Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052020\
Data File : VX016358.D
Acq On : 20 May 2020 14:29
Operator : JC/SP
Sample : L2673-02DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 21 03:52:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	254223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	421340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	147275	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.04%			
35) Dibromofluoromethane	5.47	113	122184	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
50) Toluene-d8	8.70	98	514252	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.12	95	199541	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.02%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	671	0.364	ug/l	87
11) Tert butyl alcohol	3.00	59	1101	1.302	ug/l #	83
13) Acrolein	2.25	56	231	0.436	ug/l #	1
15) Acrylonitrile	3.11	53	366	0.209	ug/l	89
16) Acetone	2.42	43	454320	304.372	ug/l	93
17) Carbon Disulfide	2.56	76	951	Below Cal		98
25) 2-Butanone	4.65	43	1332	0.554	ug/l #	84
26) 2,2-Dichloropropane	4.65	77	960	0.206	ug/l #	53
31) Cyclohexane	5.55	56	2022	0.435	ug/l #	85
36) 1,1-Dichloropropene	5.64	75	18454	4.449	ug/l #	45
38) Carbon Tetrachloride	5.63	117	24124	5.723	ug/l #	14
39) Methylcyclohexane	7.45	83	1115	0.223	ug/l #	82
40) Benzene	6.12	78	38320	3.158	ug/l	96
49) 1,4-Dioxane	7.73	88	116	1.331	ug/l #	1
52) Toluene	8.77	92	216845	28.667	ug/l	100
53) t-1,3-Dichloropropene	8.77	75	2424	0.478	ug/l #	1
67) Ethyl Benzene	10.24	91	25270	1.712	ug/l	99
68) m/p-Xylenes	10.34	106	31834	5.756	ug/l	100
69) o-Xylene	10.68	106	14906	2.804	ug/l	99
73) Isopropylbenzene	11.00	105	4521	0.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.12	83	148	2.105	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	94366	21.488	ug/l #	35
78) n-propylbenzene	11.34	91	4662	0.285	ug/l	96
79) 2-Chlorotoluene	11.42	91	2614	0.270	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	4401	0.370	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	94366	51.207	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	18422	1.533	ug/l	98
85) sec-Butylbenzene	11.79	105	18422	1.332	ug/l #	56
94) Hexachlorobutadiene	13.76	225	30	0.538	ug/l #	18
95) Naphthalene	13.82	128	12046	0.800	ug/l	98

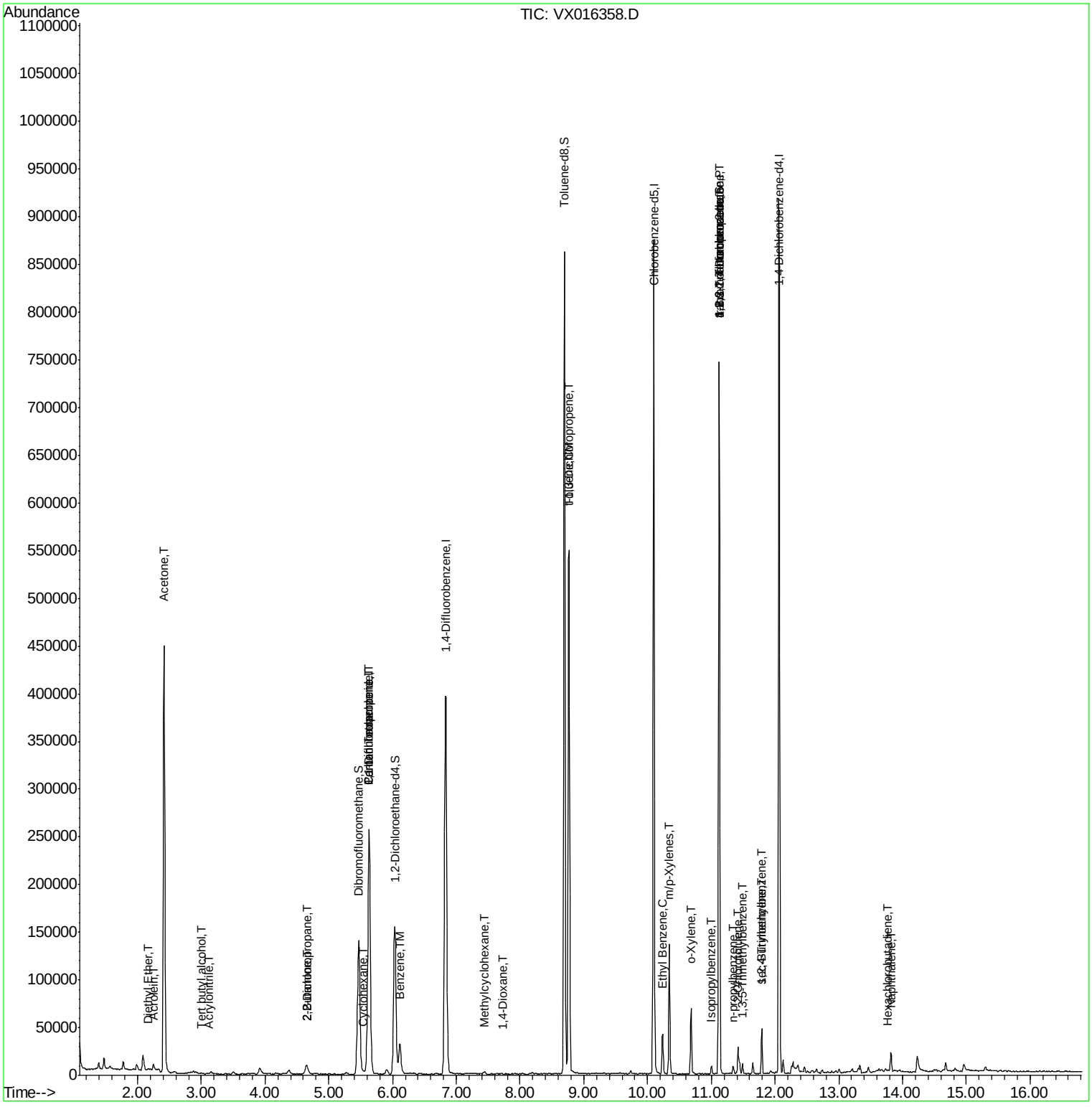
(#) = qualifier out of range (m) = manual integration (+) = signals summed

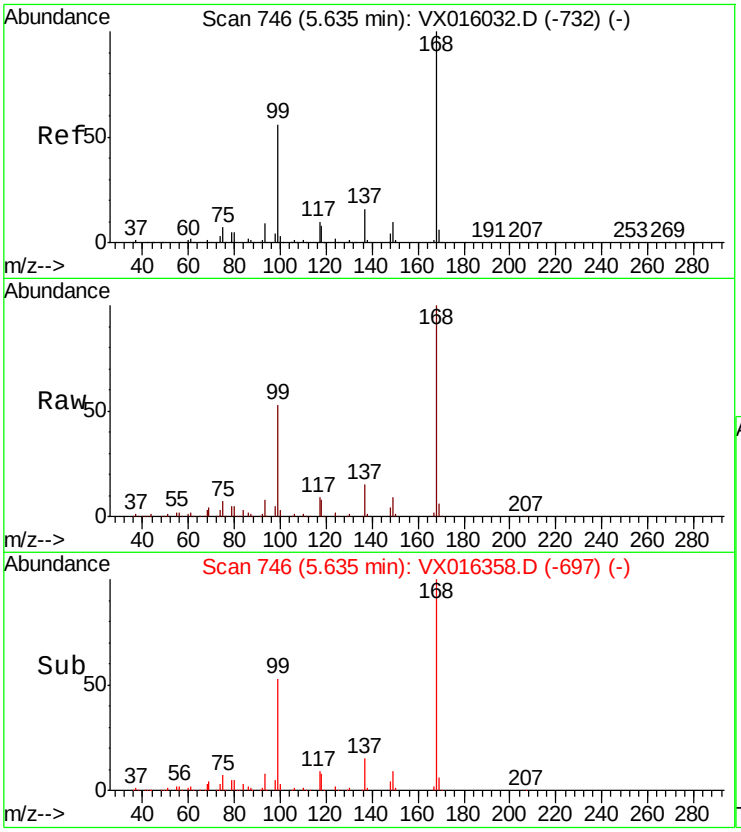
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052020\
Data File : VX016358.D
Acq On : 20 May 2020 14:29
Operator : JC/SP
Sample : L2673-02DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 21 03:52:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



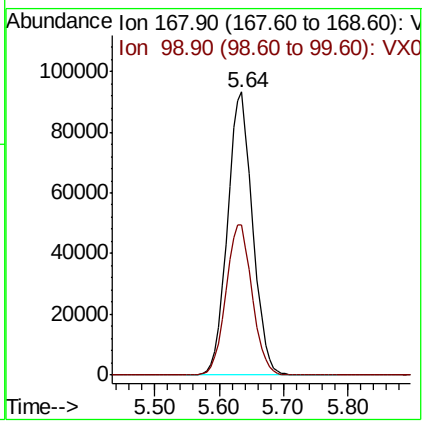


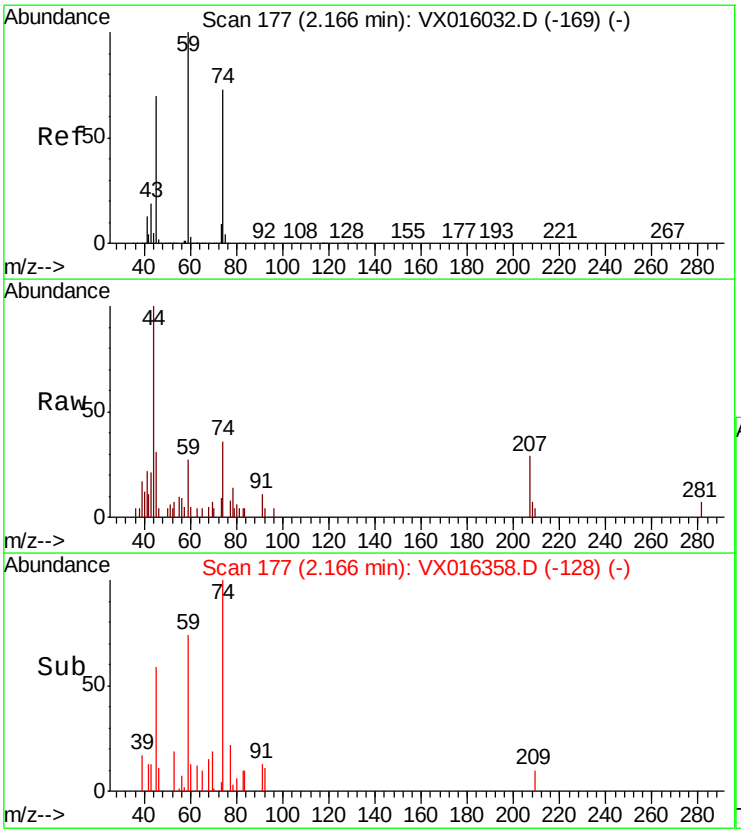
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 254223

