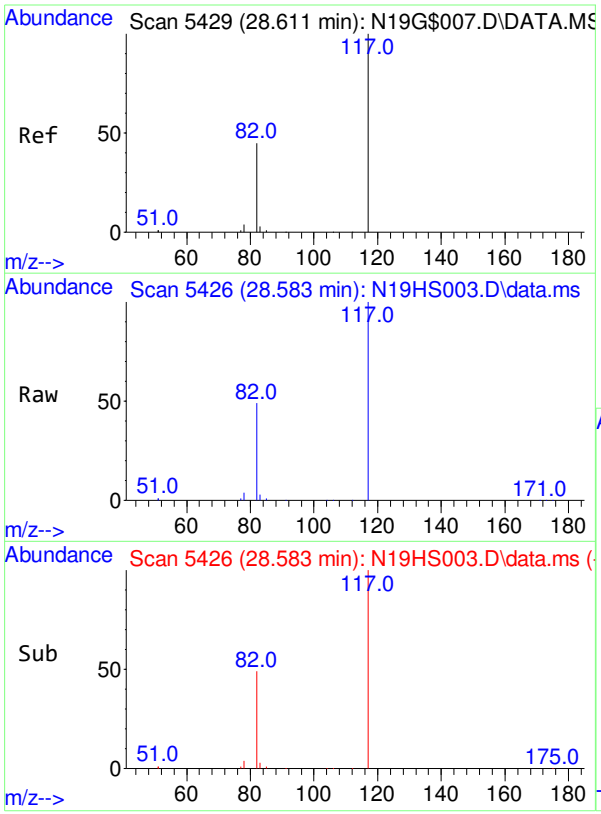


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.487 min Scan# 4454
Delta R.T. -0.031 min
Lab File: N19HS003.D
Acq: 19 Aug 2019 12:31 pm

Tgt Ion:114 Resp: 139335

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	39.1

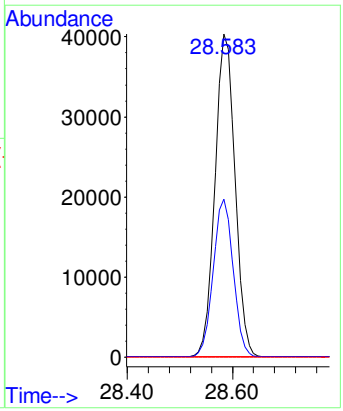




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.583 min Scan# 5426
Delta R.T. -0.028 min
Lab File: N19HS003.D
Acq: 19 Aug 2019 12:31 pm

Tgt Ion:117 Resp: 106509

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS006.D
Acq On : 19 Aug 2019 3:58 pm
Operator : KSS
Sample : B9H1909-BLK1
Misc : 80ML 8L13001, B-H2-639
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 20 08:23:57 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.268	66	52570	4.7700 ppbv	-0.02
3) IS-1,4-Difluorobenzene	21.496	114	142578	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.591	117	127215	4.7400 ppbv	-0.02

System Monitoring Compounds

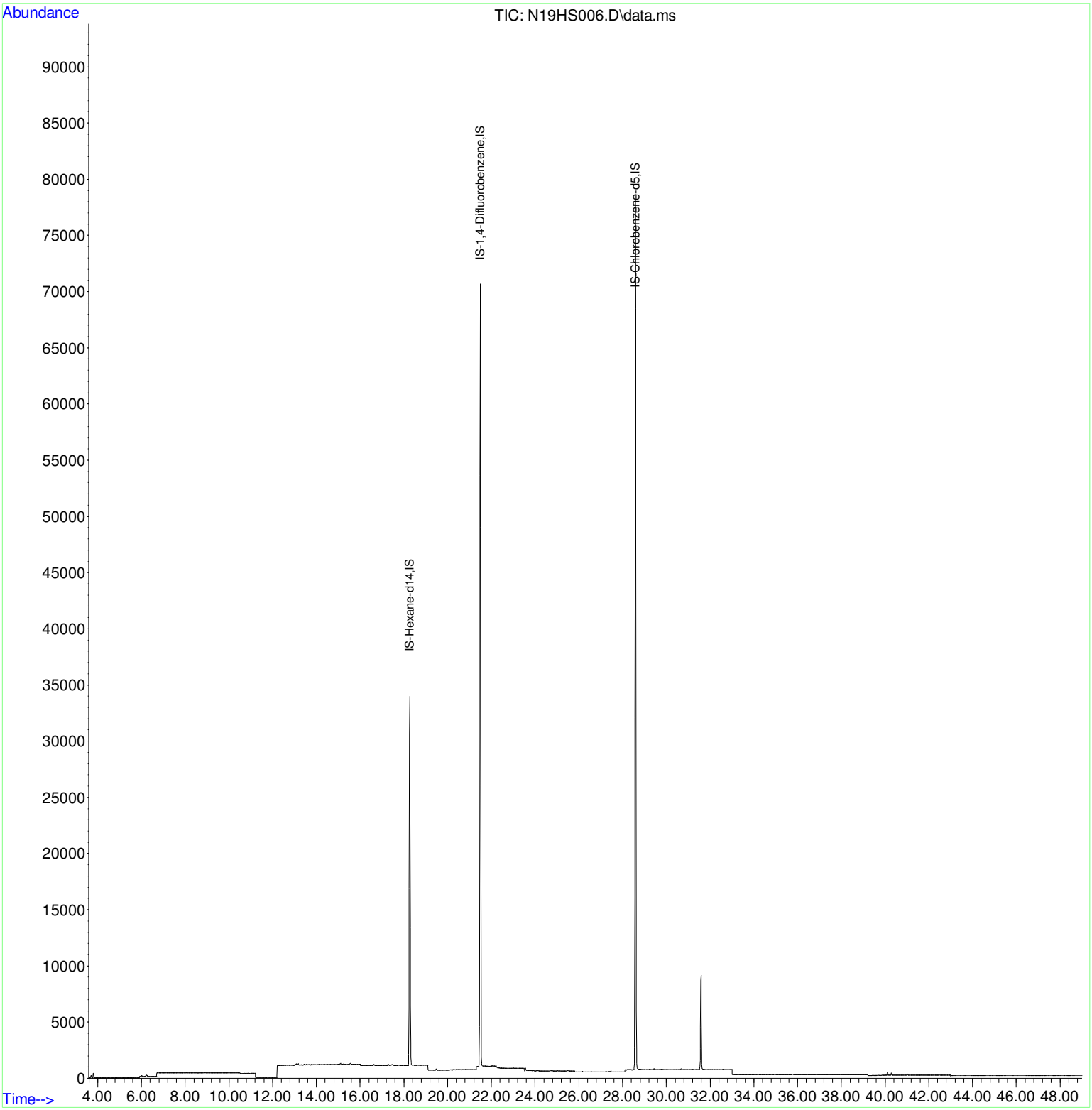
Target Compounds					Qvalue
2) Chloroprene	0.000	53	0	N.D.	

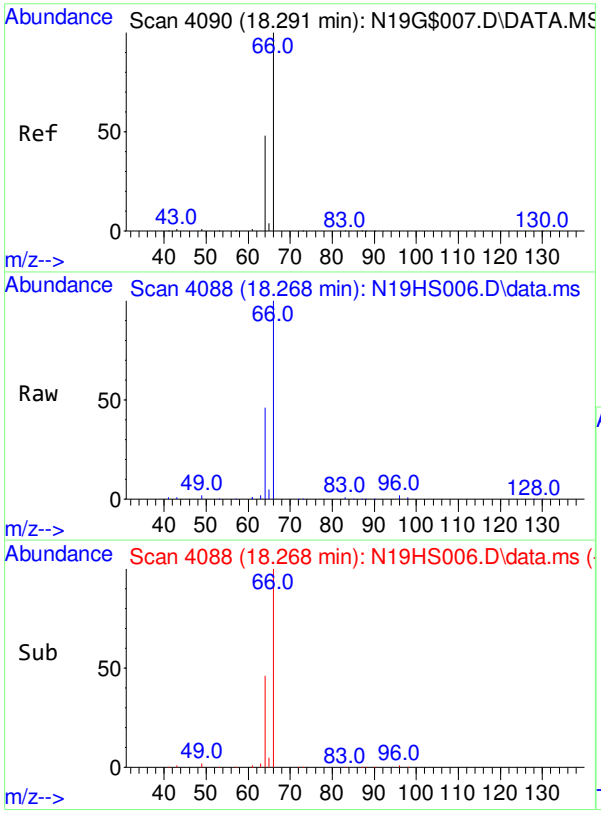
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS006.D
Acq On : 19 Aug 2019 3:58 pm
Operator : KSS
Sample : B9H1909-BLK1
Misc : 80ML 8L13001, B-H2-639
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 20 08:23:57 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

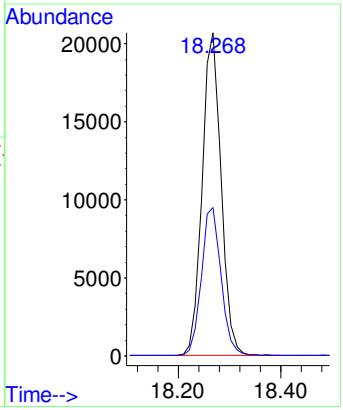


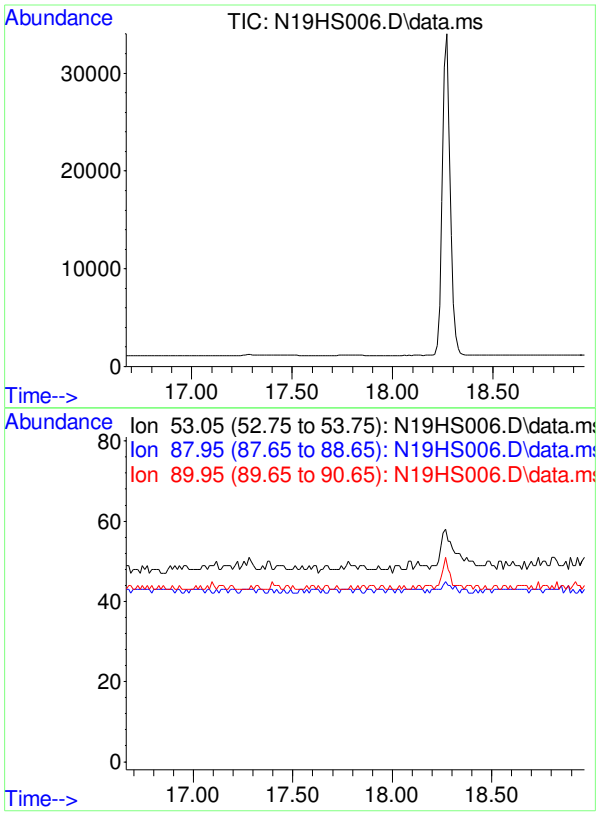


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.268 min Scan# 4088
Delta R.T. -0.023 min
Lab File: N19HS006.D
Acq: 19 Aug 2019 3:58 pm

Tgt Ion: 66 Resp: 52570

Ion	Ratio	Lower	Upper
66	100		
64	47.4	35.3	65.5



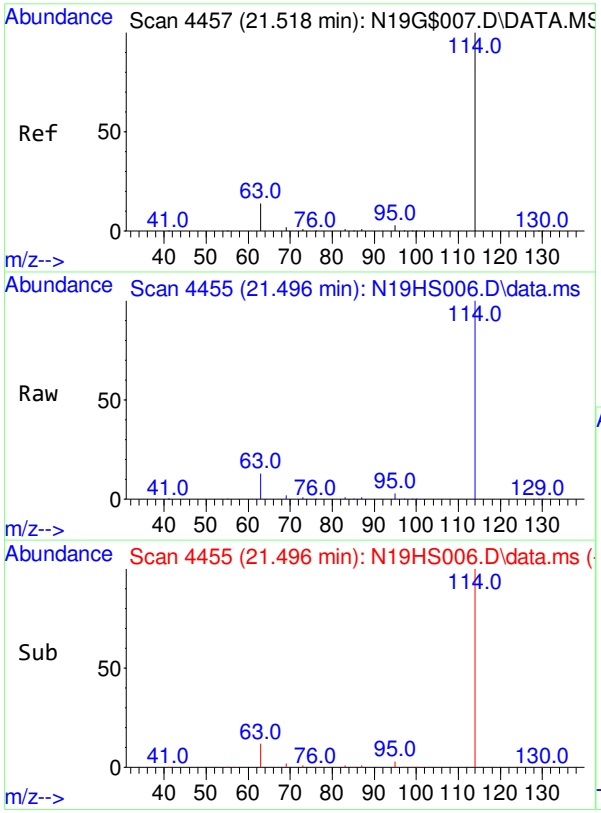


#2
Chloroprene
Concen: N.D.
Expected RT: 17.81 min

Lab File: N19HS006.D
Acq: 19 Aug 2019 3:58 pm

Tgt Ion: 53

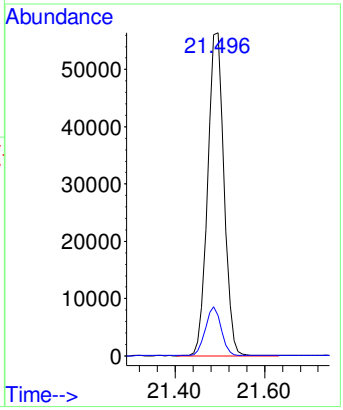
Sig	Exp Ratio
53	100
88	56.4
90	18.1

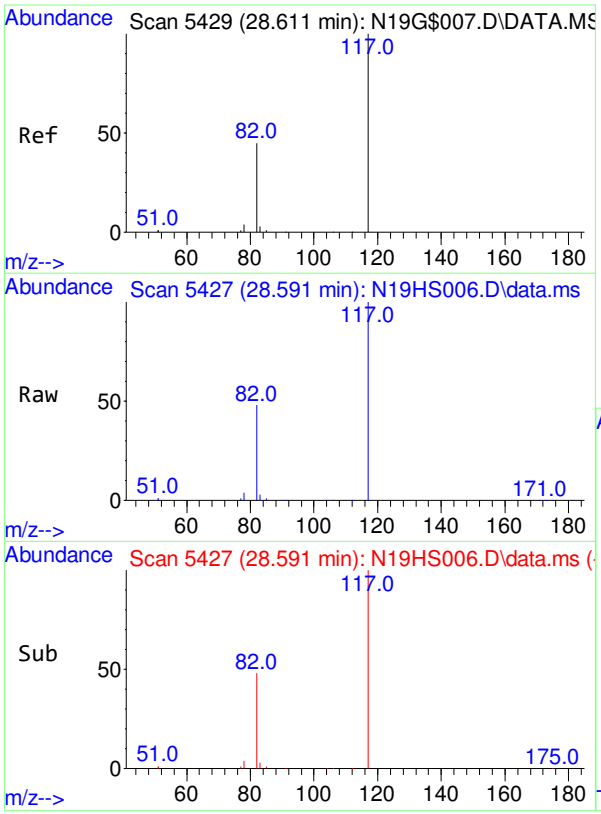


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.496 min Scan# 4455
Delta R.T. -0.022 min
Lab File: N19HS006.D
Acq: 19 Aug 2019 3:58 pm

Tgt Ion:114 Resp: 142578

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	39.1

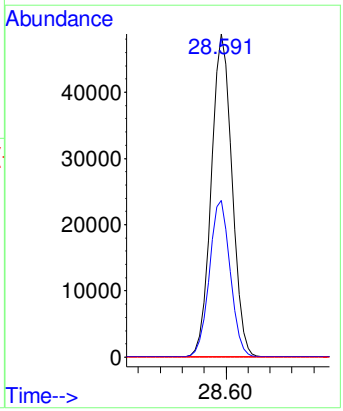




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.591 min Scan# 5427
Delta R.T. -0.020 min
Lab File: N19HS006.D
Acq: 19 Aug 2019 3:58 pm

Tgt Ion:117 Resp: 127215

Ion	Ratio	Lower	Upper
117	100		
82	48.9	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS007.D
Acq On : 19 Aug 2019 5:02 pm
Operator : KSS
Sample : 9081943-01
Misc : 5TH WARD 8/15/19
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 20 08:24:02 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.279	66	52558	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.496	114	141902	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.591	117	133659	4.7400 ppbv	-0.02