Ion	Ratio	Lower	Upper
168	100		
99	52.9	45.0	67.4

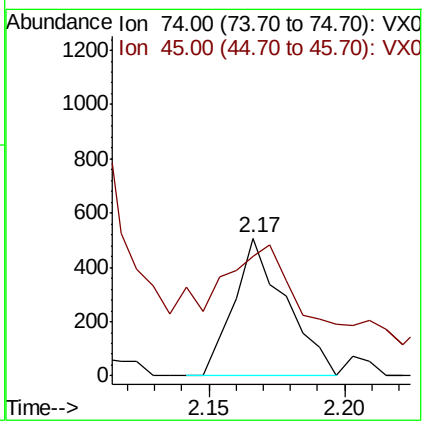


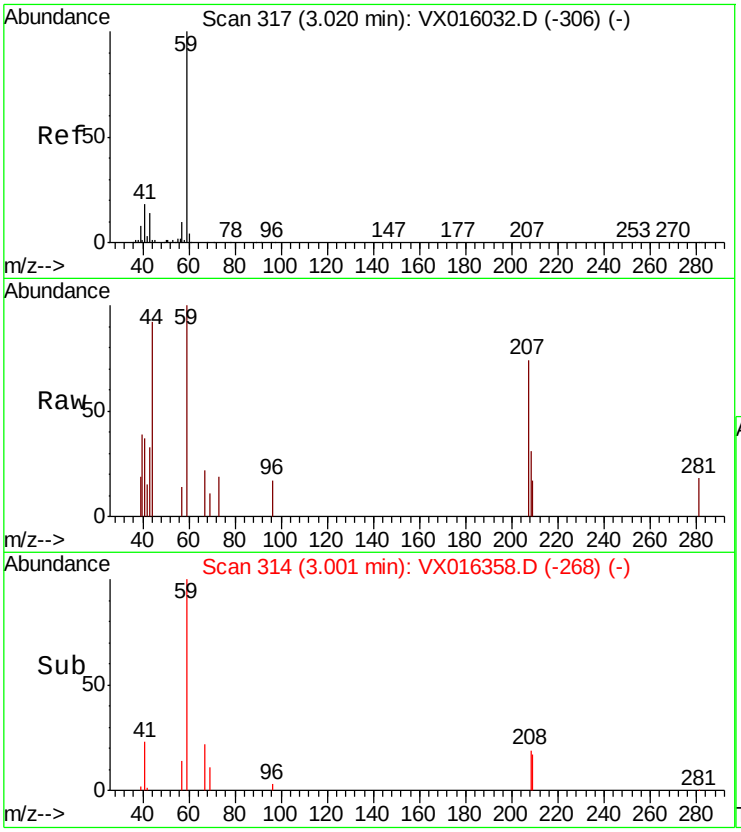


#8
Diethyl Ether
Concen: 0.364 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 74 Resp: 671

Ion	Ratio	Lower	Upper
74	100		
45	107.0	47.3	142.0



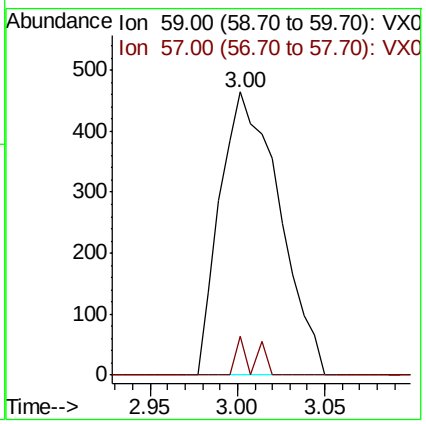


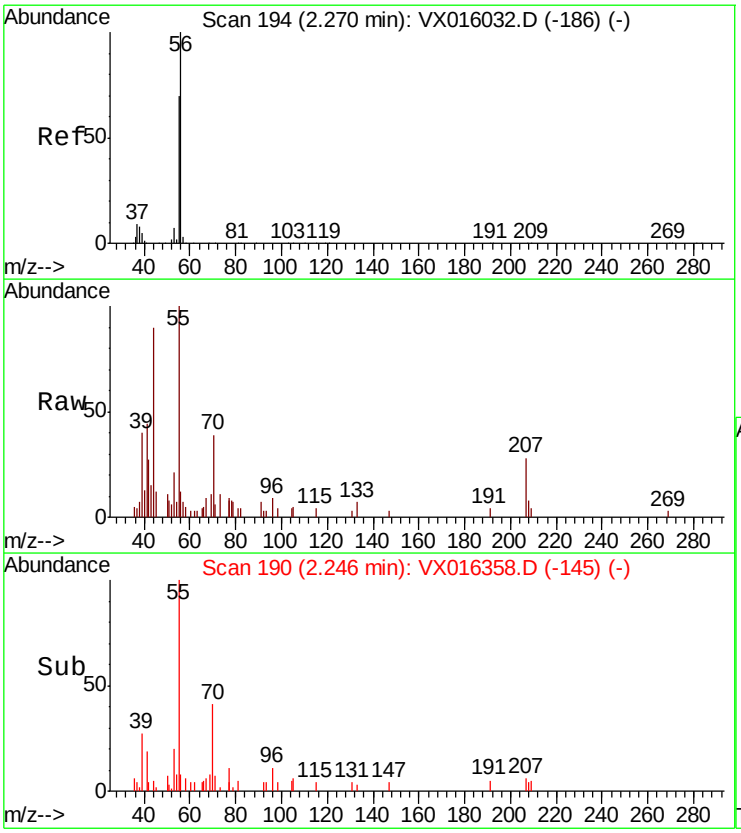
#11
Tert butyl alcohol
Concen: 1.302 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1101

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.2	12.4#

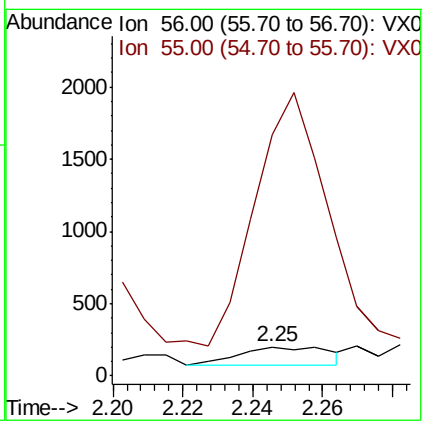


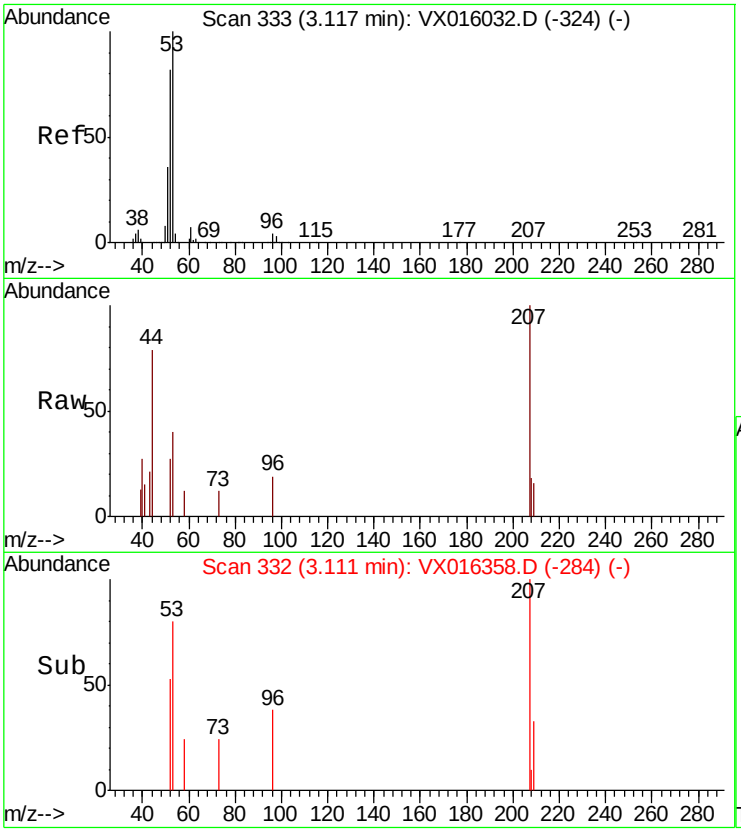


#13
Acrolein
Concen: 0.436 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.02 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 56 Resp: 231

Ion	Ratio	Lower	Upper
56	100		
55	1226.4	56.5	84.7#



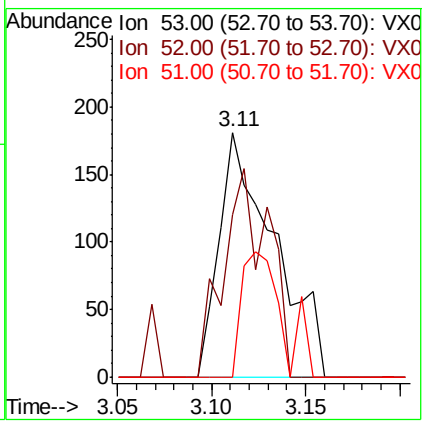


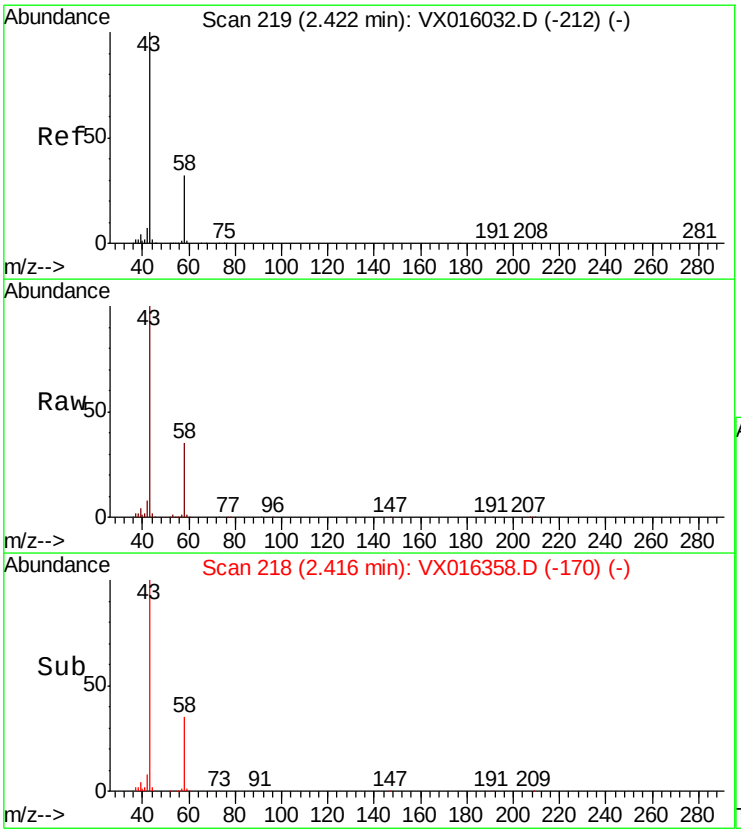
#15
Acrylonitrile
Concen: 0.209 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 366

Ion	Ratio	Lower	Upper
53	100		
52	69.9	66.1	99.1
51	37.7	28.8	43.2

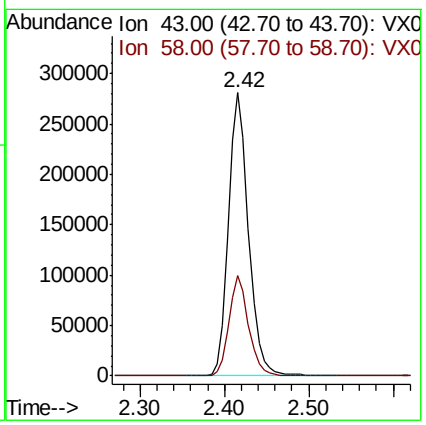


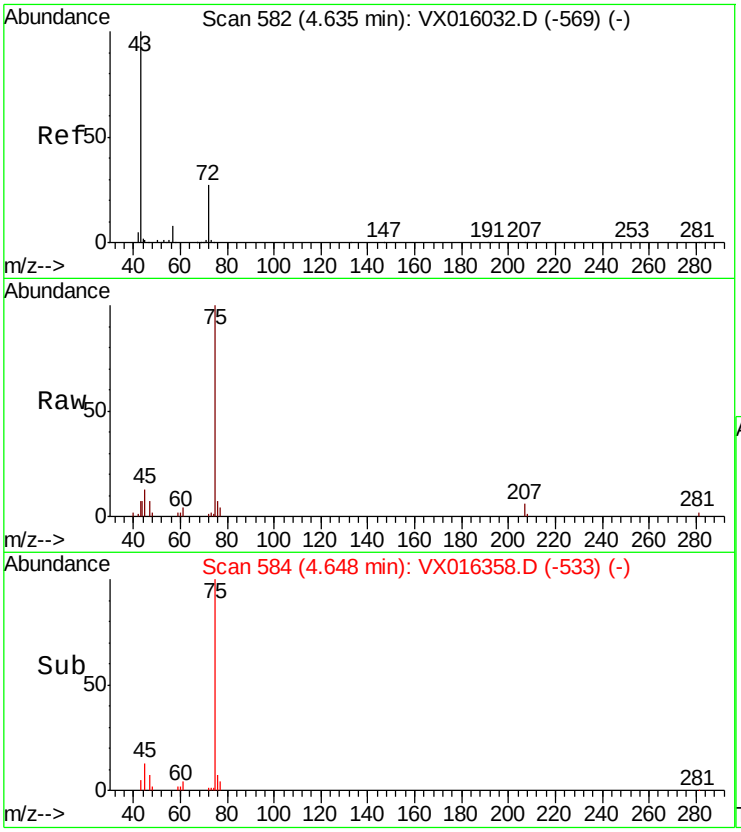


#16
Acetone
Concen: 304.372 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 43 Resp: 454320

Ion	Ratio	Lower	Upper
43	100		
58	35.3	25.4	38.0



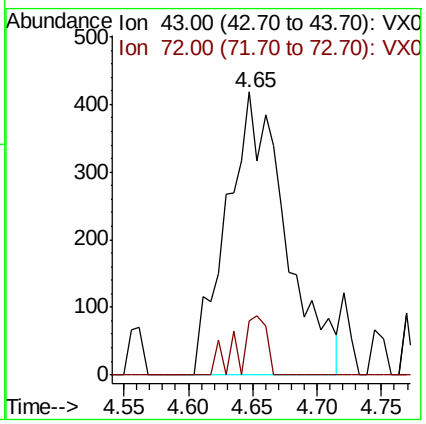


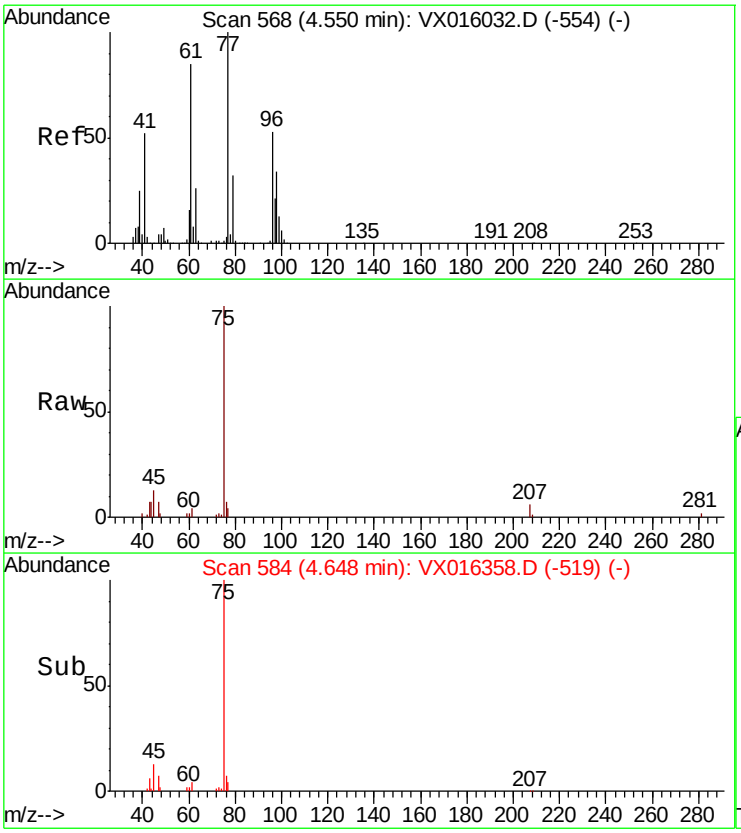
#25
2-Butanone
Concen: 0.554 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1332

Ion	Ratio	Lower	Upper
43	100		
72	19.1	21.8	32.8#

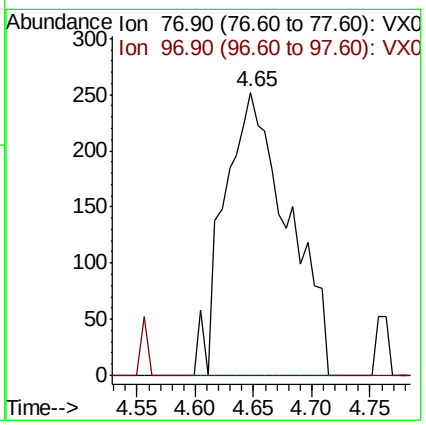


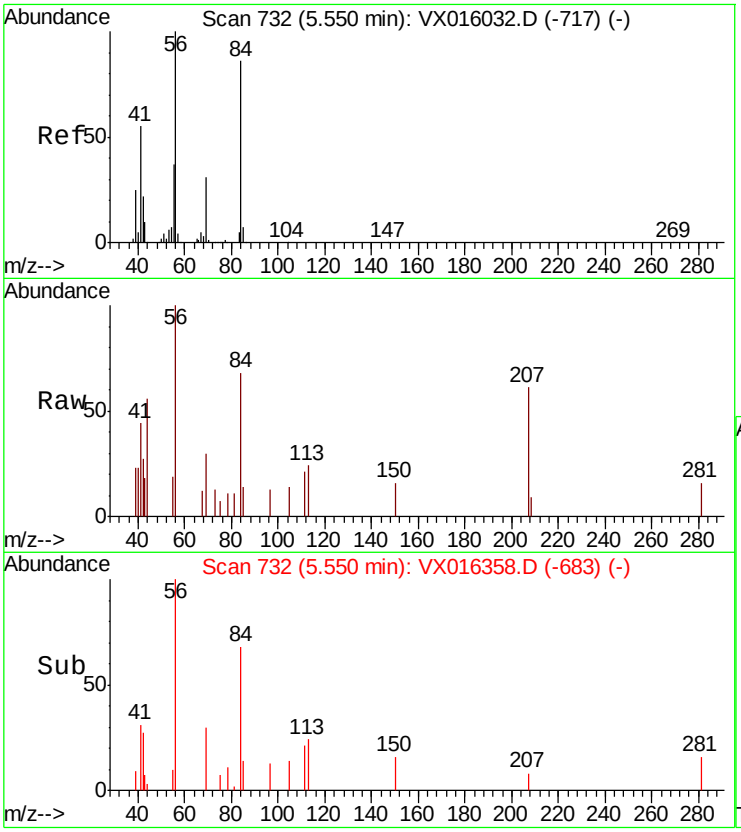


#26
2,2-Dichloropropane
Concen: 0.206 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.10 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 77 Resp: 960