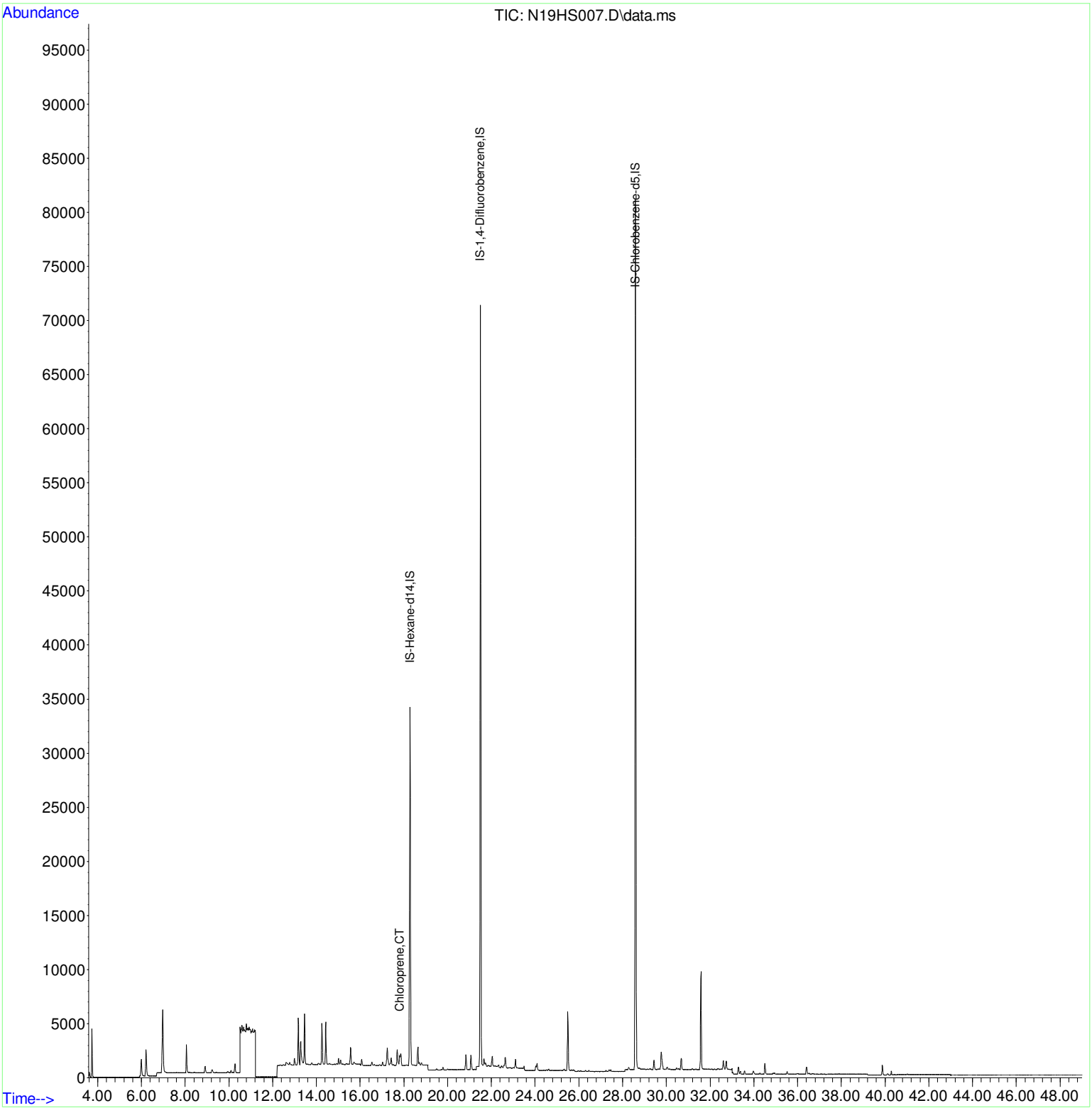
System Monitoring Compounds

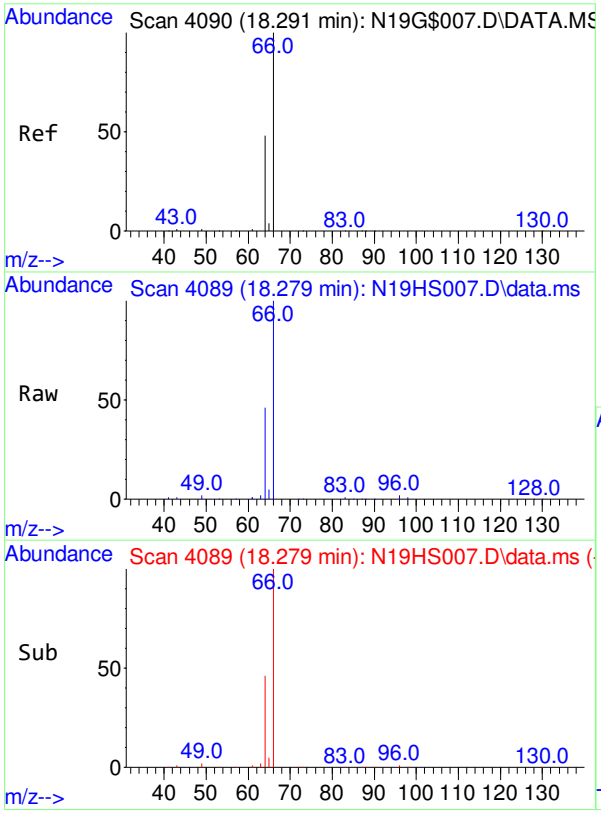
Target Compounds					Qvalue
2) Chloroprene	17.802	53	1058	0.1543 ppbv	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS007.D
Acq On : 19 Aug 2019 5:02 pm
Operator : KSS
Sample : 9081943-01
Misc : 5TH WARD 8/15/19
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 20 08:24:02 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

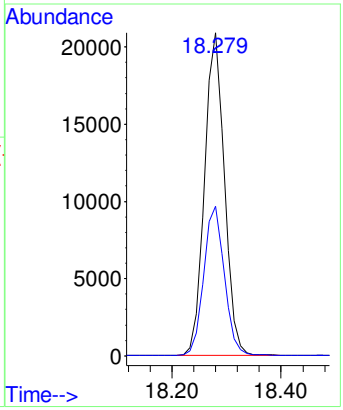


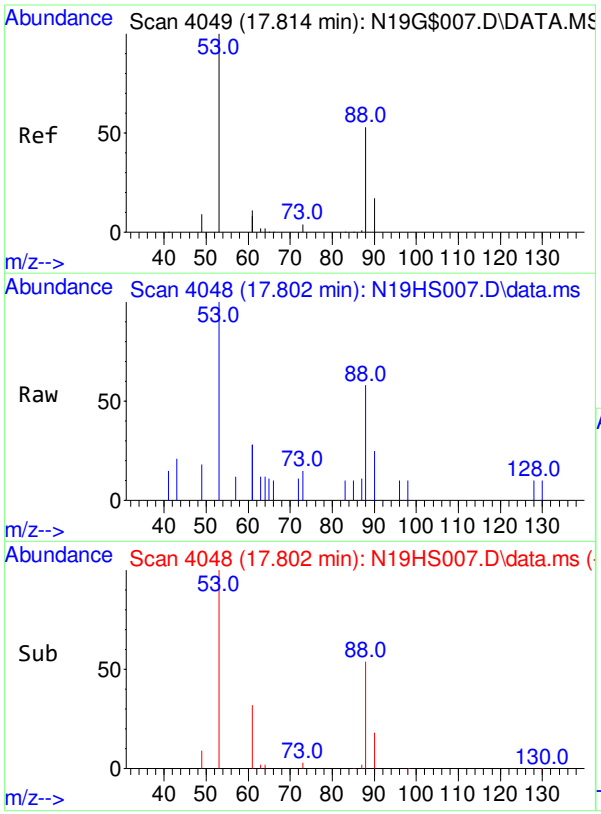


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.279 min Scan# 4089
Delta R.T. -0.012 min
Lab File: N19HS007.D
Acq: 19 Aug 2019 5:02 pm

Tgt Ion: 66 Resp: 52558

Ion	Ratio	Lower	Upper
66	100		
64	47.6	35.3	65.5

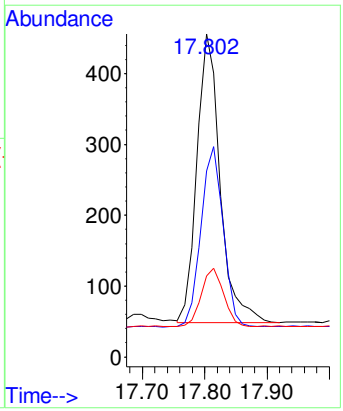


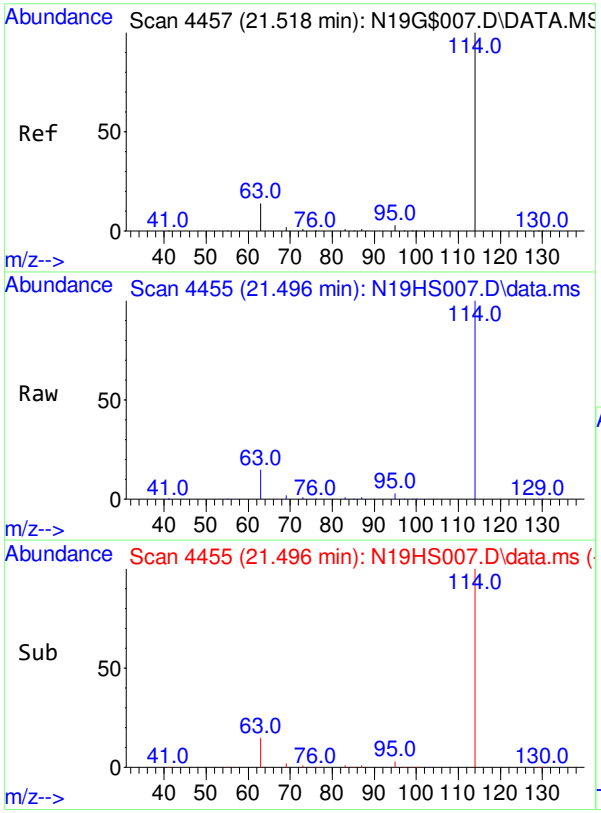


#2
Chloroprene
Concen: 0.154 ppbv
RT: 17.802 min Scan# 4048
Delta R.T. -0.012 min
Lab File: N19HS007.D
Acq: 19 Aug 2019 5:02 pm

Tgt Ion: 53 Resp: 1058

Ion	Ratio	Lower	Upper
53	100		
88	59.9	45.1	67.7
90	19.2	14.5	21.7

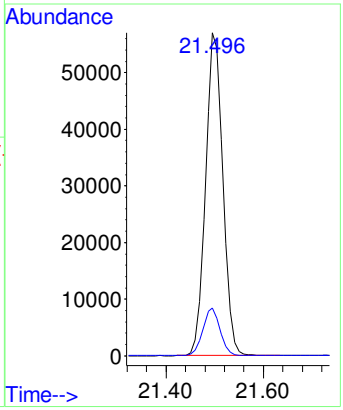


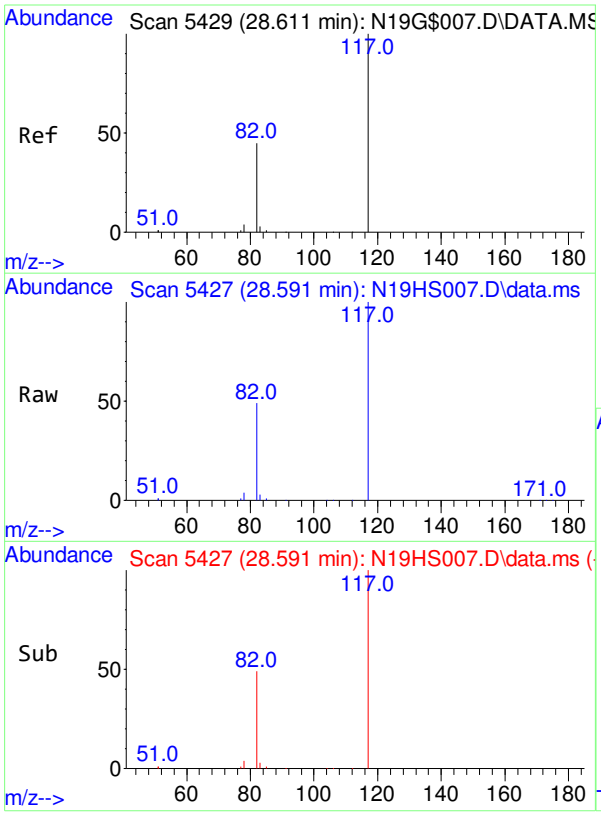


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.496 min Scan# 4455
Delta R.T. -0.022 min
Lab File: N19HS007.D
Acq: 19 Aug 2019 5:02 pm

Tgt Ion:114 Resp: 141902

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	39.1

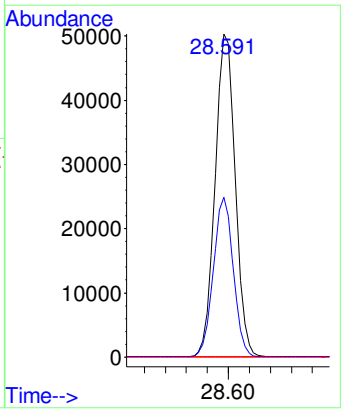




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.591 min Scan# 5427
Delta R.T. -0.020 min
Lab File: N19HS007.D
Acq: 19 Aug 2019 5:02 pm

Tgt Ion:117 Resp: 133659

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS008.D
Acq On : 19 Aug 2019 6:06 pm
Operator : KSS
Sample : 9081943-02
Misc : LEVEE C1 8/15/19
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 20 08:24:05 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.280	66	53571	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.505	114	142795	4.9900 ppbv	-0.01
4) IS-Chlorobenzene-d5	28.600	117	132368	4.7400 ppbv	-0.01

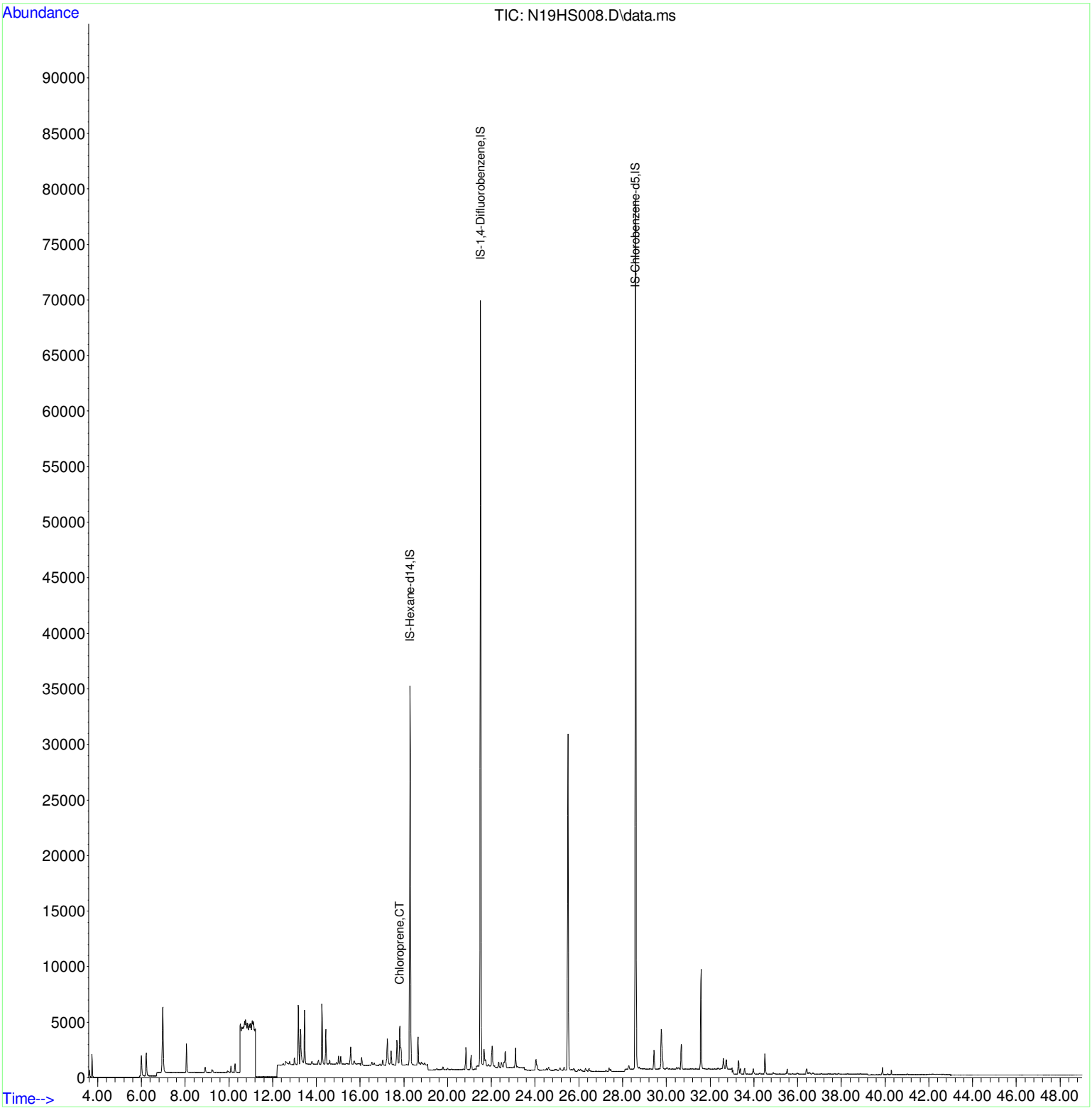
System Monitoring Compounds

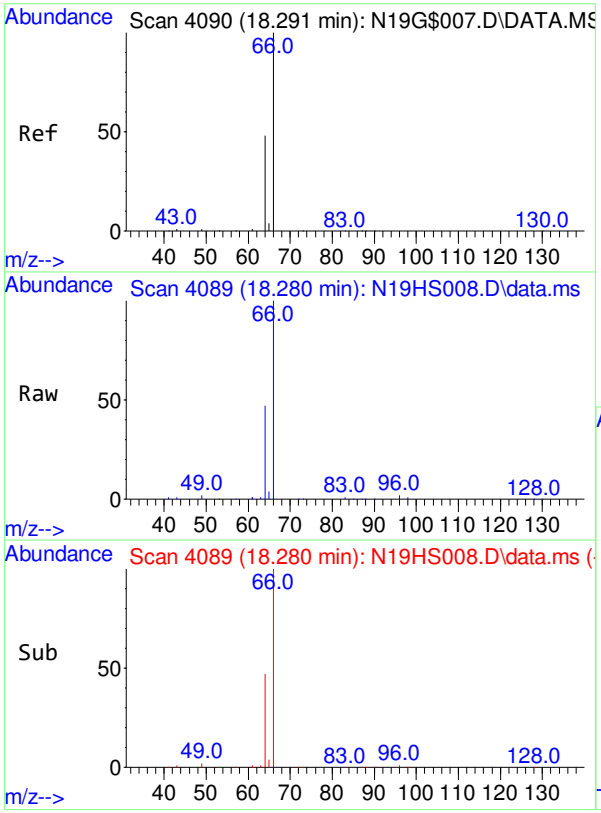
Target Compounds					Qvalue
2) Chloroprene	17.803	53	4024	0.5757 ppbv	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS008.D
Acq On : 19 Aug 2019 6:06 pm
Operator : KSS
Sample : 9081943-02
Misc : LEVEE C1 8/15/19
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 20 08:24:05 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