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.6#



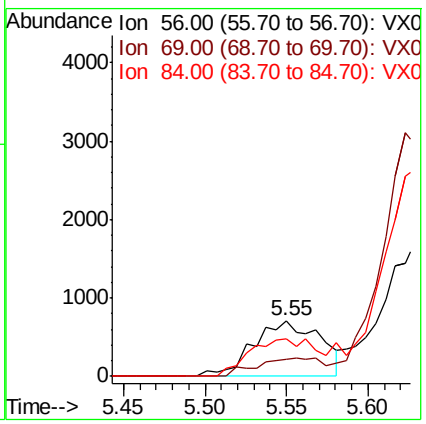


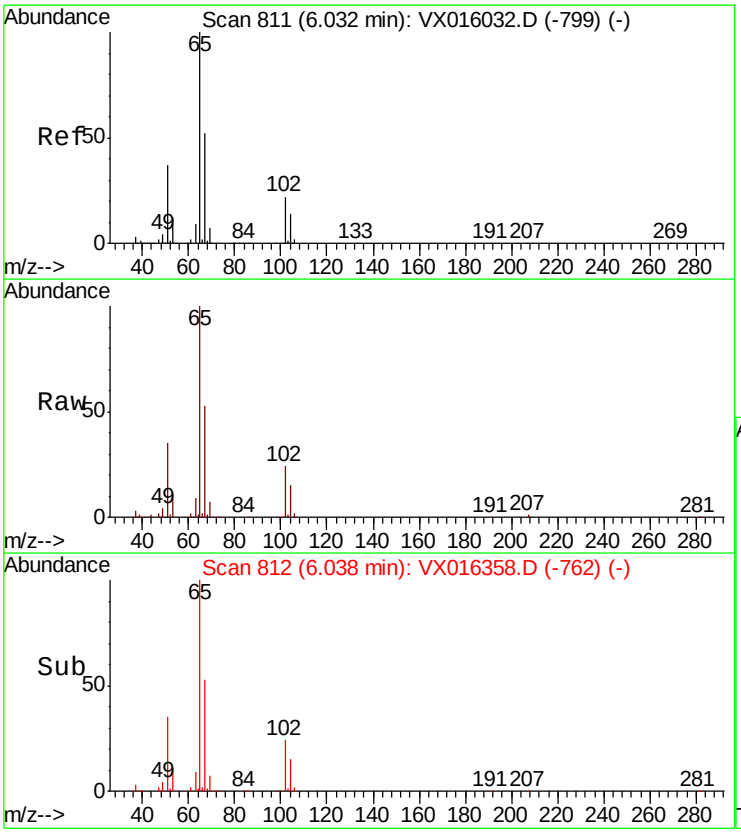
#31
Cyclohexane
Concen: 0.435 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2022

Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.0	37.6
84	68.1	69.0	103.6#

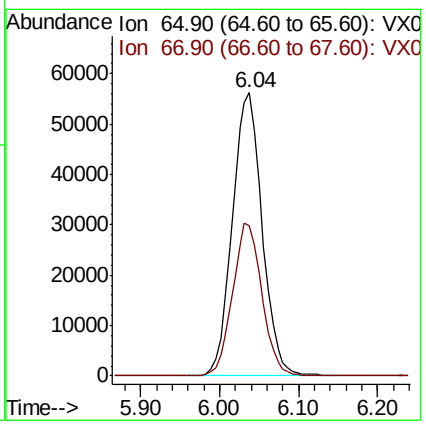


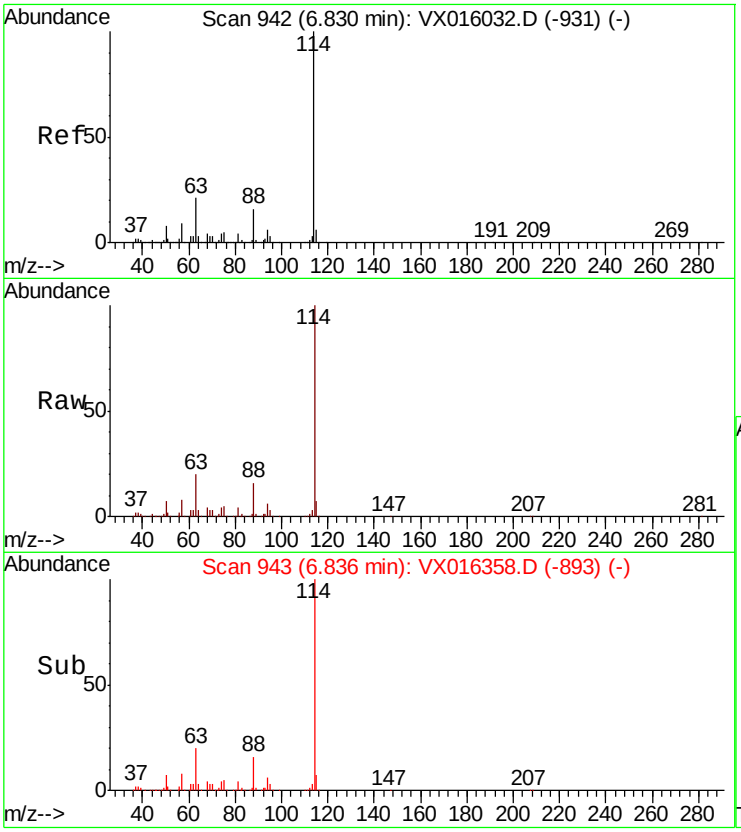


#33
1,2-Dichloroethane-d4
Concen: 44.024 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 65 Resp: 147275

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.8



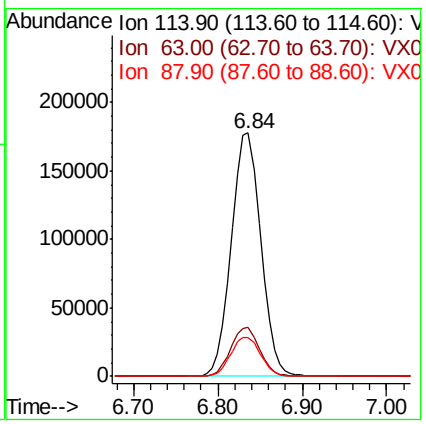


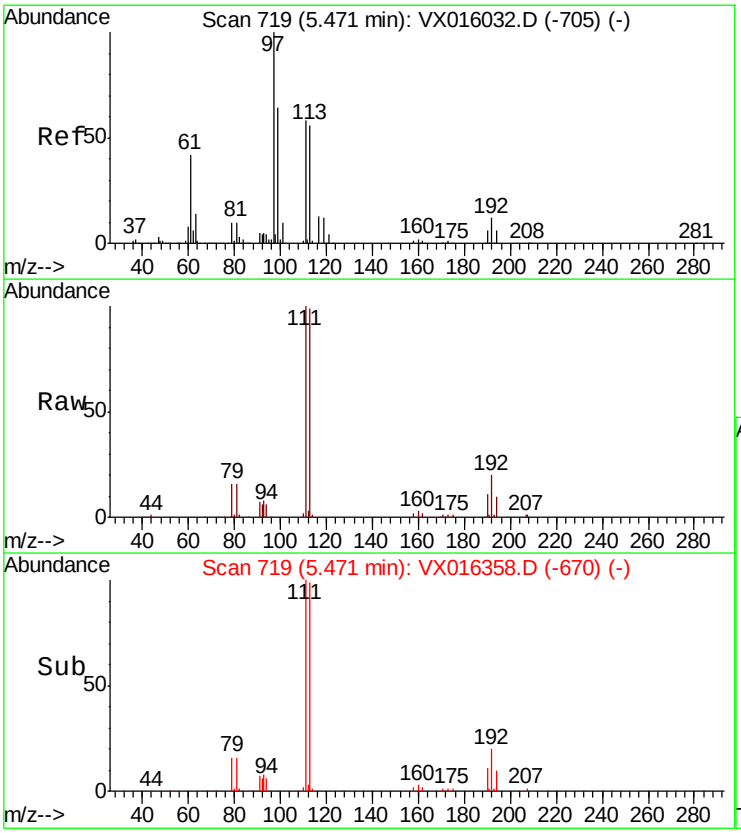
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 421340

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.8
88	16.1	0.0	31.4

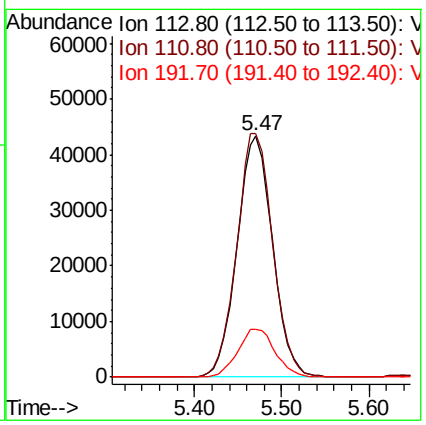


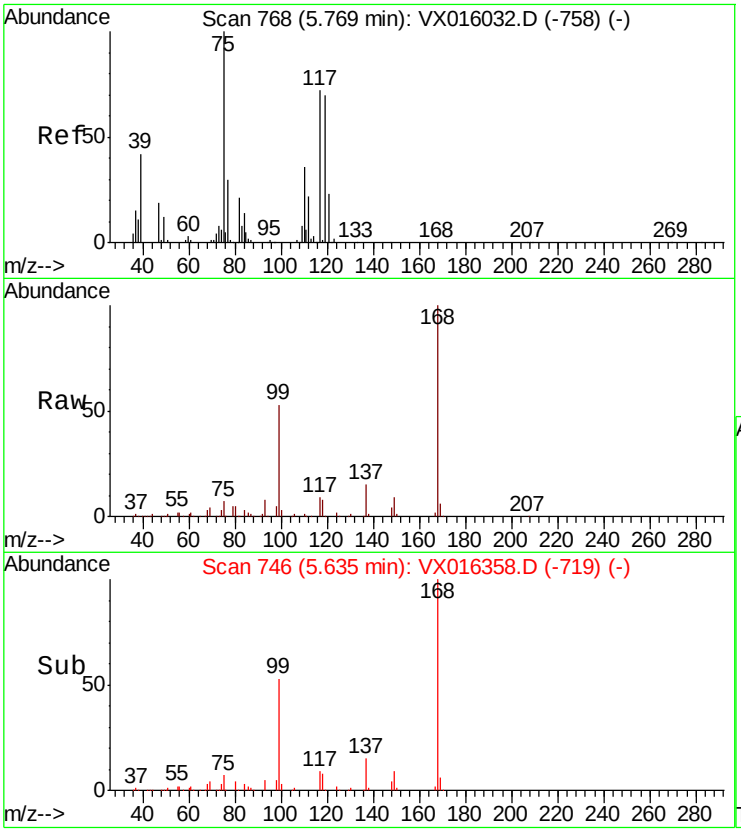


#35
Dibromofluoromethane
Concen: 45.773 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:113 Resp: 122184