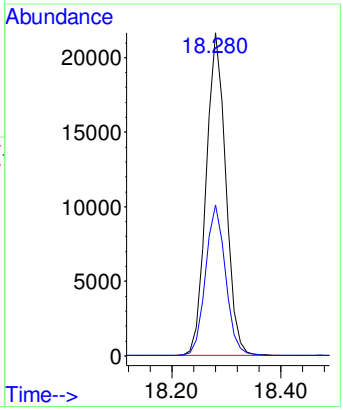


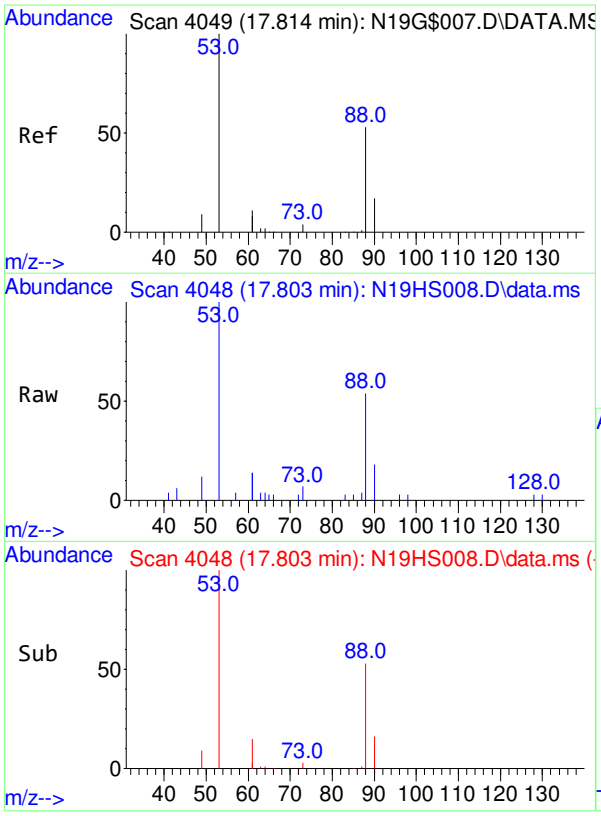


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.280 min Scan# 4089
Delta R.T. -0.011 min
Lab File: N19HS008.D
Acq: 19 Aug 2019 6:06 pm

Tgt Ion: 66 Resp: 53571

Ion	Ratio	Lower	Upper
66	100		
64	47.5	35.3	65.5

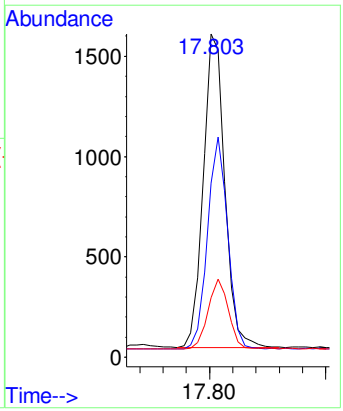


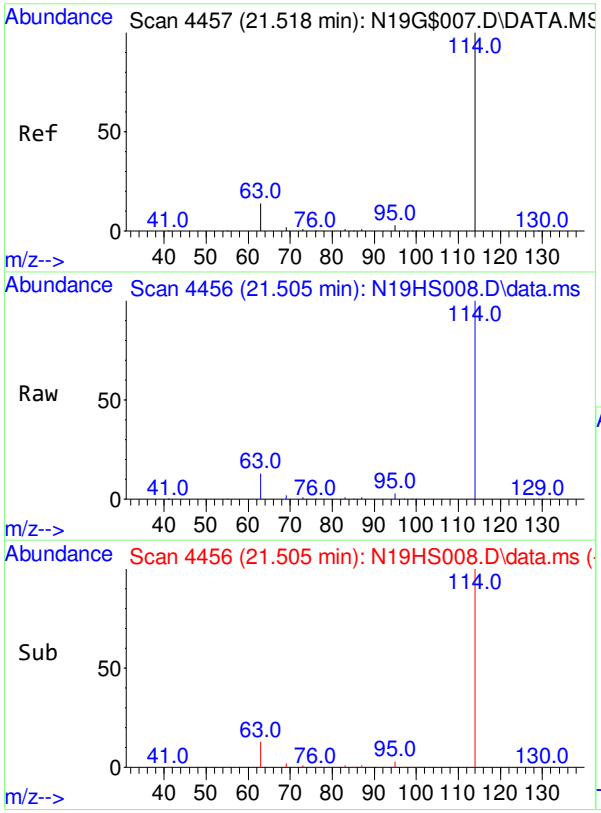


#2
Chloroprene
Concen: 0.576 ppbv
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS008.D
Acq: 19 Aug 2019 6:06 pm

Tgt Ion: 53 Resp: 4024

Ion	Ratio	Lower	Upper
53	100		
88	63.0	45.1	67.7
90	20.7	14.5	21.7

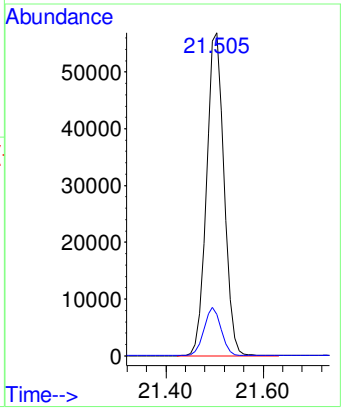


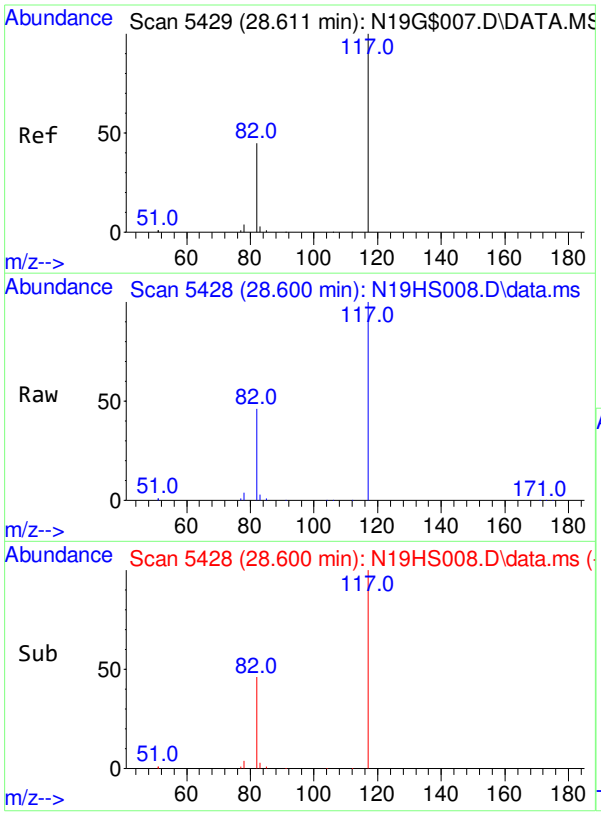


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.505 min Scan# 4456
Delta R.T. -0.013 min
Lab File: N19HS008.D
Acq: 19 Aug 2019 6:06 pm

Tgt Ion:114 Resp: 142795

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

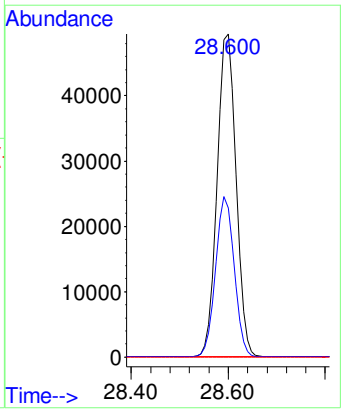




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.600 min Scan# 5428
Delta R.T. -0.011 min
Lab File: N19HS008.D
Acq: 19 Aug 2019 6:06 pm

Tgt Ion:117 Resp: 132368

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS009.D
Acq On : 19 Aug 2019 7:11 pm
Operator : KSS
Sample : B9H1909-DUP1
Misc : LEVEE R1 8/15/19
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 20 08:24:07 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.279	66	54846	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.505	114	145033	4.9900 ppbv	-0.01
4) IS-Chlorobenzene-d5	28.599	117	134051	4.7400 ppbv	-0.01

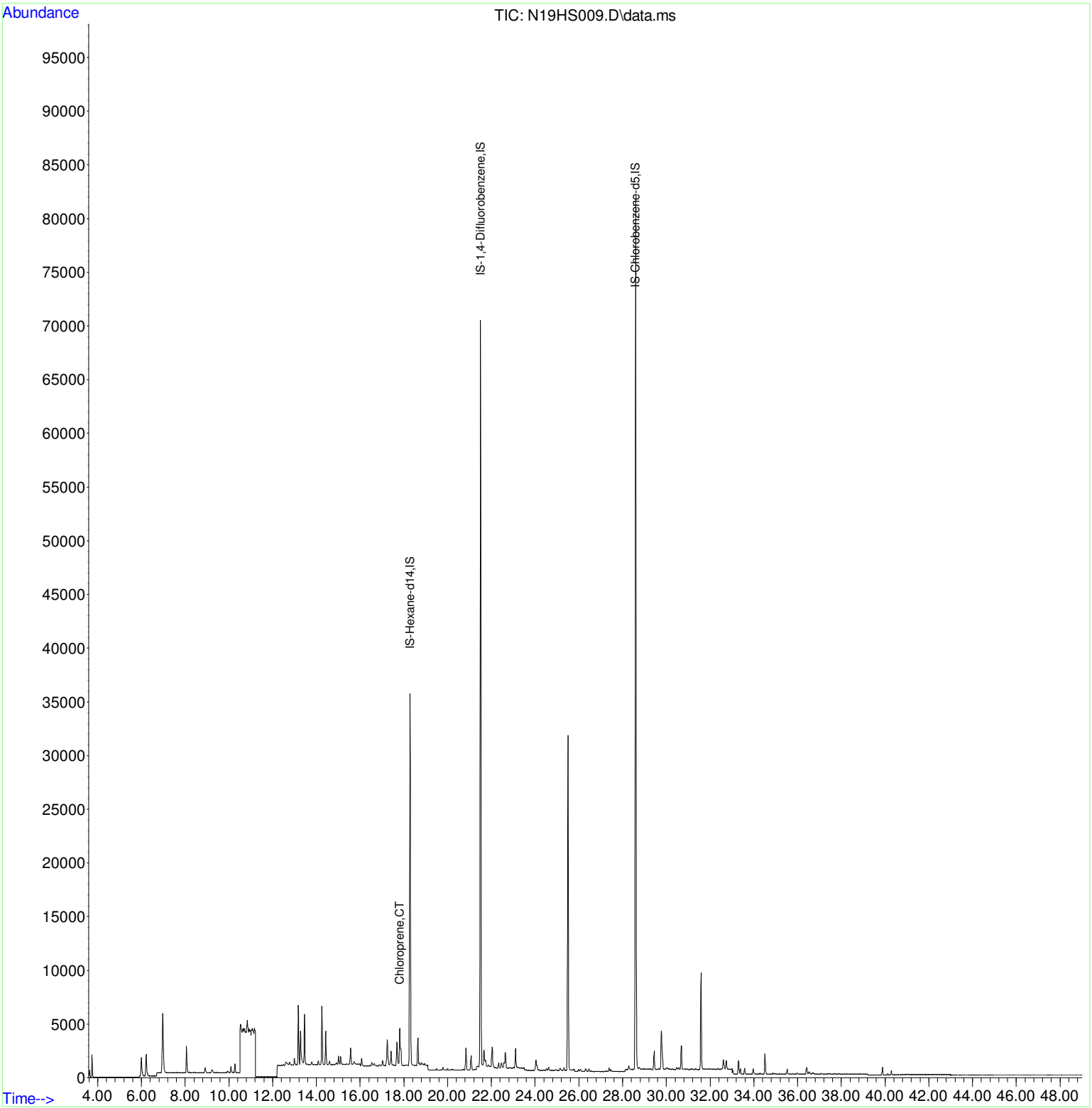
System Monitoring Compounds

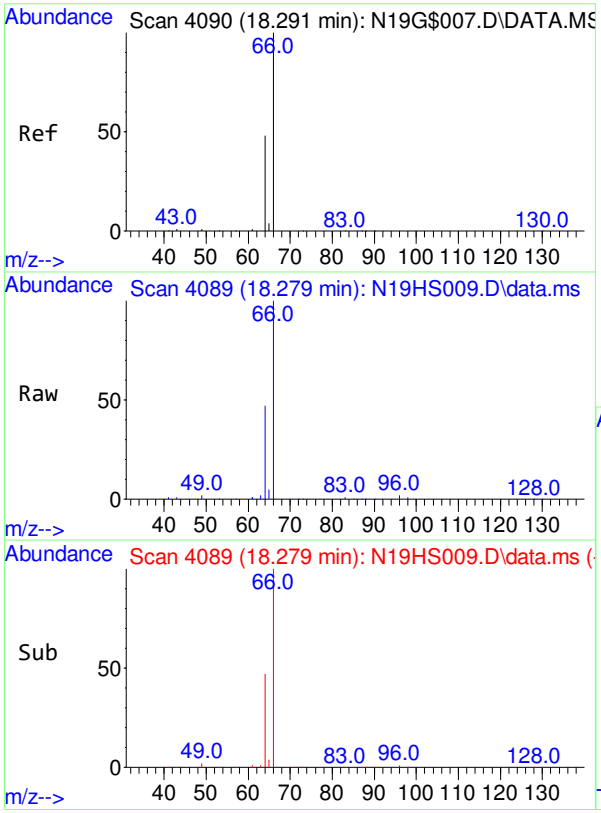
Target Compounds					Qvalue
2) Chloroprene	17.803	53	4056	0.5668 ppbv	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS009.D
Acq On : 19 Aug 2019 7:11 pm
Operator : KSS
Sample : B9H1909-DUP1
Misc : LEVEE R1 8/15/19
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 20 08:24:07 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

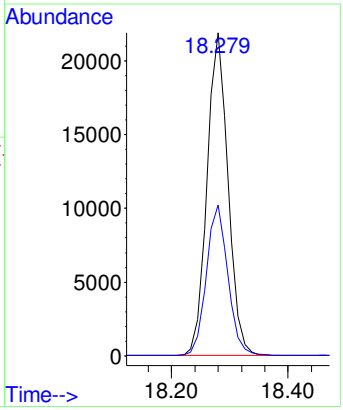


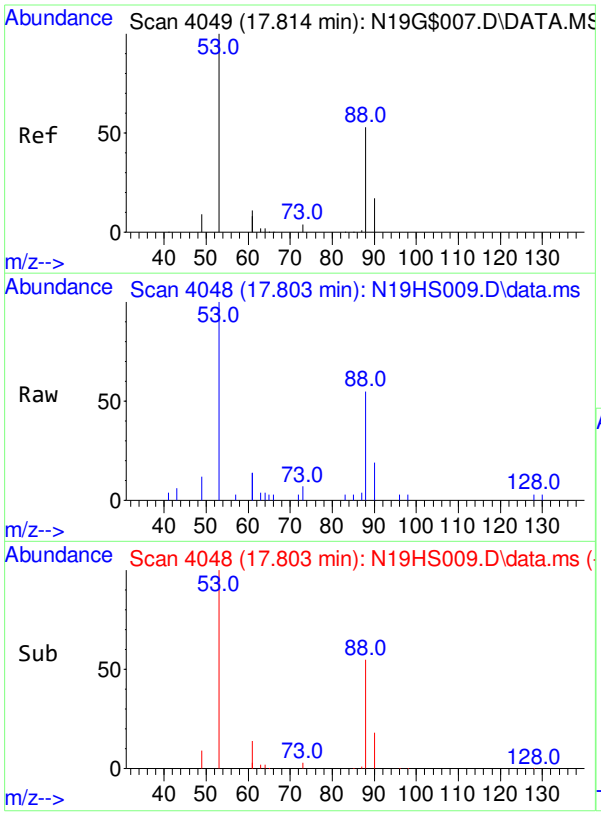


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.279 min Scan# 4089
Delta R.T. -0.012 min
Lab File: N19HS009.D
Acq: 19 Aug 2019 7:11 pm

Tgt Ion: 66 Resp: 54846

Ion	Ratio	Lower	Upper
66	100		
64	47.4	35.3	65.5

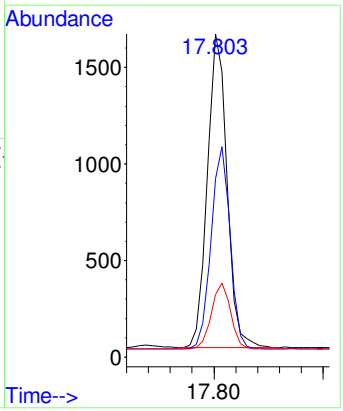


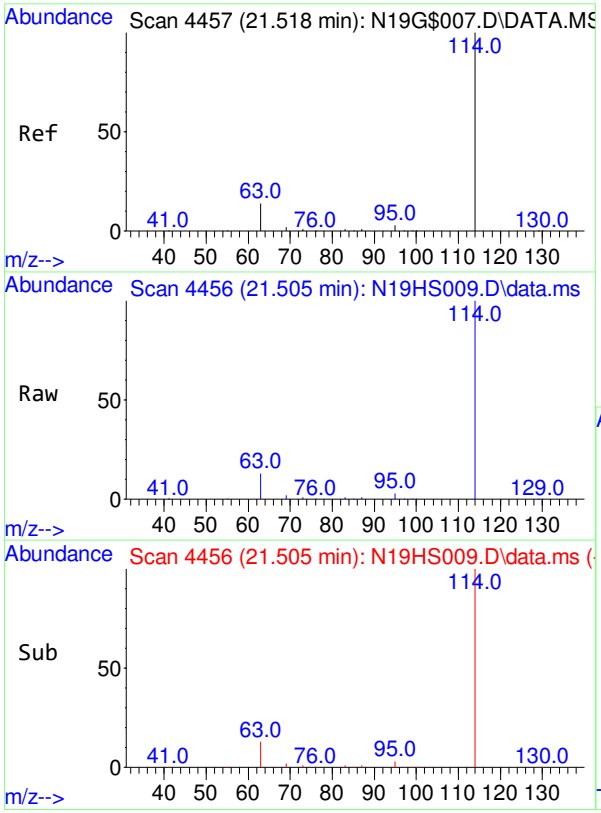


#2
Chloroprene
Concen: 0.567 ppbv
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS009.D
Acq: 19 Aug 2019 7:11 pm