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	20.8	17.0	25.4



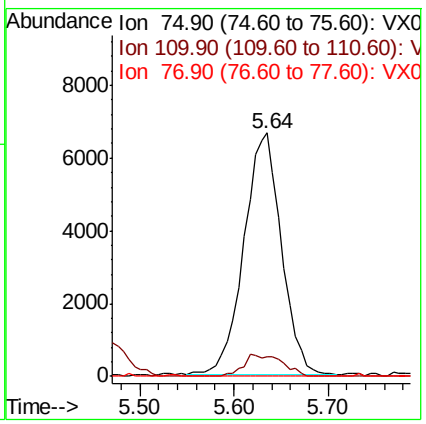


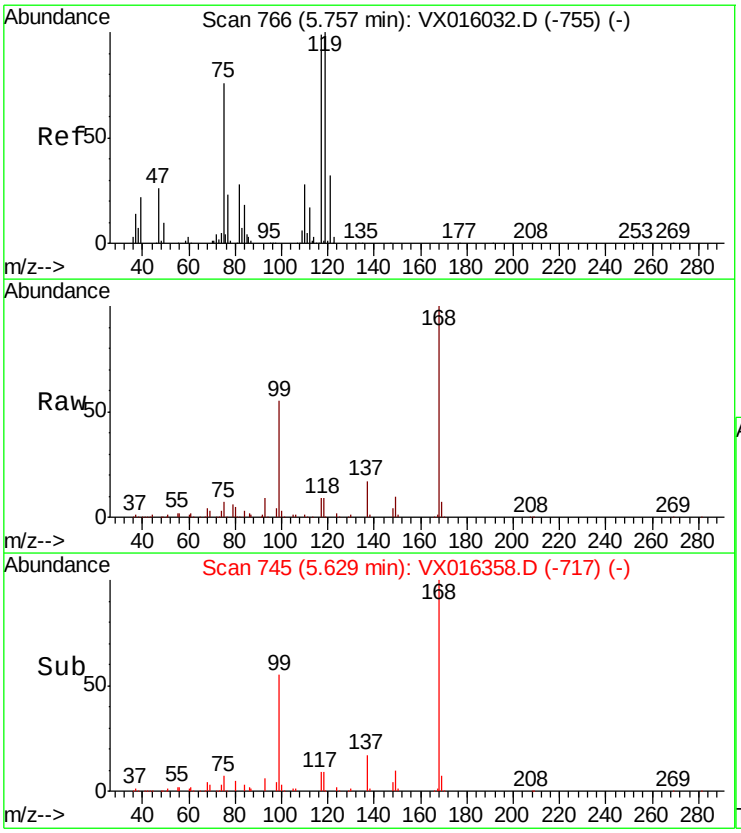
#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 18454

Ion	Ratio	Lower	Upper
75	100		
110	4.5	18.1	54.1#
77	0.0	25.0	37.6#

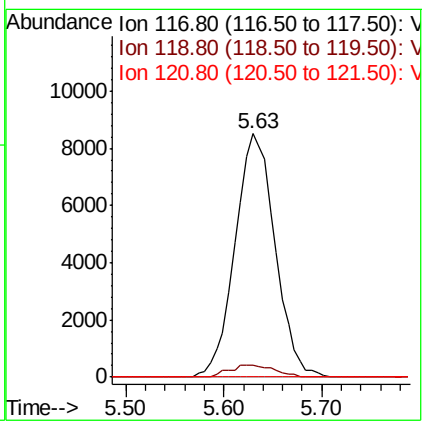


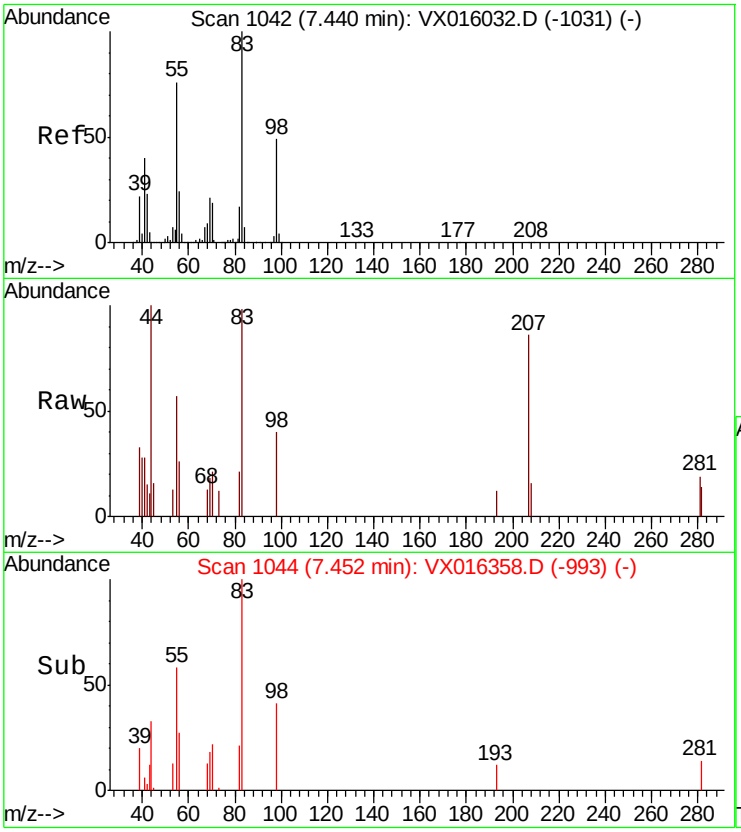


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:117 Resp: 24124

Ion	Ratio	Lower	Upper
117	100		
119	4.8	80.3	120.5#
121	0.0	25.7	38.5#



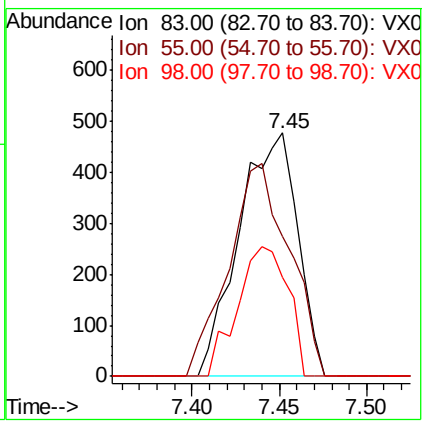


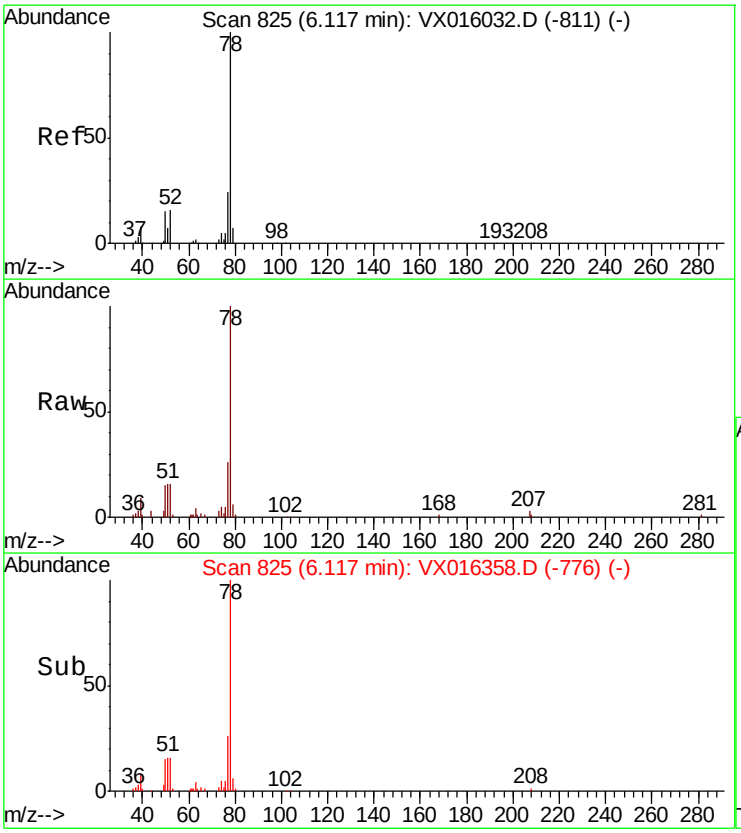
#39
Methylcyclohexane
Concen: 0.223 ug/l
RT: 7.45 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1115

Ion	Ratio	Lower	Upper
83	100		
55	57.7	61.1	91.7#
98	40.9	39.0	58.4

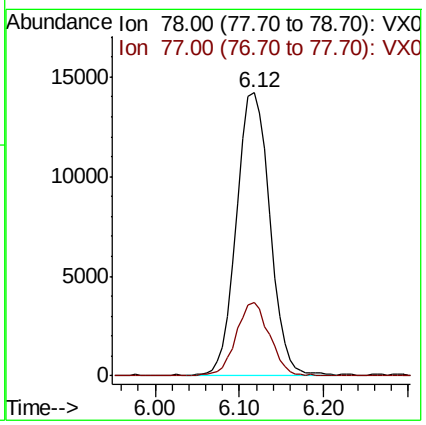


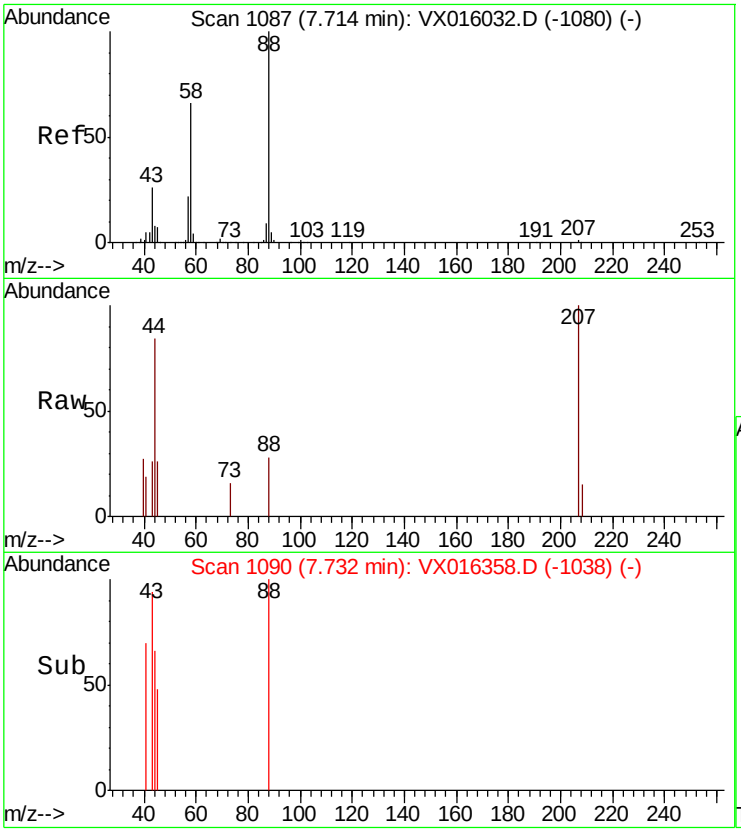


#40
Benzene
Concen: 3.158 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 78 Resp: 38320

Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.0	28.4



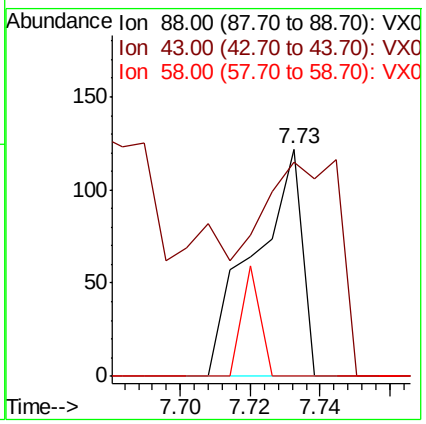


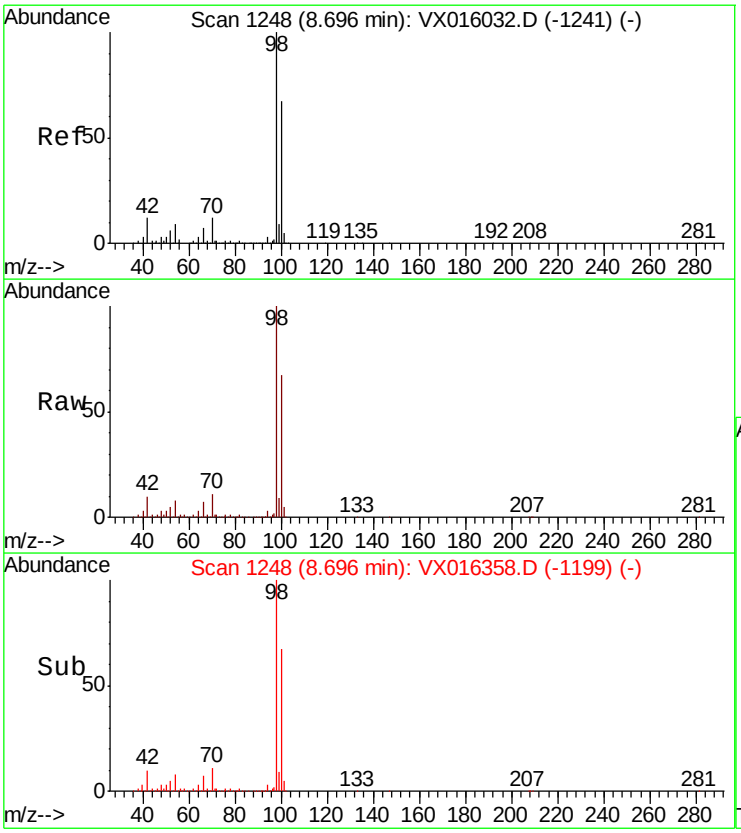
#49
1,4-Dioxane
Concen: 1.331 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 116

Ion	Ratio	Lower	Upper
88	100		
43	161.2	25.3	37.9#
58	0.0	55.9	83.9#

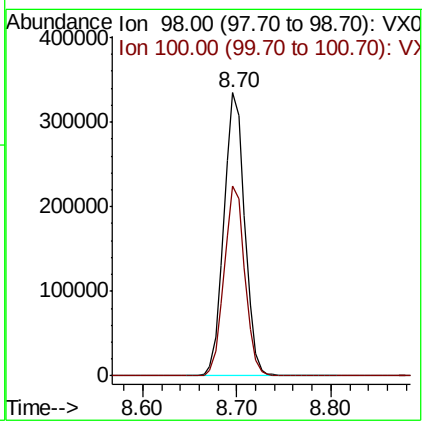


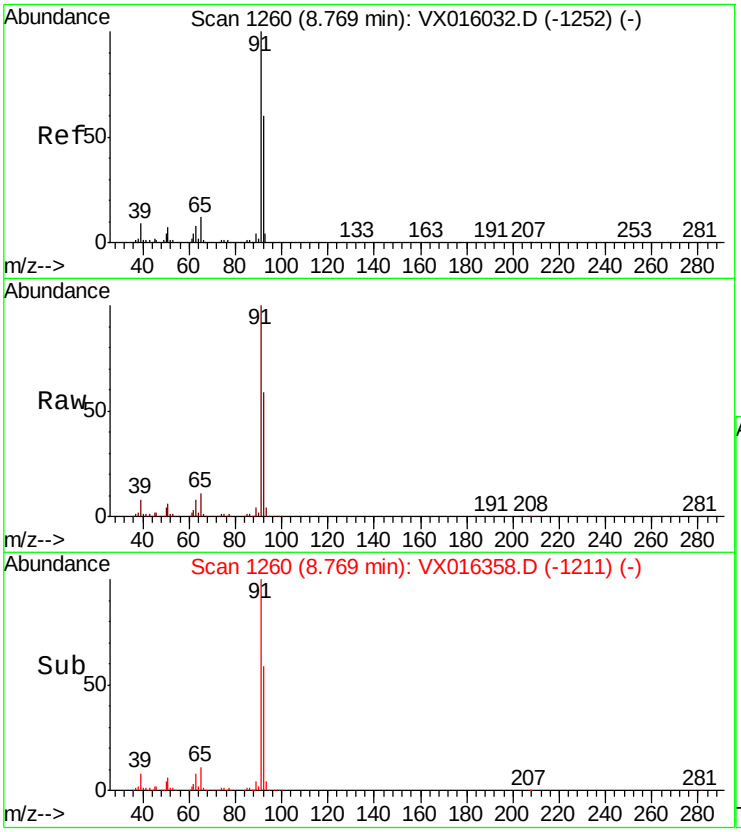


#50
Toluene-d8
Concen: 49.999 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 98 Resp: 514252

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5



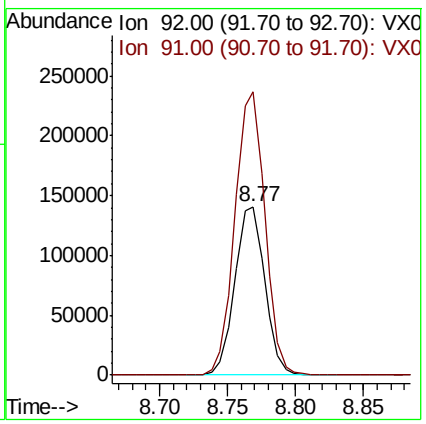


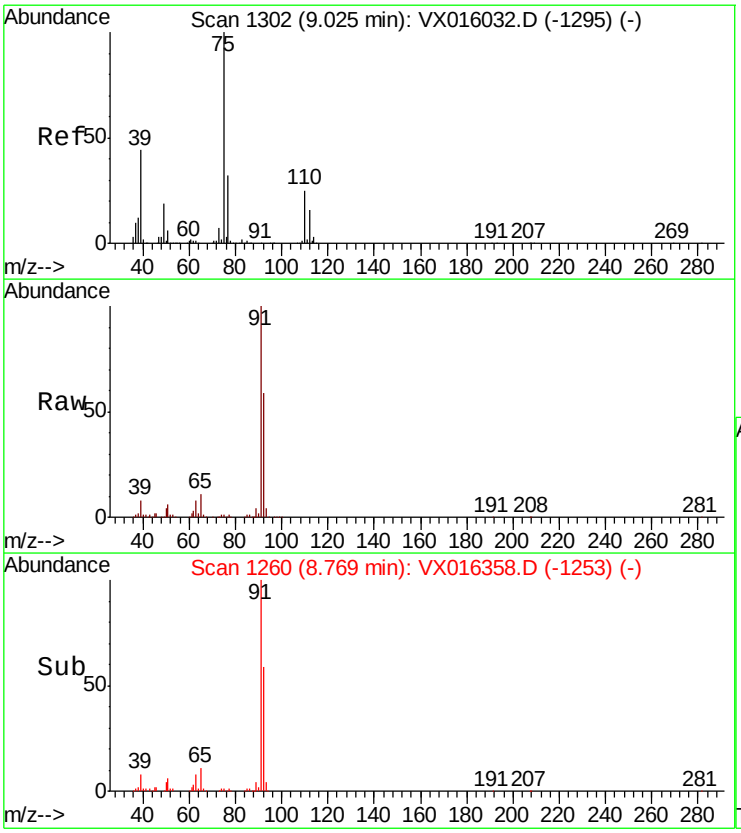
#52
Toluene
Concen: 28.667 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 216845