Tgt Ion: 53 Resp: 4056

Ion	Ratio	Lower	Upper
53	100		
88	63.0	45.1	67.7
90	20.5	14.5	21.7

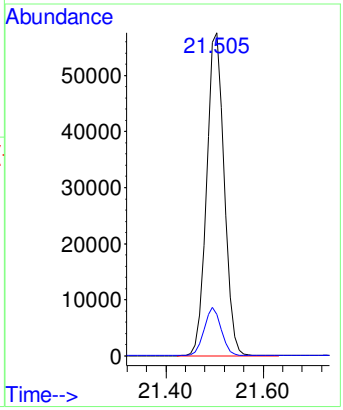


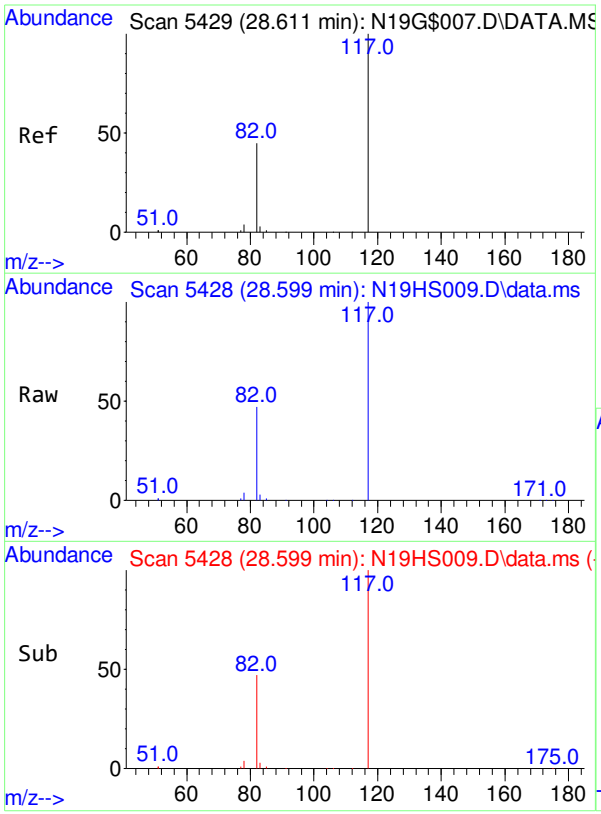


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.505 min Scan# 4456
Delta R.T. -0.013 min
Lab File: N19HS009.D
Acq: 19 Aug 2019 7:11 pm

Tgt Ion:114 Resp: 145033

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

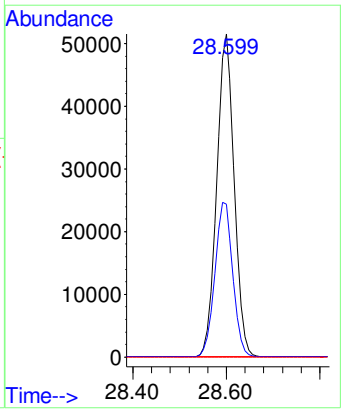




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.599 min Scan# 5428
Delta R.T. -0.012 min
Lab File: N19HS009.D
Acq: 19 Aug 2019 7:11 pm

Tgt Ion:117 Resp: 134051

Ion	Ratio	Lower	Upper
117	100		
82	48.9	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS010.D
Acq On : 19 Aug 2019 8:14 pm
Operator : KSS
Sample : 9081943-03
Misc : LEVEE C2 8/15/19
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 08:24:10 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.280	66	54957	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.496	114	145506	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.592	117	133458	4.7400 ppbv	-0.02

System Monitoring Compounds

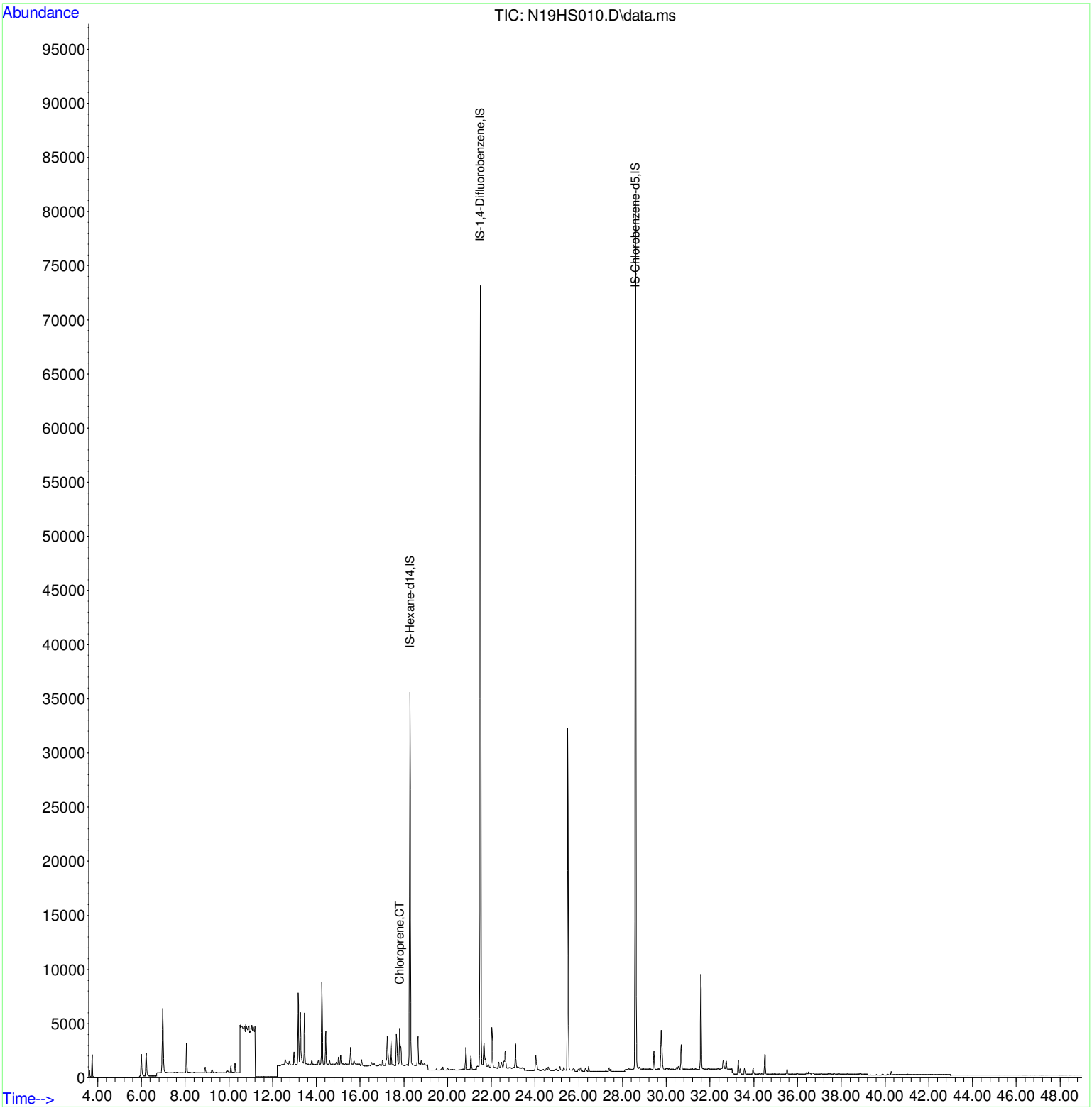
Target Compounds					Qvalue
2) Chloroprene	17.803	53	3936	0.5489 ppbv	92

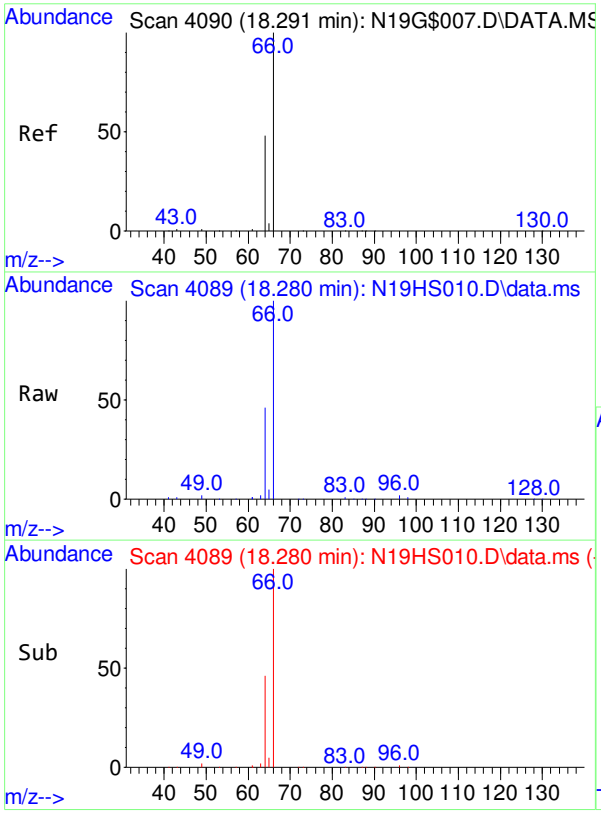
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS010.D
Acq On : 19 Aug 2019 8:14 pm
Operator : KSS
Sample : 9081943-03
Misc : LEVEE C2 8/15/19
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 08:24:10 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

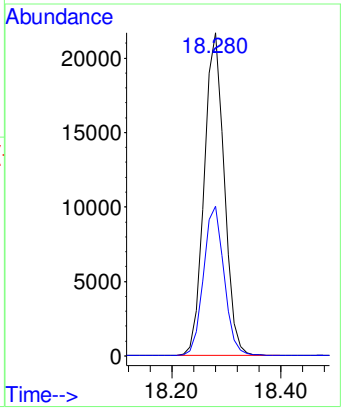


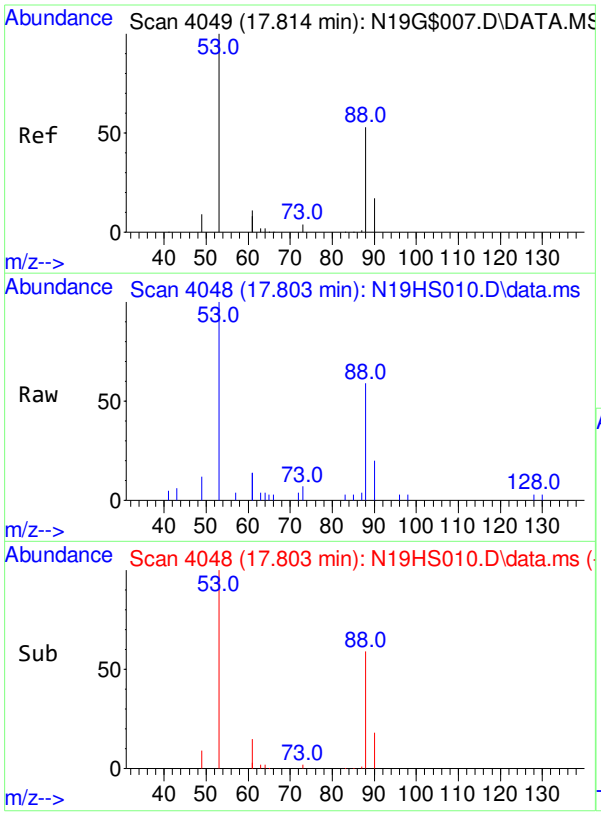


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.280 min Scan# 4089
Delta R.T. -0.011 min
Lab File: N19HS010.D
Acq: 19 Aug 2019 8:14 pm

Tgt Ion: 66 Resp: 54957

Ion	Ratio	Lower	Upper
66	100		
64	47.3	35.3	65.5

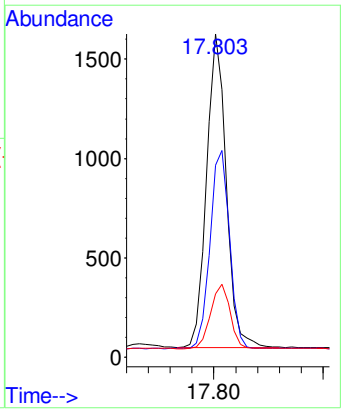


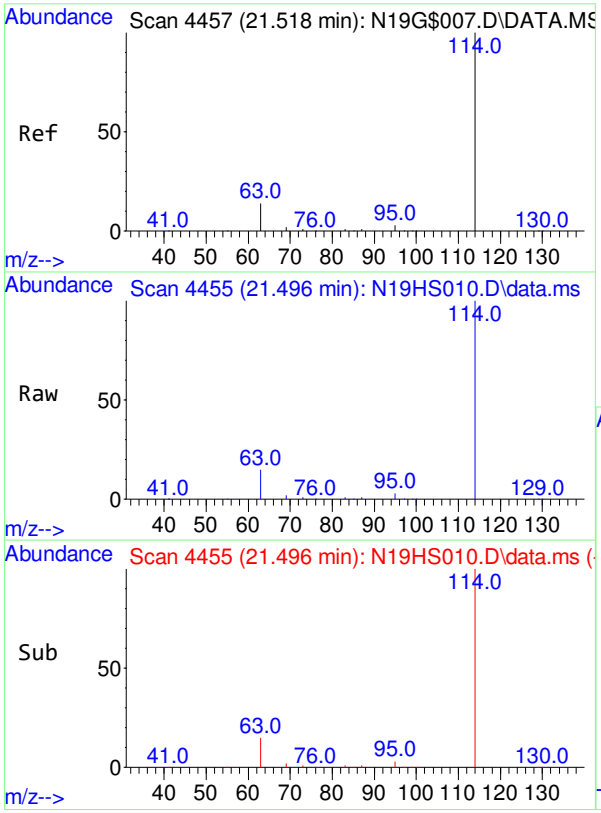


#2
Chloroprene
Concen: 0.549 ppbv
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS010.D
Acq: 19 Aug 2019 8:14 pm

Tgt Ion: 53 Resp: 3936

Ion	Ratio	Lower	Upper
53	100		
88	62.8	45.1	67.7
90	20.6	14.5	21.7

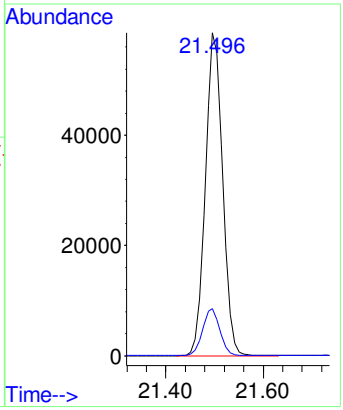


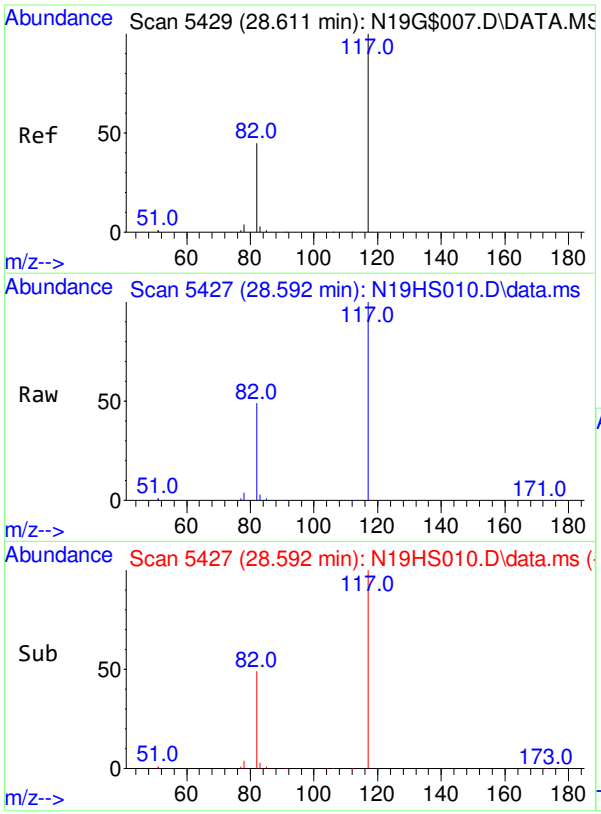


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.496 min Scan# 4455
Delta R.T. -0.022 min
Lab File: N19HS010.D
Acq: 19 Aug 2019 8:14 pm

Tgt Ion:114 Resp: 145506

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

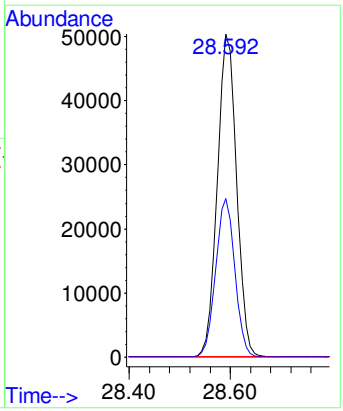




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.592 min Scan# 5427
Delta R.T. -0.019 min
Lab File: N19HS010.D
Acq: 19 Aug 2019 8:14 pm

Tgt Ion:117 Resp: 133458

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS011.D
Acq On : 19 Aug 2019 9:18 pm
Operator : KSS
Sample : B9H1909-DUP2
Misc : LEVEE R2 8/15/19
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 20 08:24:13 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.279	66	56433	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.505	114	147042	4.9900 ppbv	-0.01
4) IS-Chlorobenzene-d5	28.599	117	136115	4.7400 ppbv	-0.01