Ion	Ratio	Lower	Upper
92	100		
91	168.5	134.5	201.7

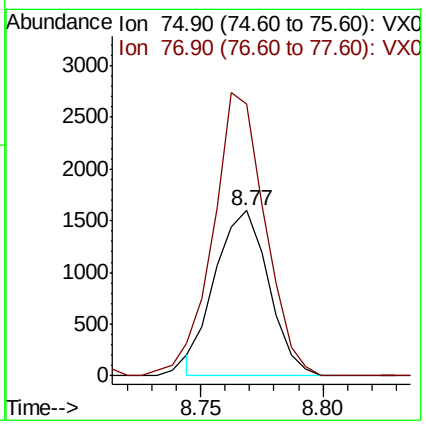


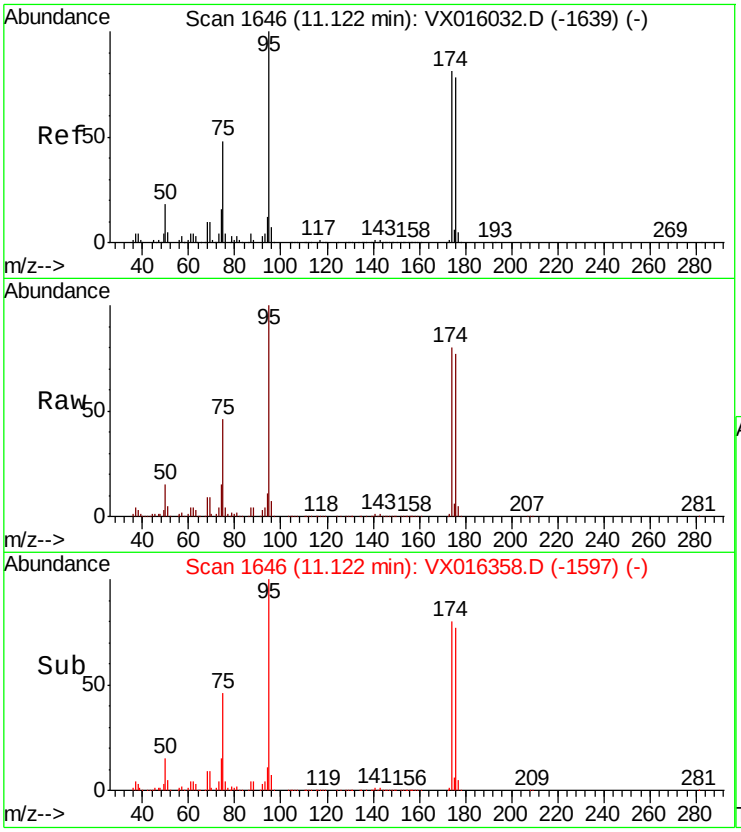


#53
t-1,3-Dichloropropene
Concen: 0.478 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.26 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 75 Resp: 2424

Ion	Ratio	Lower	Upper
75	100		
77	164.7	25.7	38.5#



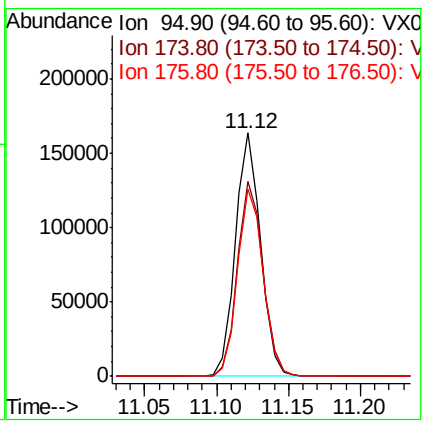


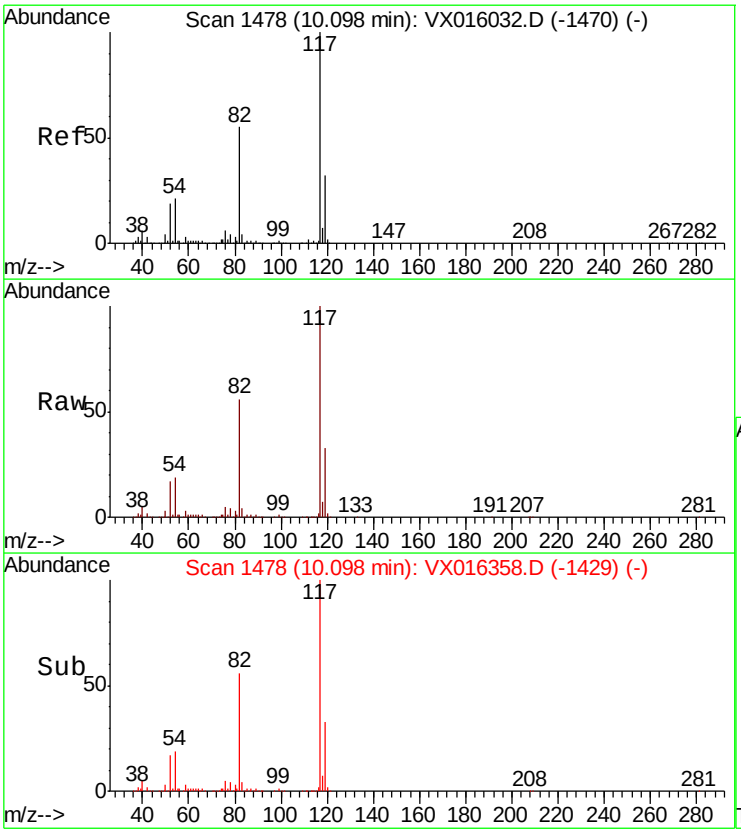
#62
4-Bromofluorobenzene
Concen: 51.007 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 199541

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	159.4
176	78.2	0.0	157.6

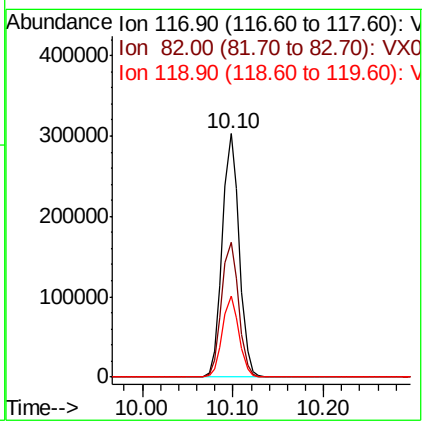


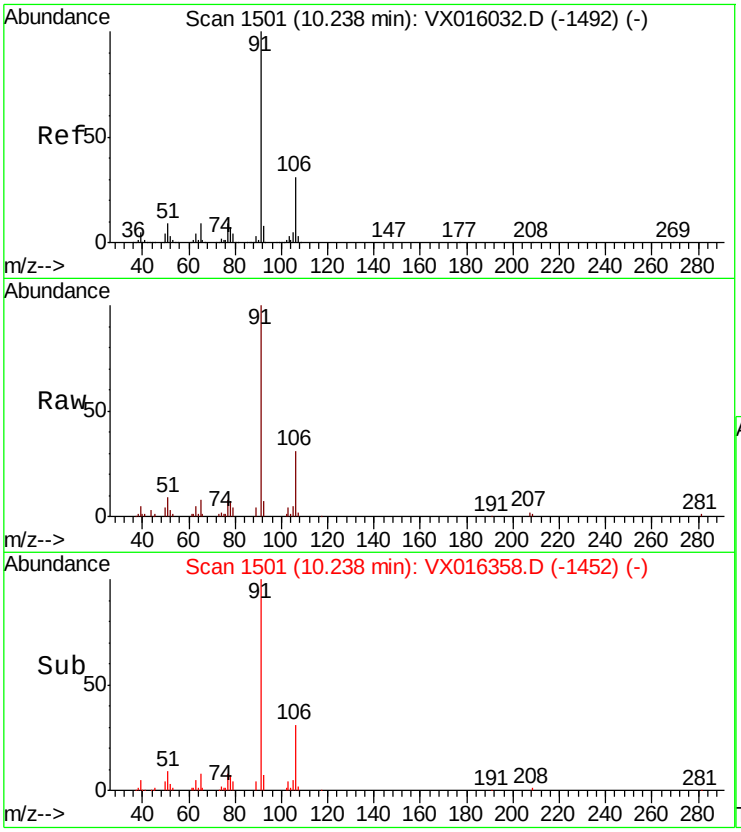


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:117 Resp: 395086

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.4	66.6
119	33.1	25.5	38.3



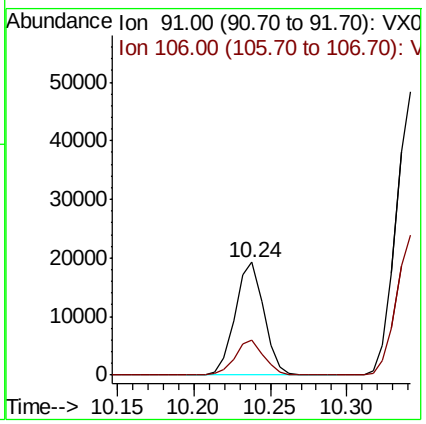


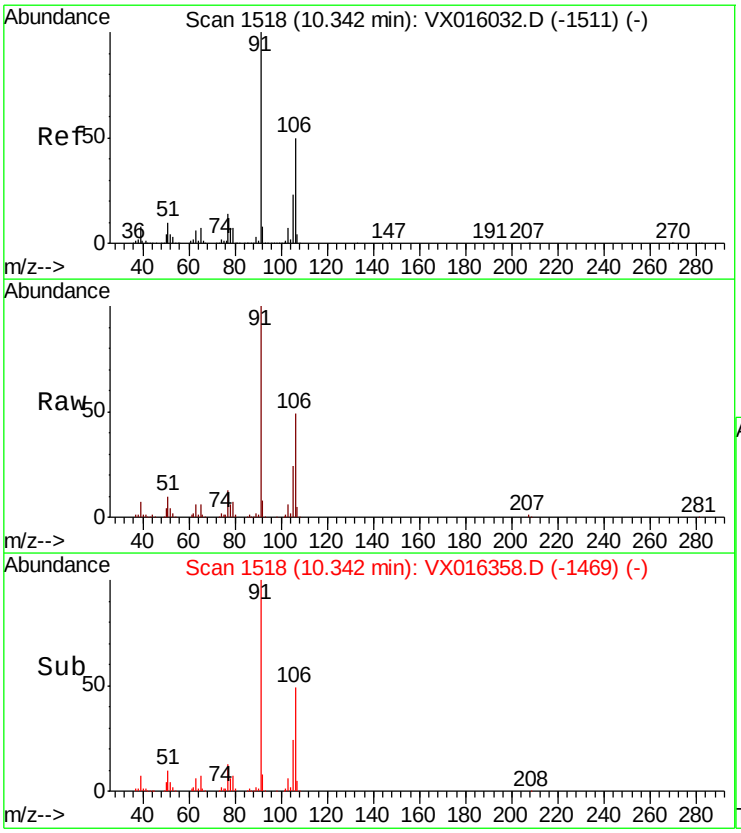
#67
Ethyl Benzene
Concen: 1.712 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 25270