System Monitoring Compounds

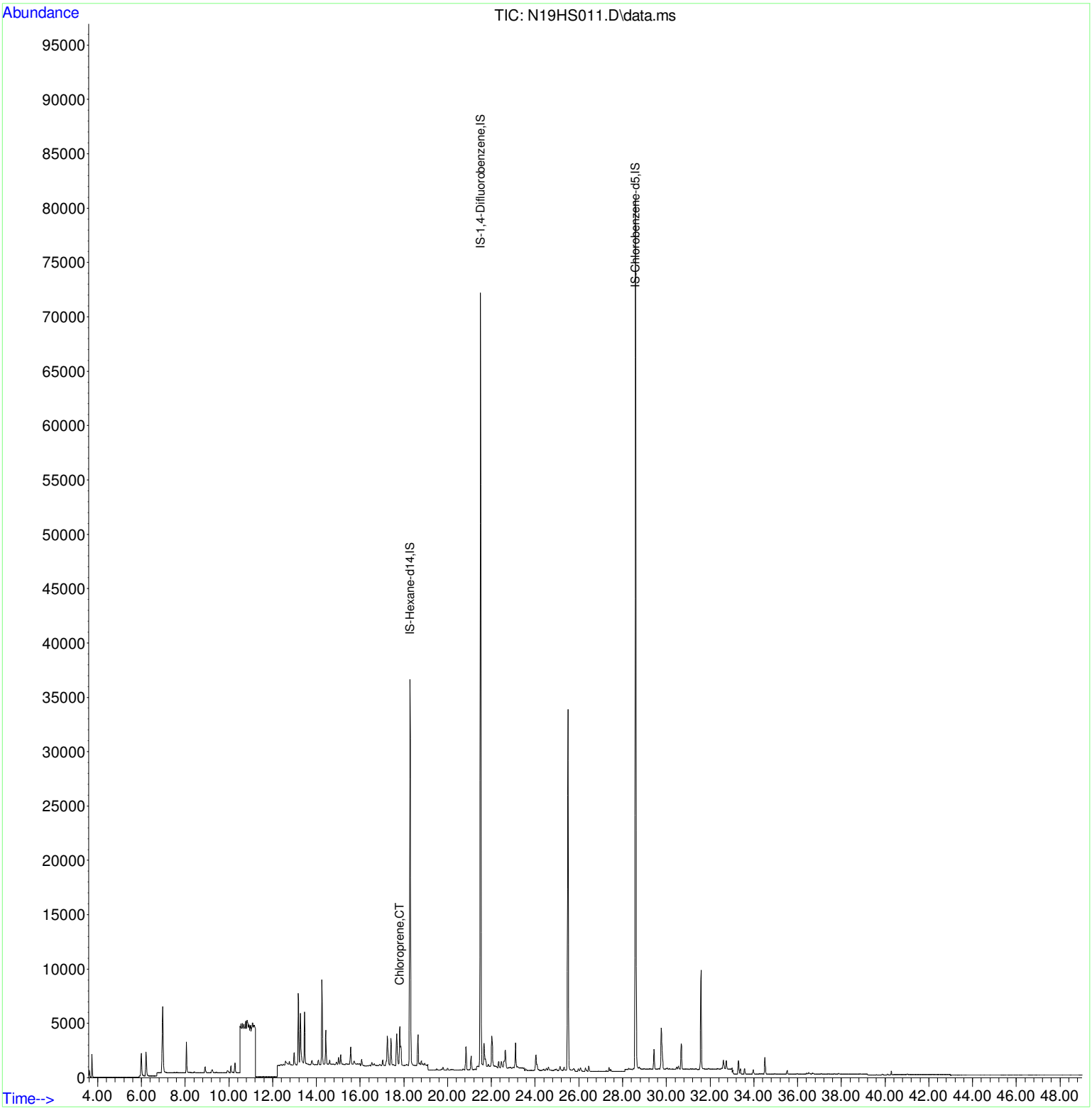
Target Compounds					Qvalue
2) Chloroprene	17.803	53	4002	0.5436 ppbv	91

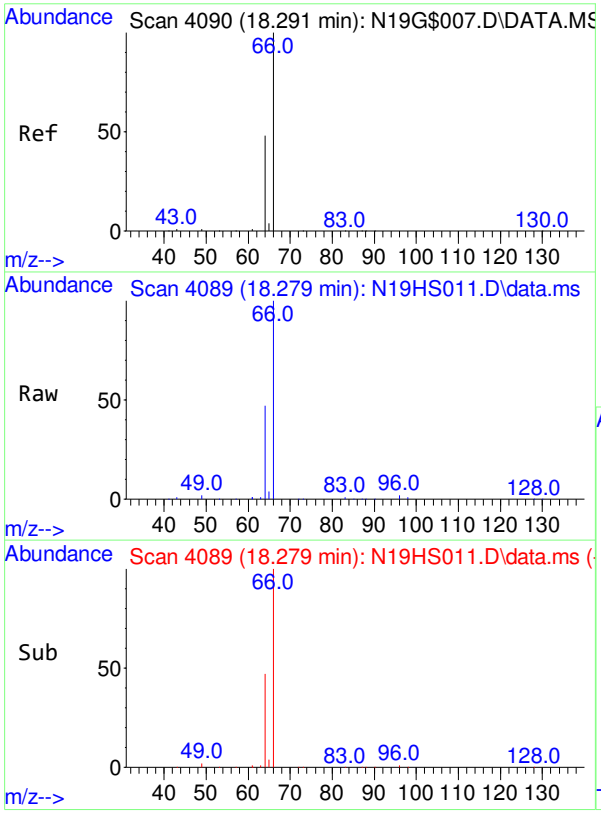
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS011.D
Acq On : 19 Aug 2019 9:18 pm
Operator : KSS
Sample : B9H1909-DUP2
Misc : LEVEE R2 8/15/19
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 20 08:24:13 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

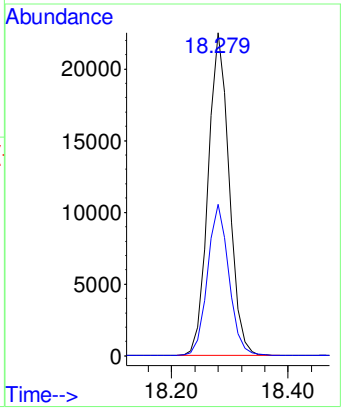


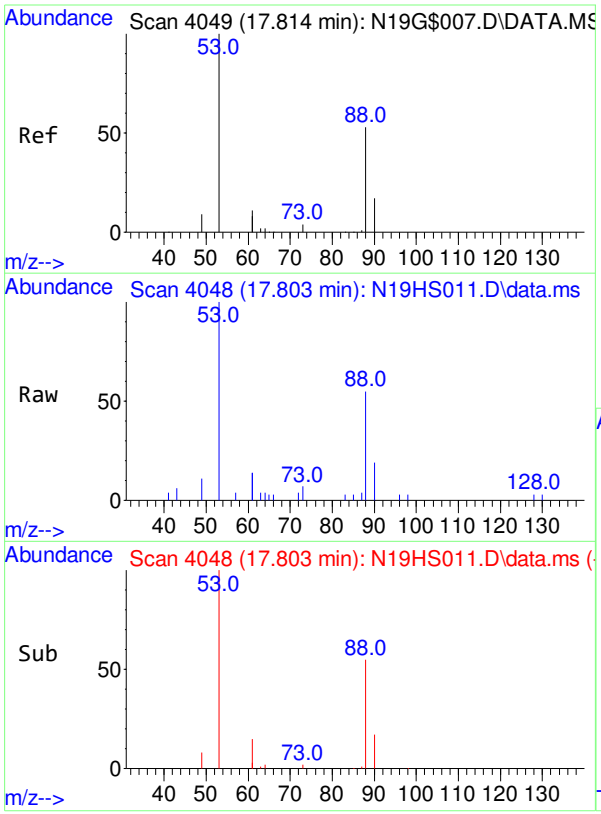


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.279 min Scan# 4089
Delta R.T. -0.012 min
Lab File: N19HS011.D
Acq: 19 Aug 2019 9:18 pm

Tgt Ion: 66 Resp: 56433

Ion	Ratio	Lower	Upper
66	100		
64	47.4	35.3	65.5

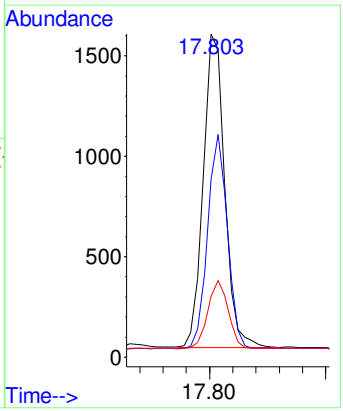


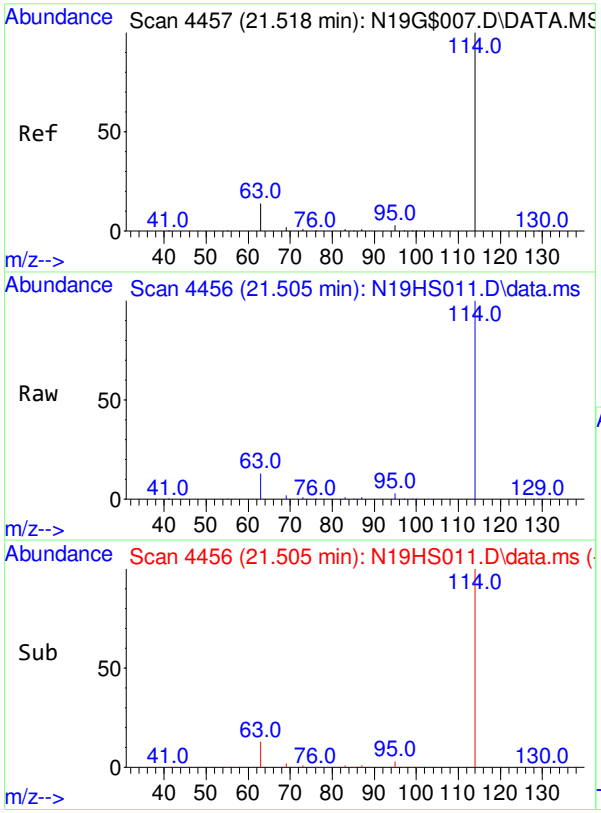


#2
Chloroprene
Concen: 0.544 ppbv
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS011.D
Acq: 19 Aug 2019 9:18 pm

Tgt Ion: 53 Resp: 4002

Ion	Ratio	Lower	Upper
53	100		
88	63.5	45.1	67.7
90	20.6	14.5	21.7

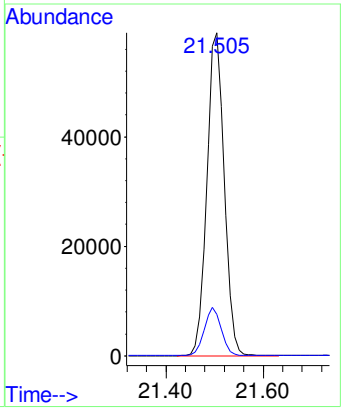


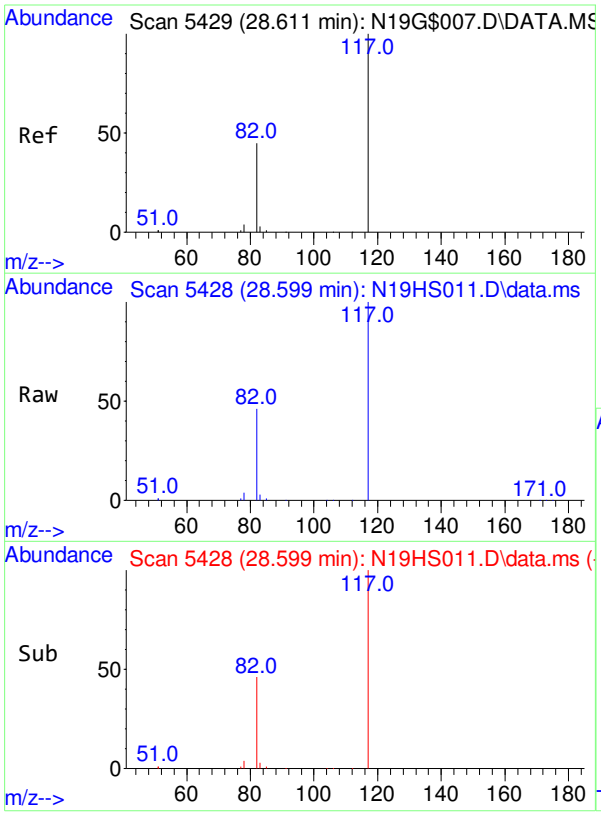


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.505 min Scan# 4456
Delta R.T. -0.013 min
Lab File: N19HS011.D
Acq: 19 Aug 2019 9:18 pm

Tgt Ion:114 Resp: 147042

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

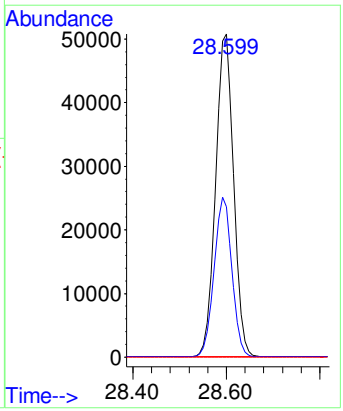




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.599 min Scan# 5428
Delta R.T. -0.012 min
Lab File: N19HS011.D
Acq: 19 Aug 2019 9:18 pm

Tgt Ion:117 Resp: 136115

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS012.D
Acq On : 19 Aug 2019 10:22 pm
Operator : KSS
Sample : 9081943-04
Misc : E. ST. JOHN 8/15/19
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 20 08:24:15 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.277	66	57108	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.498	114	149207	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.595	117	137364	4.7400 ppbv	-0.02

System Monitoring Compounds

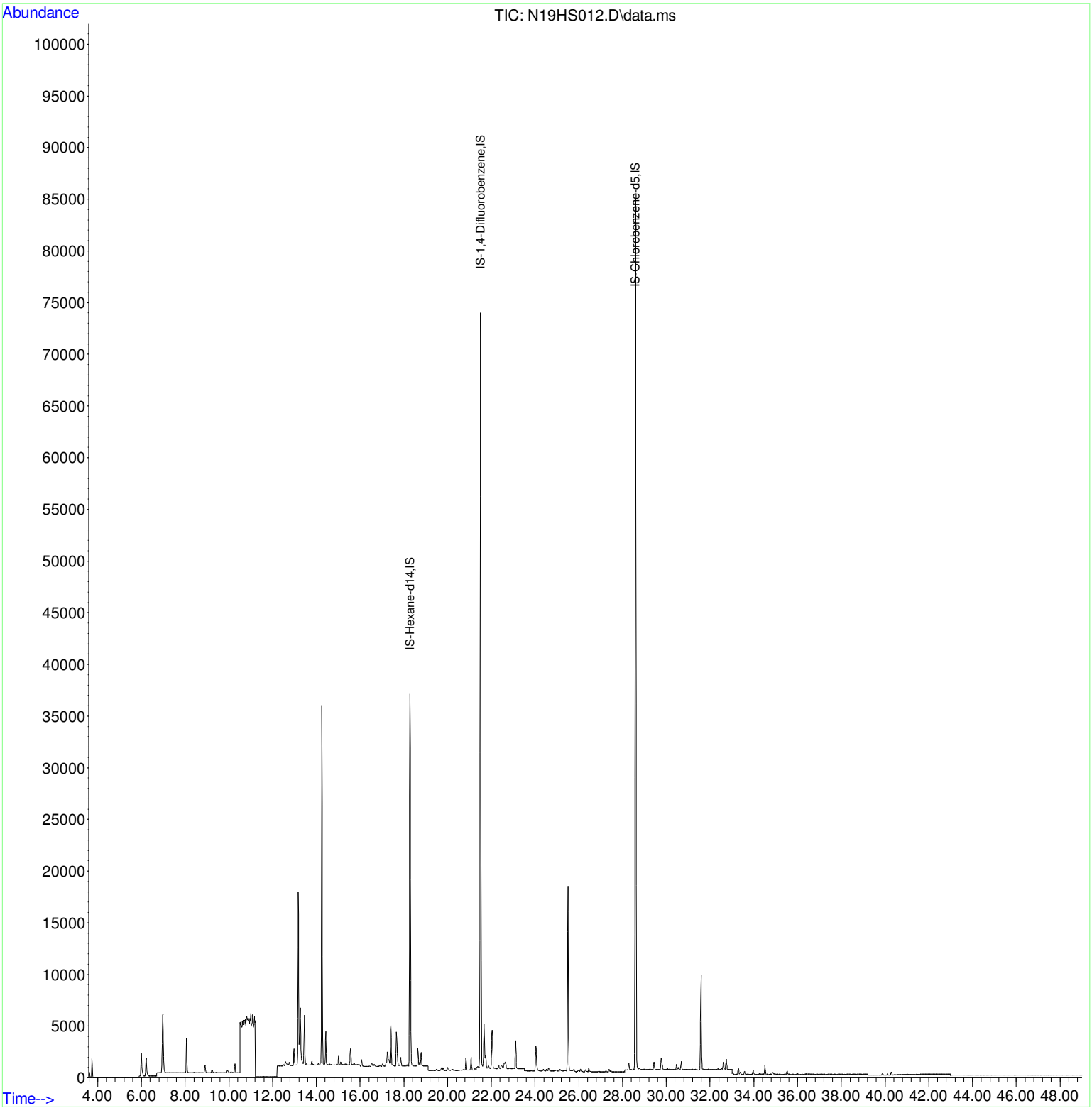
Target Compounds					Qvalue
2) Chloroprene	0.000	53	0	N.D. d	

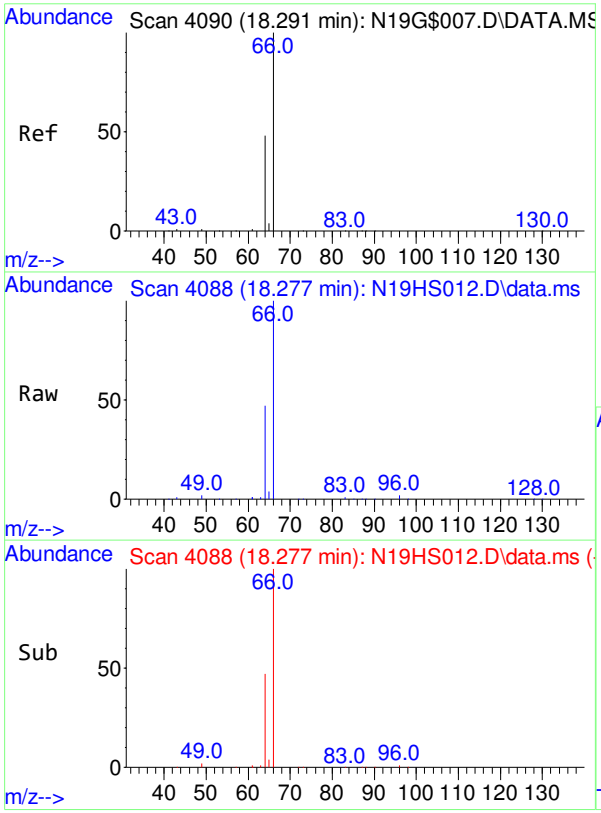
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS012.D
Acq On : 19 Aug 2019 10:22 pm
Operator : KSS
Sample : 9081943-04
Misc : E. ST. JOHN 8/15/19
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 20 08:24:15 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

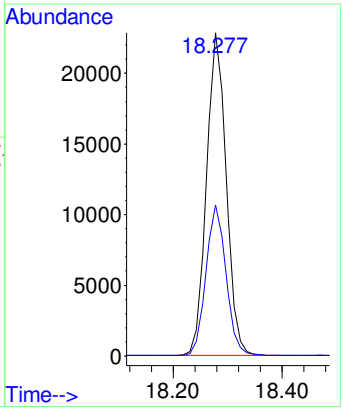


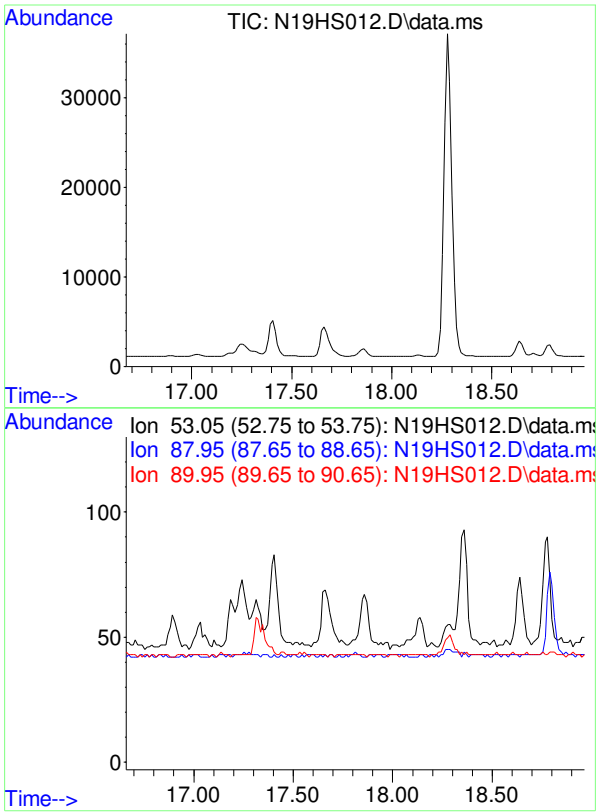


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.277 min Scan# 4088
Delta R.T. -0.014 min
Lab File: N19HS012.D
Acq: 19 Aug 2019 10:22 pm

Tgt Ion: 66 Resp: 57108

Ion	Ratio	Lower	Upper
66	100		
64	47.2	35.3	65.5



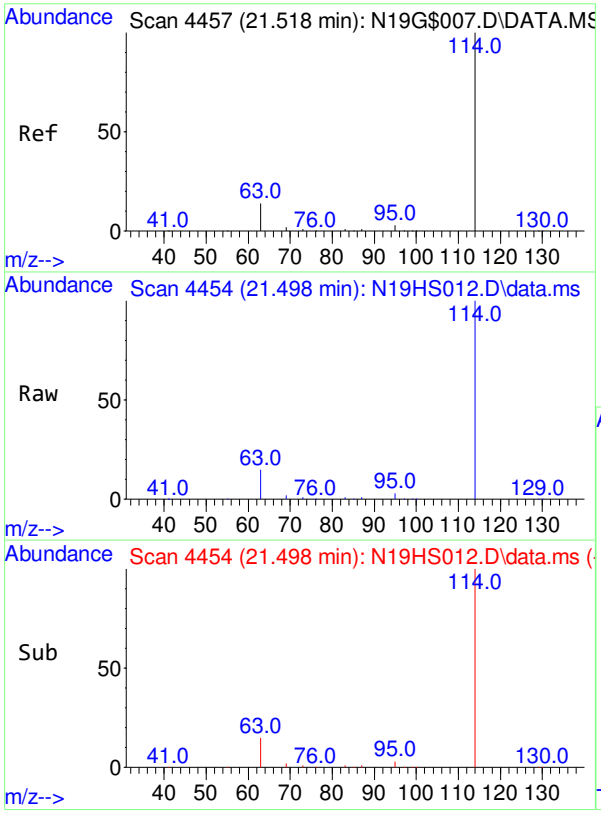


#2
Chloroprene
Concen: N.D.
Expected RT: 17.81 min

Lab File: N19HS012.D
Acq: 19 Aug 2019 10:22 pm

Tgt Ion: 53

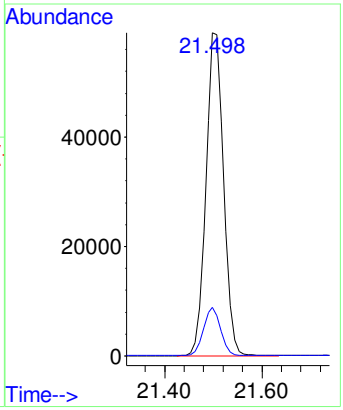
Sig	Exp Ratio
53	100
88	56.4
90	18.1

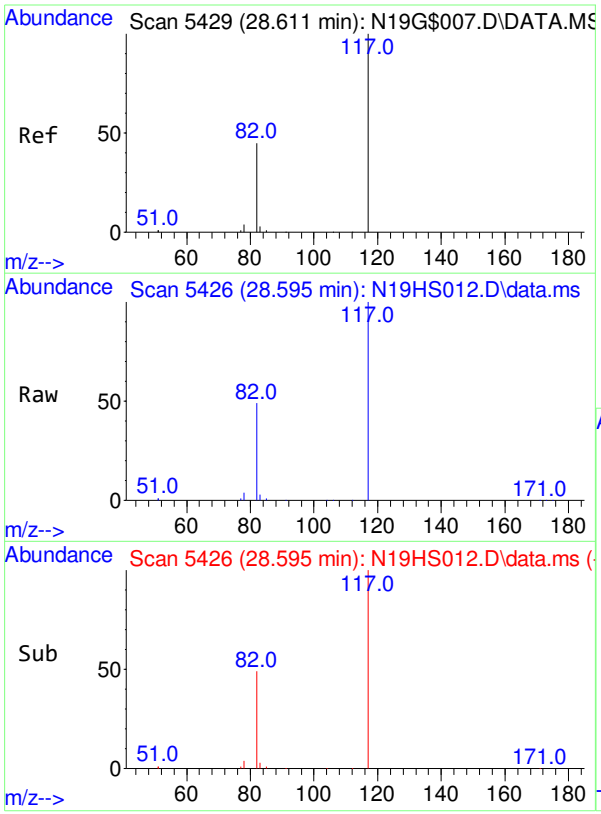


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.498 min Scan# 4454
Delta R.T. -0.020 min
Lab File: N19HS012.D
Acq: 19 Aug 2019 10:22 pm

Tgt Ion:114 Resp: 149207

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

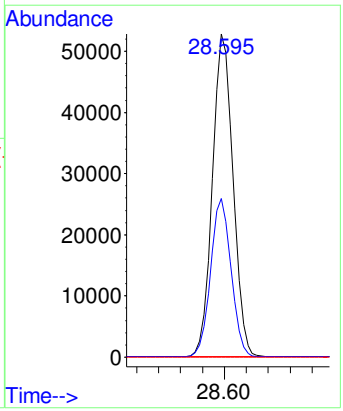




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.595 min Scan# 5426
Delta R.T. -0.016 min
Lab File: N19HS012.D
Acq: 19 Aug 2019 10:22 pm

Tgt Ion:117 Resp: 137364

Ion	Ratio	Lower	Upper
117	100		
82	48.8	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS013.D
Acq On : 19 Aug 2019 11:26 pm
Operator : KSS
Sample : 9081943-05
Misc : OCHSNERS 8/15/19
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 20 08:24:17 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.280	66	56196	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.505	114	149102	4.9900 ppbv	-0.01
4) IS-Chlorobenzene-d5	28.599	117	136340	4.7400 ppbv	-0.01

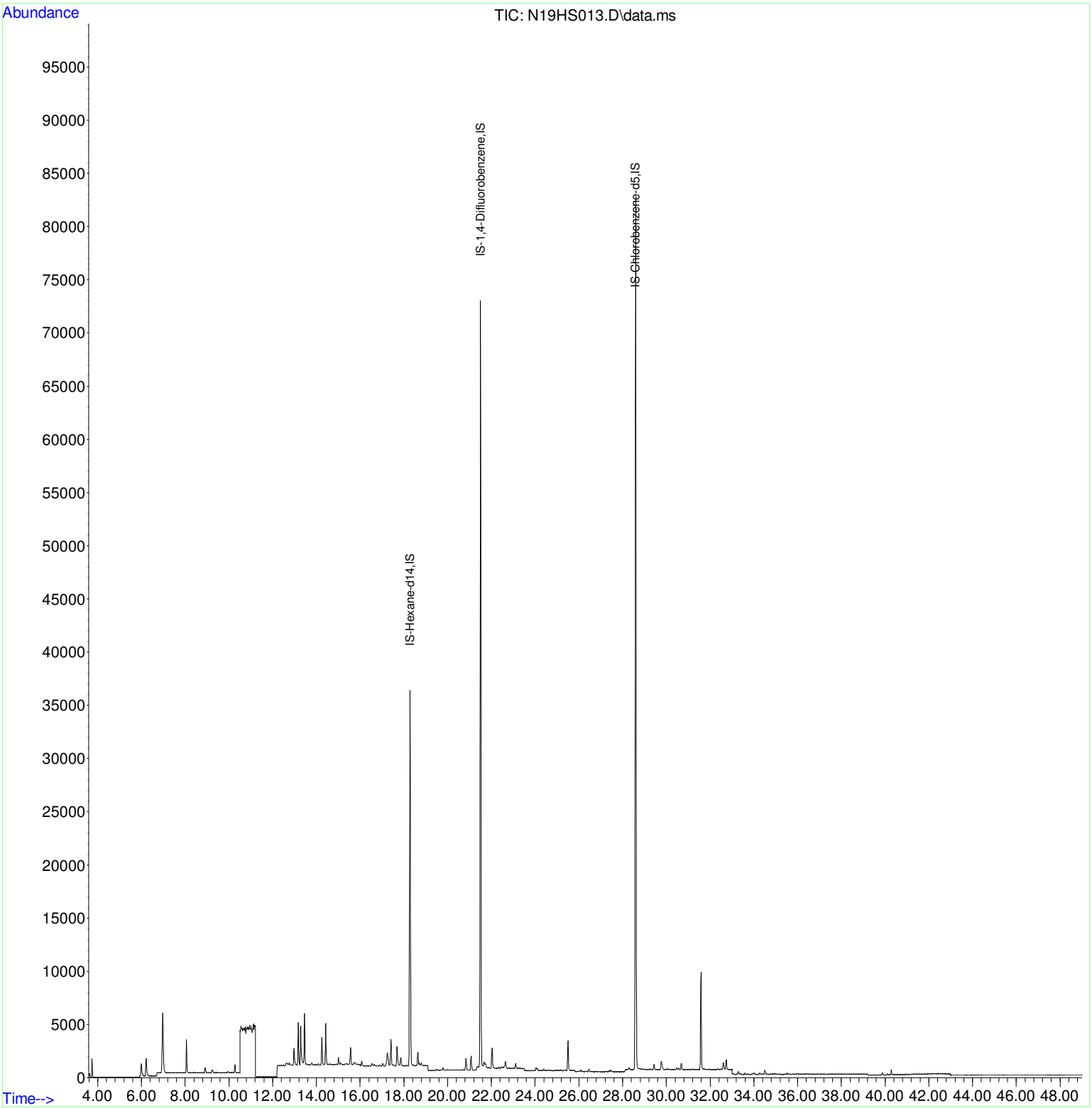
System Monitoring Compounds

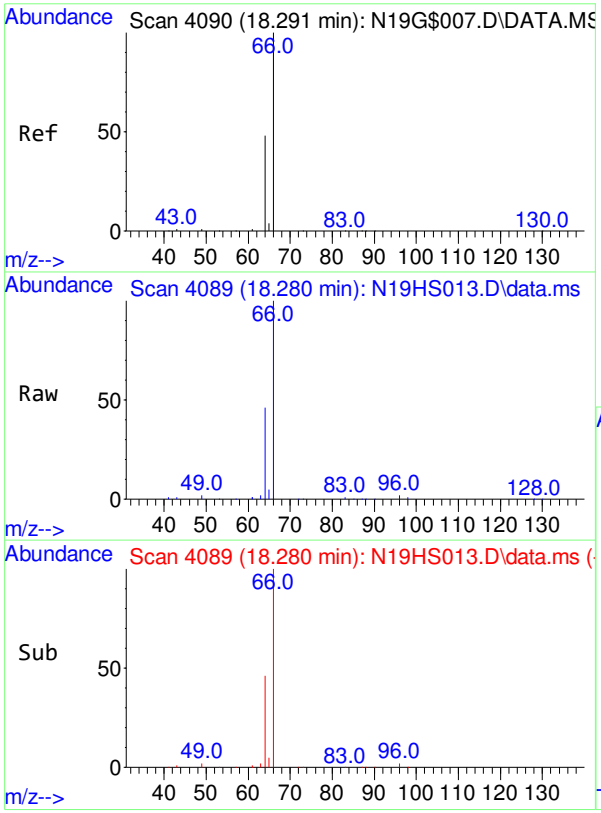
Target Compounds					Qvalue
2) Chloroprene	0.000	53	0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS013.D
Acq On : 19 Aug 2019 11:26 pm
Operator : KSS
Sample : 9081943-05
Misc : OCHSNERS 8/15/19
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 20 08:24:17 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

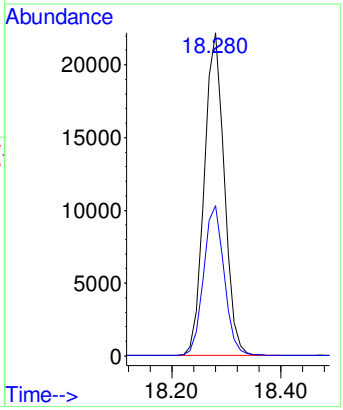


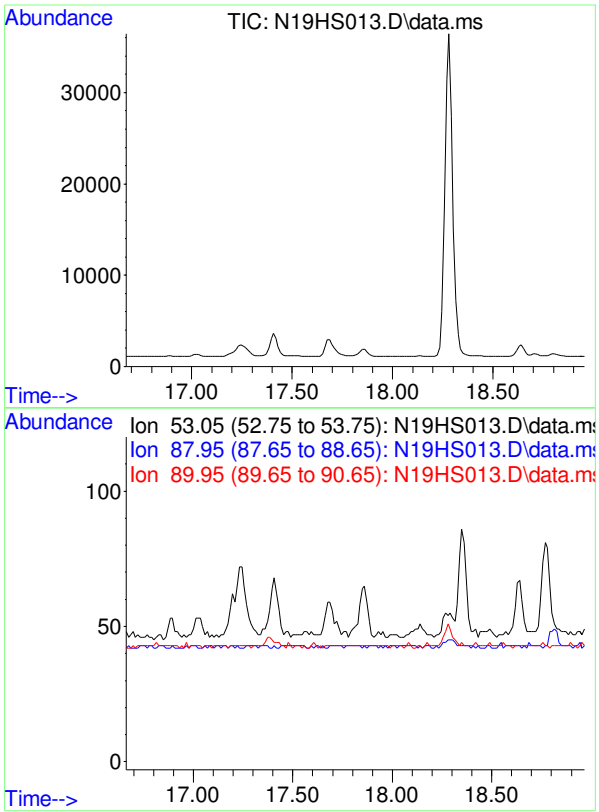


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.280 min Scan# 4089
Delta R.T. -0.011 min
Lab File: N19HS013.D
Acq: 19 Aug 2019 11:26 pm

Tgt Ion: 66 Resp: 56196

Ion	Ratio	Lower	Upper
66	100		
64	47.6	35.3	65.5



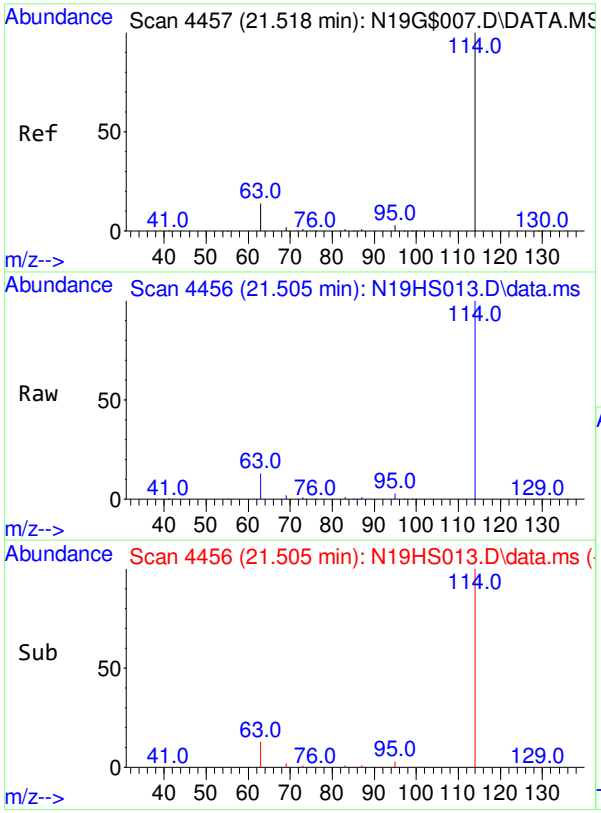


#2
Chloroprene
Concen: N.D.
Expected RT: 17.81 min

Lab File: N19HS013.D
Acq: 19 Aug 2019 11:26 pm

Tgt Ion: 53

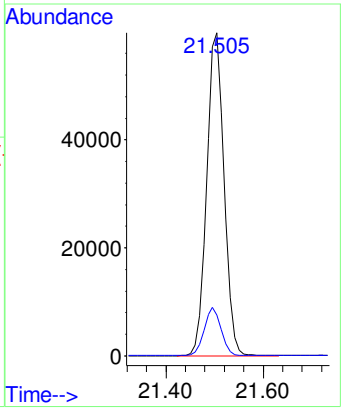
Sig	Exp Ratio
53	100
88	56.4
90	18.1

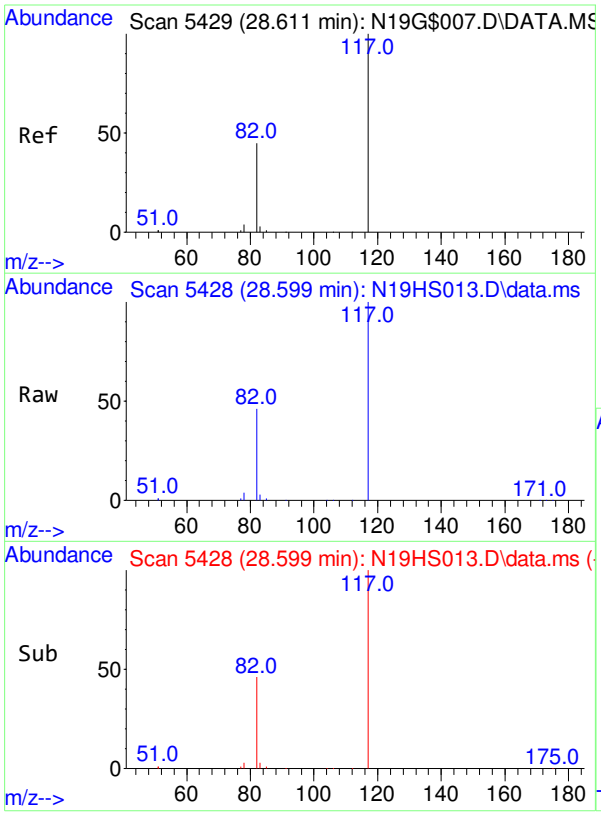


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.505 min Scan# 4456
Delta R.T. -0.013 min
Lab File: N19HS013.D
Acq: 19 Aug 2019 11:26 pm

Tgt Ion:114 Resp: 149102

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	39.1

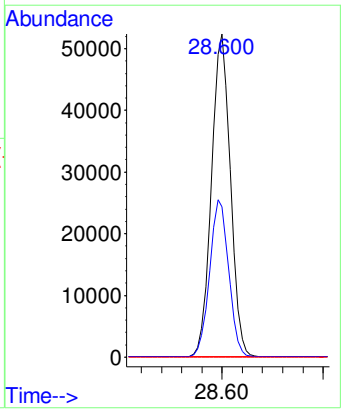




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.599 min Scan# 5428
Delta R.T. -0.012 min
Lab File: N19HS013.D
Acq: 19 Aug 2019 11:26 pm

Tgt Ion:117 Resp: 136340

Ion	Ratio	Lower	Upper
117	100		
82	48.9	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS014.D
Acq On : 20 Aug 2019 12:30 am
Operator : KSS
Sample : 9081943-06
Misc : ACORN 8/15/19
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 08:24:20 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards

	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.280	66	56277	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.496	114	148281	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.600	117	132103	4.7400 ppbv	-0.01

System Monitoring Compounds

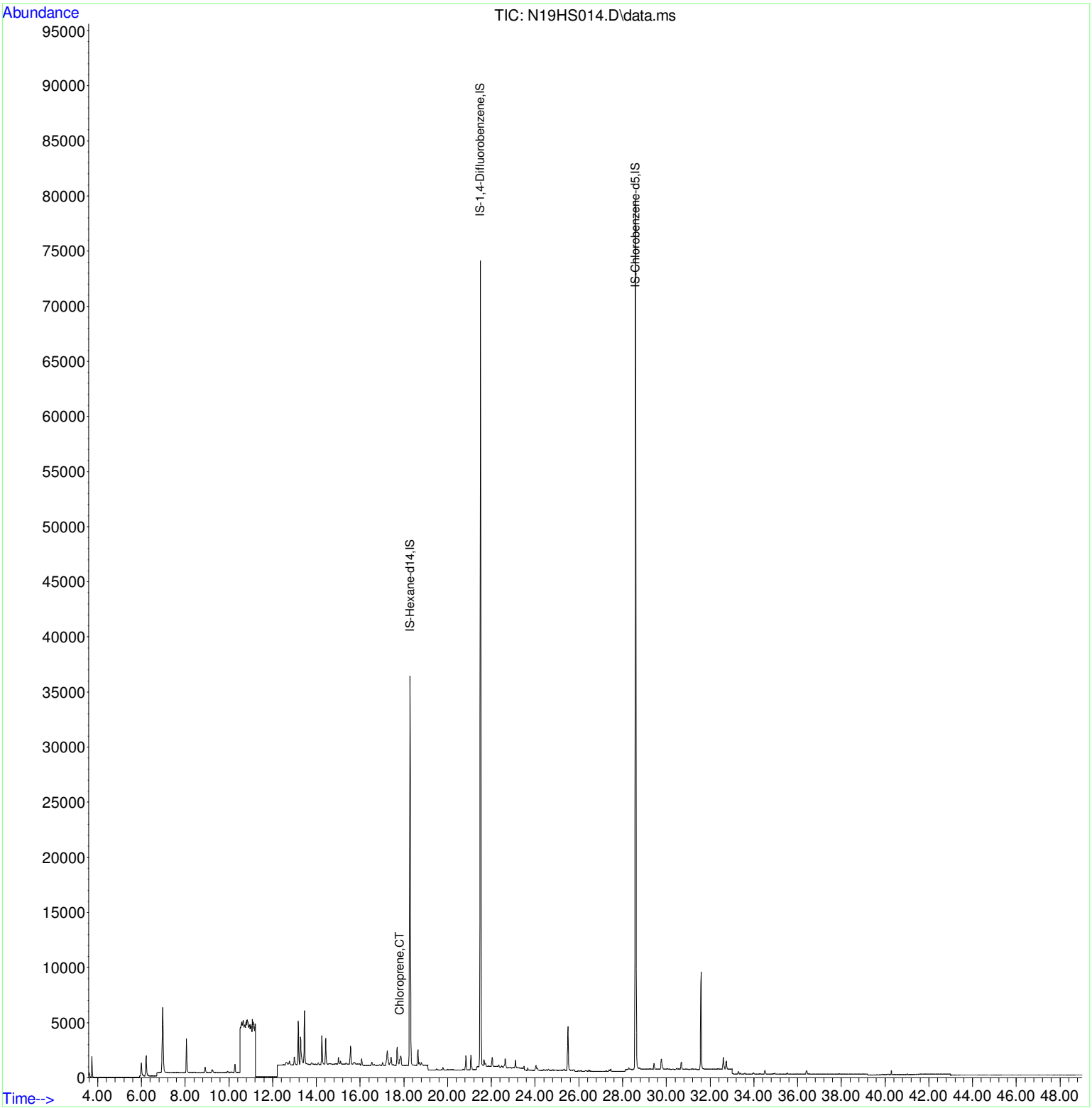
Target Compounds

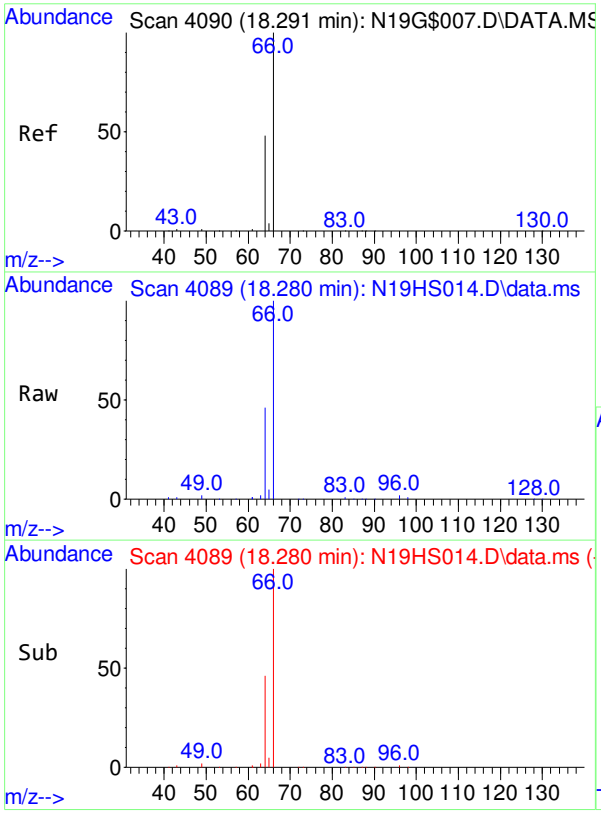
					Qvalue
2) Chloroprene	17.803	53	637	0.0868 ppbv	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS014.D
Acq On : 20 Aug 2019 12:30 am
Operator : KSS
Sample : 9081943-06
Misc : ACORN 8/15/19
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 08:24:20 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

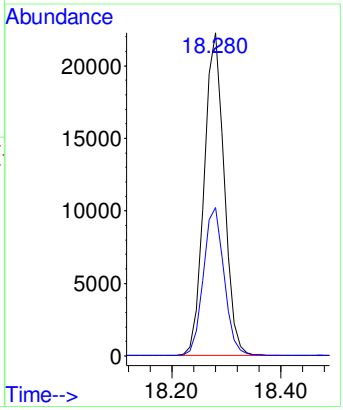


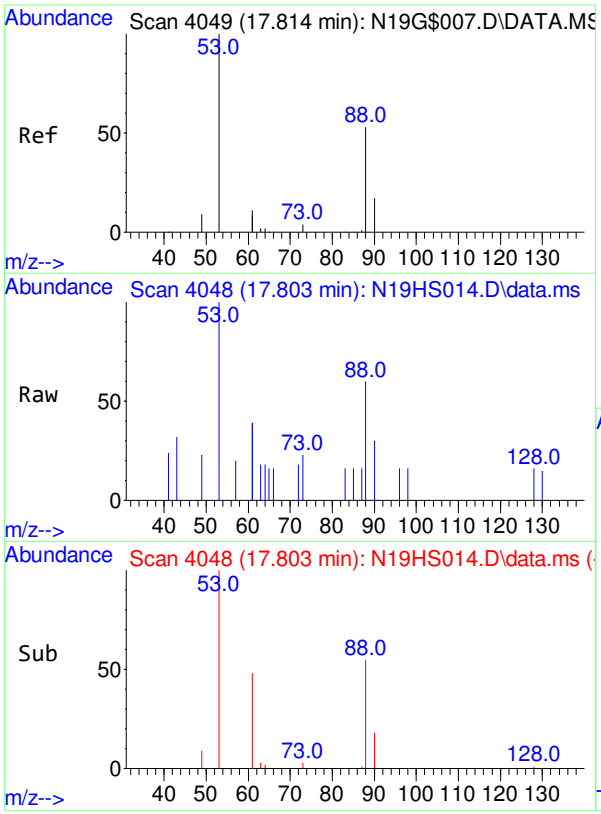


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.280 min Scan# 4089
Delta R.T. -0.011 min
Lab File: N19HS014.D
Acq: 20 Aug 2019 12:30 am

Tgt Ion: 66 Resp: 56277

Ion	Ratio	Lower	Upper
66	100		
64	47.3	35.3	65.5

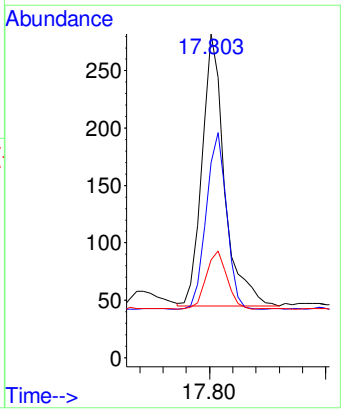


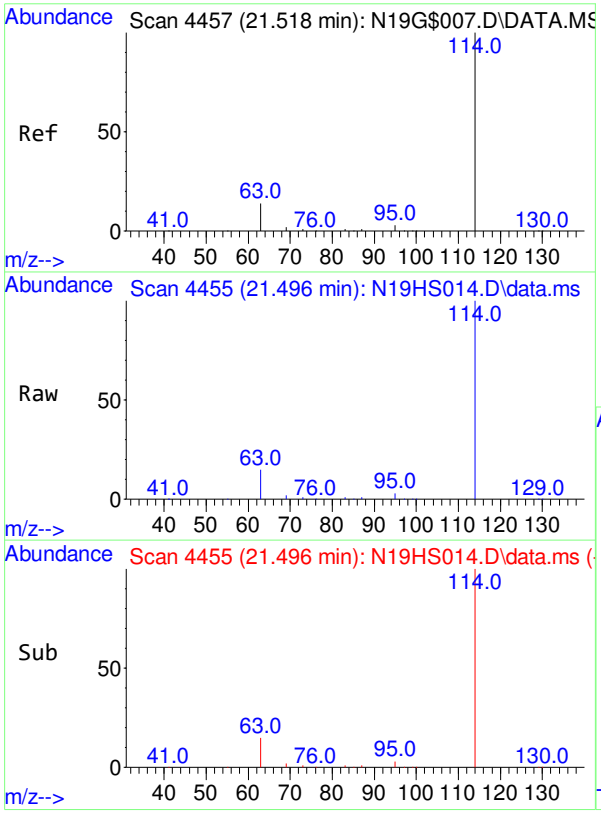


#2
Chloroprene
Concen: 0.087 ppbv
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS014.D
Acq: 20 Aug 2019 12:30 am

Tgt Ion: 53 Resp: 637

Ion	Ratio	Lower	Upper
53	100		
88	59.3	45.1	67.7
90	20.4	14.5	21.7

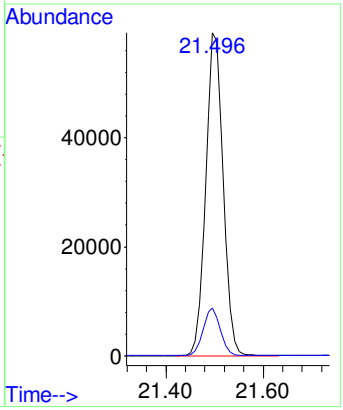


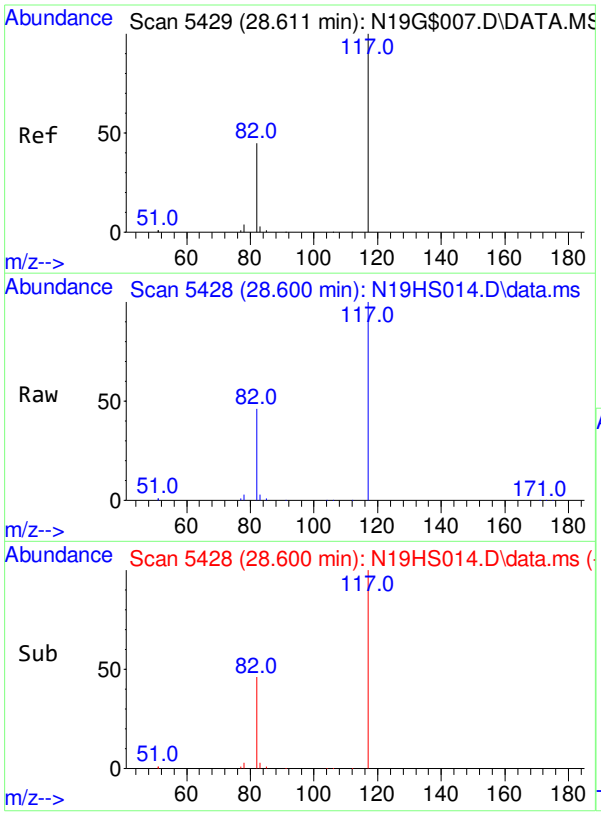


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.496 min Scan# 4455
Delta R.T. -0.022 min
Lab File: N19HS014.D
Acq: 20 Aug 2019 12:30 am

Tgt Ion:114 Resp: 148281

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	39.1

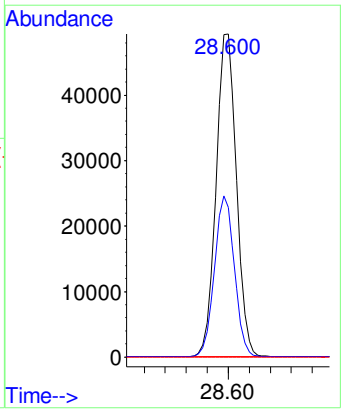




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.600 min Scan# 5428
Delta R.T. -0.011 min
Lab File: N19HS014.D
Acq: 20 Aug 2019 12:30 am

Tgt Ion:117 Resp: 132103

Ion	Ratio	Lower	Upper
117	100		
82	48.9	23.1	83.1
54	0.0	0.0	30.0



Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS015.D
Acq On : 20 Aug 2019 1:34 am
Operator : KSS
Sample : 9081943-07
Misc : 238 CHAD 8/15/19
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 08:24:23 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) IS-Hexane-d14	18.280	66	57511	4.7700 ppbv	-0.01
3) IS-1,4-Difluorobenzene	21.496	114	148536	4.9900 ppbv	-0.02
4) IS-Chlorobenzene-d5	28.600	117	133881	4.7400 ppbv	-0.01

System Monitoring Compounds

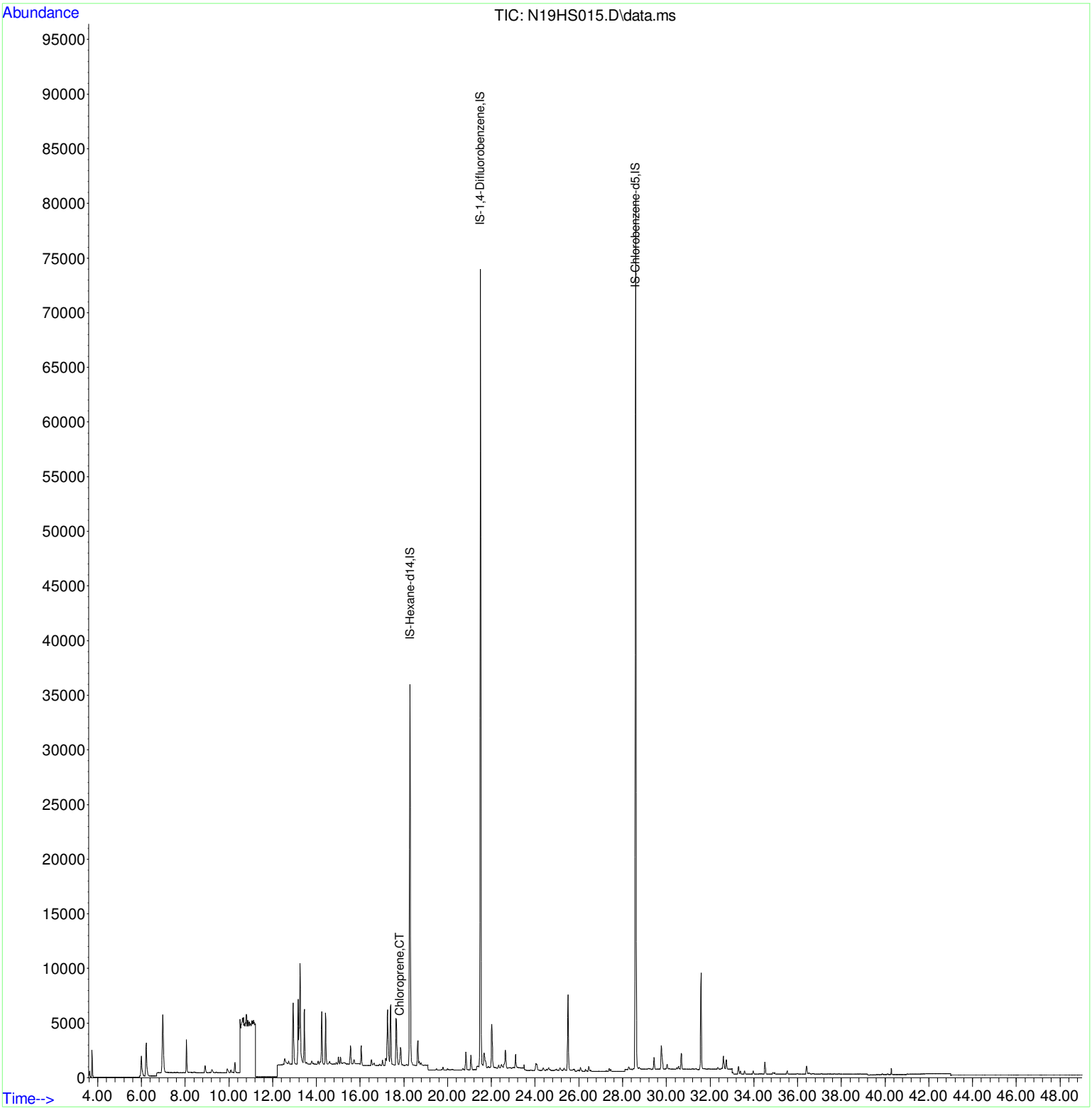
Target Compounds					Qvalue
2) Chloroprene	17.803	53	382m	0.0509 ppbv	

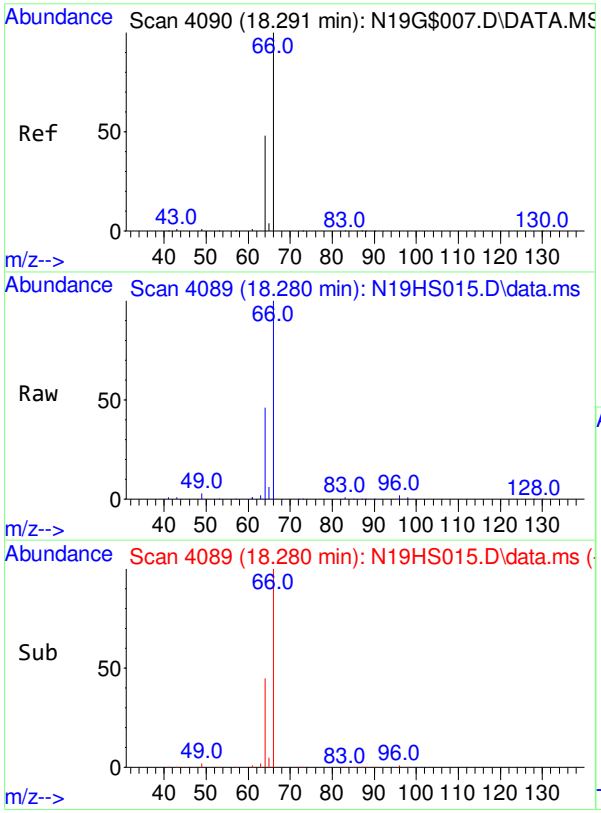
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\MASS SPEC 4 DATA\N19HS\
Data File : N19HS015.D
Acq On : 20 Aug 2019 1:34 am
Operator : KSS
Sample : 9081943-07
Misc : 238 CHAD 8/15/19
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 08:24:23 2019
Quant Method : C:\msdchem\1\METHODS\9080002_CP.M
Quant Title : TO-15 by Selective Ion Analysis
QLast Update : Fri Aug 16 09:47:11 2019
Response via : Initial Calibration

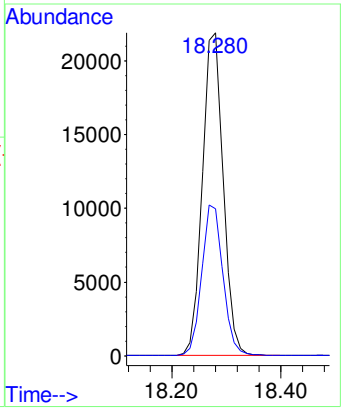


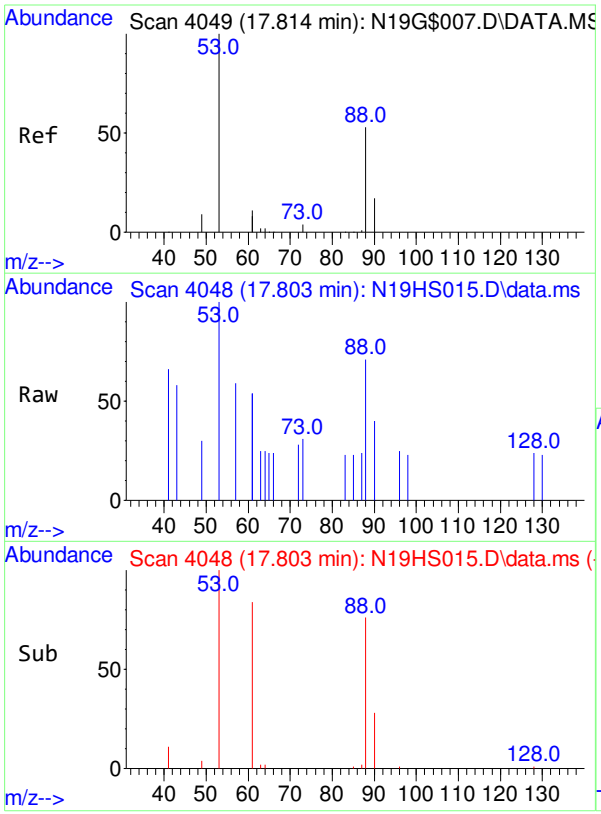


#1
IS-Hexane-d14
Concen: 4.7700 ppbv
RT: 18.280 min Scan# 4089
Delta R.T. -0.011 min
Lab File: N19HS015.D
Acq: 20 Aug 2019 1:34 am

Tgt Ion: 66 Resp: 57511

Ion	Ratio	Lower	Upper
66	100		
64	47.2	35.3	65.5

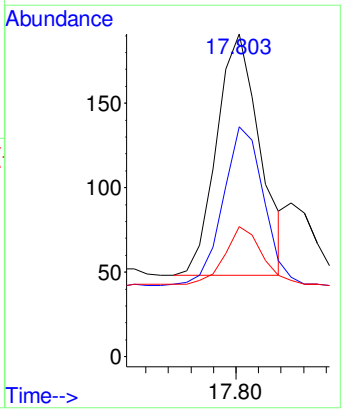


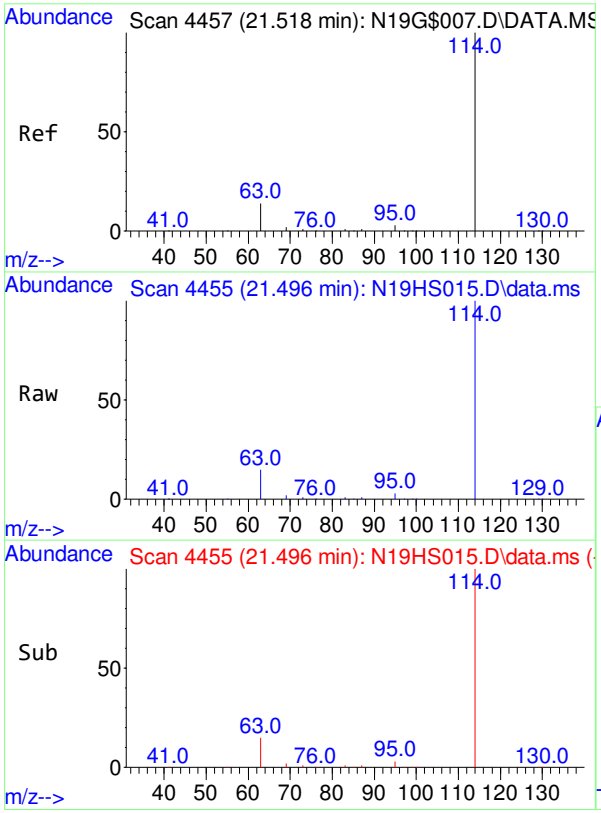


#2
Chloroprene
Concen: 0.051 ppbv m
RT: 17.803 min Scan# 4048
Delta R.T. -0.011 min
Lab File: N19HS015.D
Acq: 20 Aug 2019 1:34 am

Tgt Ion: 53 Resp: 382

Ion	Ratio	Lower	Upper
53	100		
88	62.0	45.1	67.7
90	20.2	14.5	21.7

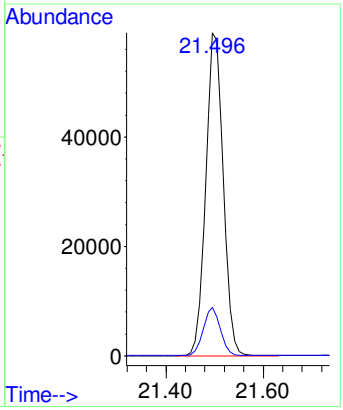


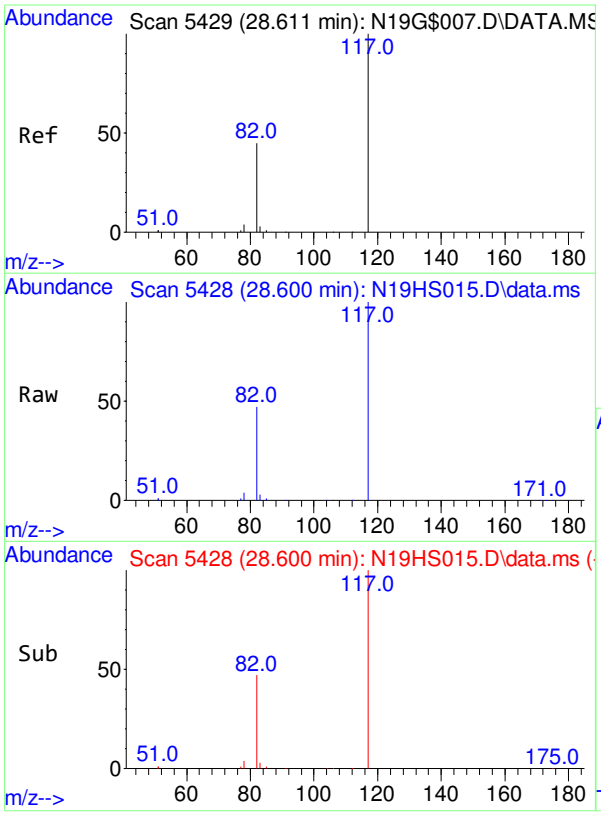


#3
IS-1,4-Difluorobenzene
Concen: 4.9900 ppbv
RT: 21.496 min Scan# 4455
Delta R.T. -0.022 min
Lab File: N19HS015.D
Acq: 20 Aug 2019 1:34 am

Tgt Ion:114 Resp: 148536

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	39.1

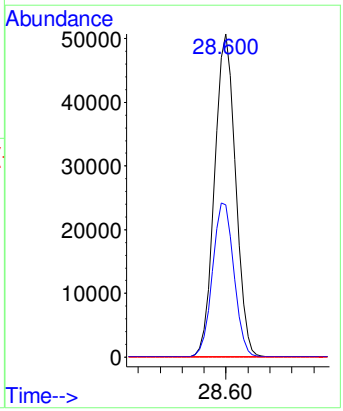




#4
IS-Chlorobenzene-d5
Concen: 4.7400 ppbv
RT: 28.600 min Scan# 5428
Delta R.T. -0.011 min
Lab File: N19HS015.D
Acq: 20 Aug 2019 1:34 am

Tgt Ion:117 Resp: 133881

Ion	Ratio	Lower	Upper
117	100		
82	48.7	23.1	83.1
54	0.0	0.0	30.0



ERG Lab ID # 9081943-01

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: 5TH WARD ELEM

Canister Number: 18873

City/State: LAPLACE, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H1-644

Collection Date: 8/14/19 (15)

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): N

TOXICS (Y/N): CHLOROPRENE

Duplicate Can # : —

METHANE (Y/N):

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24-HR

System #: PR-29

Elapsed Timer Reset (Y/N): N

Setup Date: 8/14/19 1444

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1459

Sample Duration (3 or 24 hr): 24-HR

Operator: [signature]

Elapsed Time: 24.25

Field Final Can. Press.: -10 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 8.50 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Lab ID # 9081943-02

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: LEVEE

Canister Number: A21011

City/State: LaPlace, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H2-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): Y

TOXICS (Y/N): CHLOROPRENE

Duplicate Can # : A21045

METHANE (Y/N):

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24.hr

System #: PR-28

Elapsed Timer Reset (Y/N): Y

Setup Date: 8/14/19 1440

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1456

Sample Duration (3 or 24 hr): 24.hr

Operator: [signature]

Elapsed Time: 24.27

Field Final Can. Press.: -9 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 11.00 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Eastern Research Group, Inc.

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

ERG Lab ID # 9081943-03

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: LEVEE

Canister Number: A21045

City/State: LA PLACE, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H1-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): Y

TOXICS (Y/N): CHLOROPRENE

Duplicate Can # : A21011

METHANE (Y/N)

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24 HR

System #: PR-26

Elapsed Timer Reset (Y/N): -1

Setup Date: 8/14/19 1440

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1456

Sample Duration (3 or 24 hr): 24 HR

Operator: [signature]

Elapsed Time: 24.27

Field Final Can. Press.: -9 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 9.50 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Lab ID # 9081943-04

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: E. St. John HS

Canister Number: 0049

City/State: LaPlace, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H2-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): N

TOXICS (Y/N): Chlorobenzene

Duplicate Can # : –

METHANE (Y/N):

Relinquished by: RB

Date: 8/6/19

Field Setup

Received by:

Date: 8/14/19

Operator:

MFC Setting: 24.4

System #: PR-24

Elapsed Timer Reset (Y/N): N

Setup Date: 8/14/19 1412

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1435

Sample Duration (3 or 24 hr): 24.4

Operator:

Elapsed Time: 24.38

Field Final Can. Press.: -7 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by:

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 8.50 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Eastern Research Group, Inc.

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

ERG Lab ID # 9081943-05

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: OCHSMORS

Canister Number: 5137

City/State: LaPlace, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H1-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): N

TOXICS (Y/N): CHLOROPRENE

Duplicate Can # : —

METHANE (Y/N):

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24-hr

System #: PR-18

Elapsed Timer Reset (Y/N): N

Setup Date: 8/14/19 1420

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1439

Sample Duration (3 or 24 hr): 24-hr

Operator: [signature]

Elapsed Time: 24.32

Field Final Can. Press.: -12 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 10.00 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Lab ID # 9081943-06

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: Acorn & Hwy 44

Canister Number: 18876

City/State: LaPlace, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H1-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): N

TOXICS (Y/N): CHLOROPRENE

Duplicate Can # : —

METHANE (Y/N):

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24-hr

System #: PR-33

Elapsed Timer Reset (Y/N): N

Setup Date: 8/14/19 1434

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1452

Sample Duration (3 or 24 hr): 24-hr

Operator: [signature]

Elapsed Time: 24.33

Field Final Can. Press.: -7.5 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 9.50 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy

ERG Eastern Research Group, Inc.

601 Keystone Park Drive, Suite 700, Morrisville, NC 27560

ERG Lab ID # 9081943-07

AIR TOXICS SAMPLE CHAIN OF CUSTODY

Lab Pre-Sampling

Site Code: 238 Chad Barker

Canister Number: N4121

City/State: LaPlace, LA

Lab Initial Can. Press. ("Hg): 29.6

AQS Code:

Cleaning Batch # : H2-644

Collection Date: 8/15/19

Date Can. Cleaned: 7/29/19

Options:

SNMOC (Y/N):

Duplicate Event (Y/N): N

TOXICS (Y/N): Chloroprene

Duplicate Can # : —

METHANE (Y/N):

Relinquished by: KB

Date: 8/6/19

Field Setup

Received by: [signature]

Date: 8/14/19

Operator: [signature]

MFC Setting: 24-hr

System #: PR-27

Elapsed Timer Reset (Y/N): N

Setup Date: 8/14/19 1447

Canister Valve Opened (Y/N): Y

Field Initial Can. Press.: -30 psig psia "Hg (Circle one)

Field Recovery

Recovery Date: 8/15/19 1502

Sample Duration (3 or 24 hr): 24-hr

Operator: [signature]

Elapsed Time: 24.25

Field Final Can. Press.: -7 psig psia "Hg (Circle one)

Status: VALID VOID (Circle one)

Canister Valve Closed (Y/N): Y

Relinquished by: [signature]

Date: 8/16/19

Lab Recovery

Received by: EL

Date: 8/19/19

Lab Final Can. Press.: 9.00 psig "Hg (Circle one)

Converted to psia:

Status: VALID VOID (Circle one)

Gauge: 1 2 (Circle one)

If void, why:

Samples stored in Air Tox Lab (Room 130)

5-2016

Comments:

White: Sample Traveler

Canary: Lab Copy

Pink: Field Copy