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.1	37.7

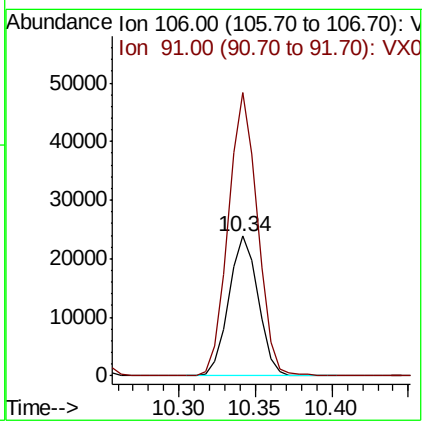


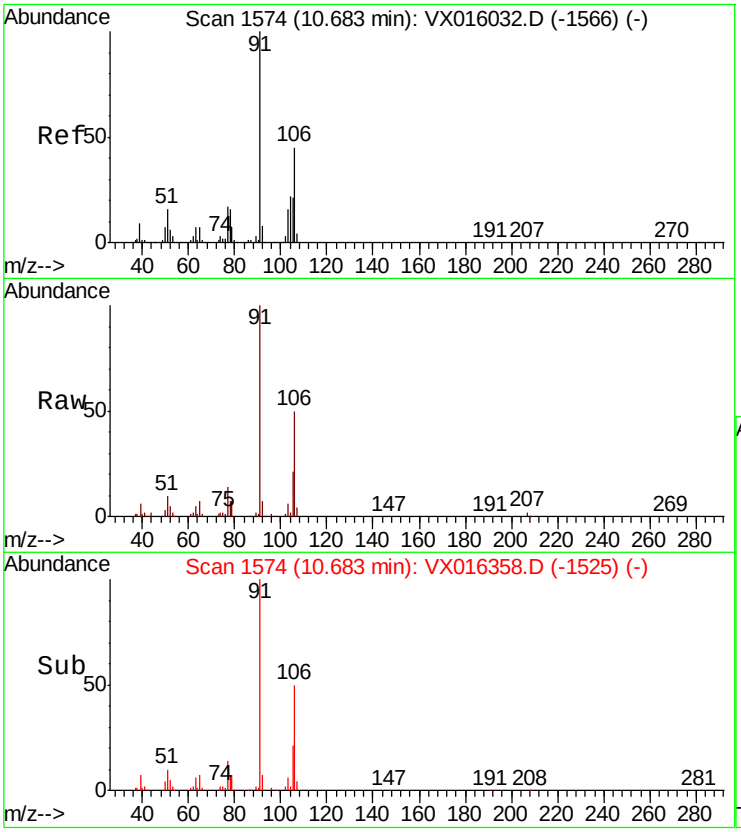


#68
m/p-Xylenes
Concen: 5.756 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:106 Resp: 31834

Ion	Ratio	Lower	Upper
106	100		
91	201.4	161.7	242.5



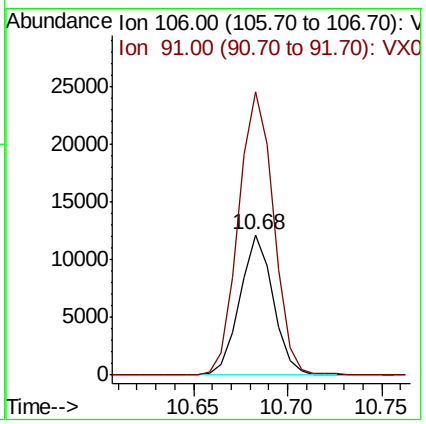


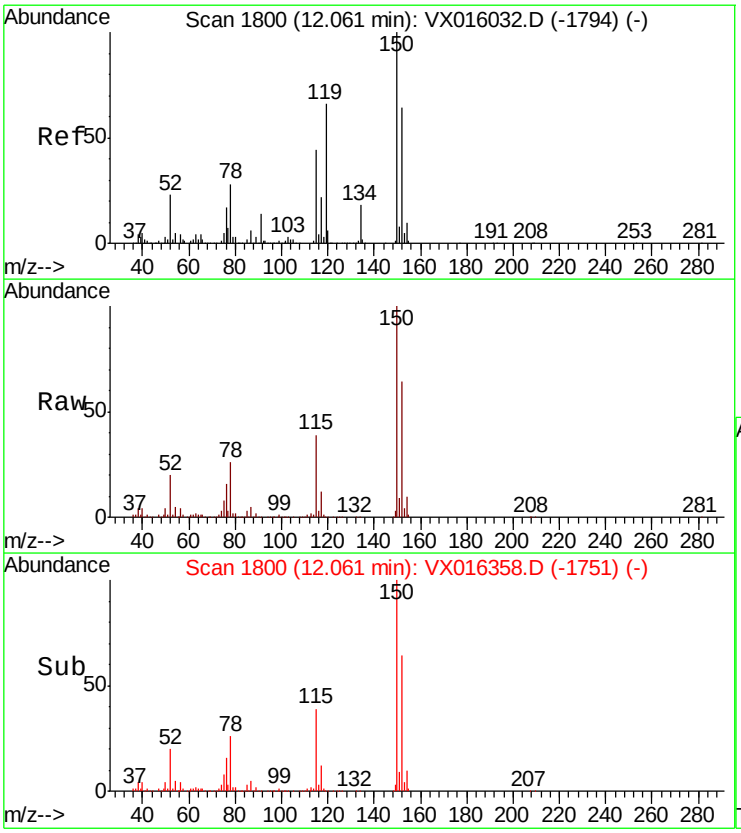
#69
o-Xylene
Concen: 2.804 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 14906

Ion	Ratio	Lower	Upper
106	100		
91	213.5	107.5	322.6

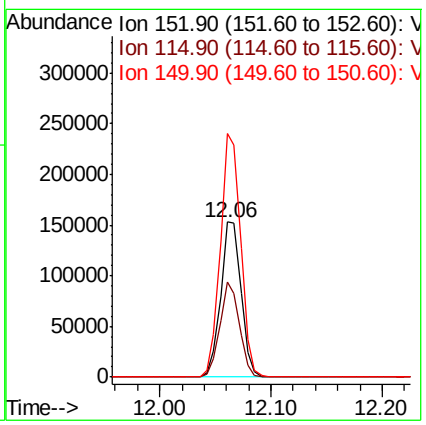


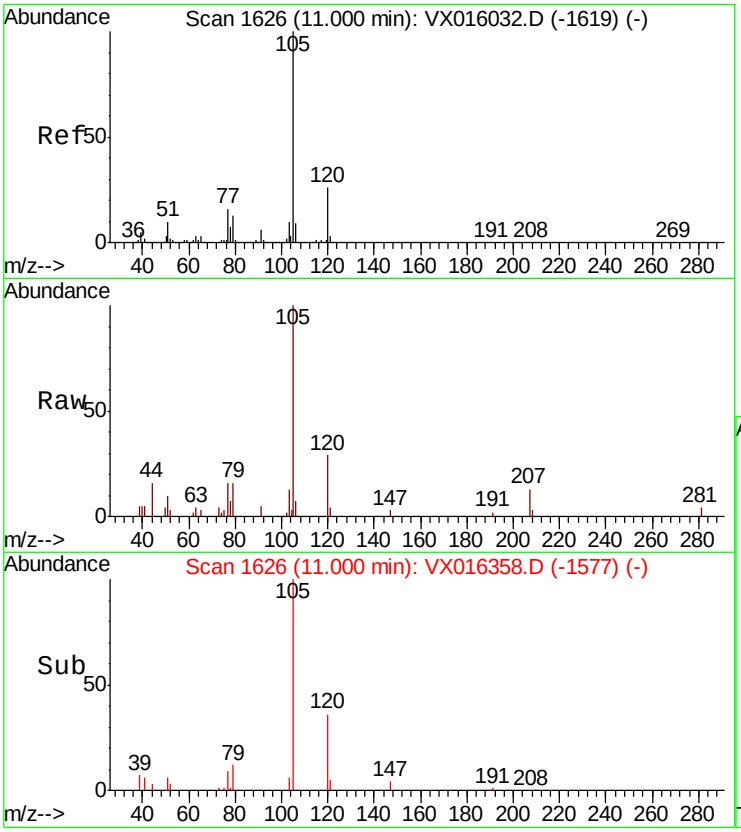


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:152 Resp: 193530

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.3	124.1
150	156.6	0.0	352.2



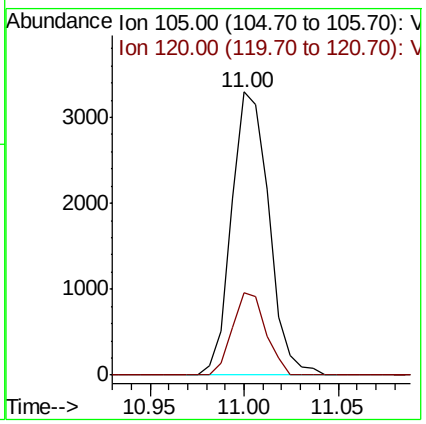


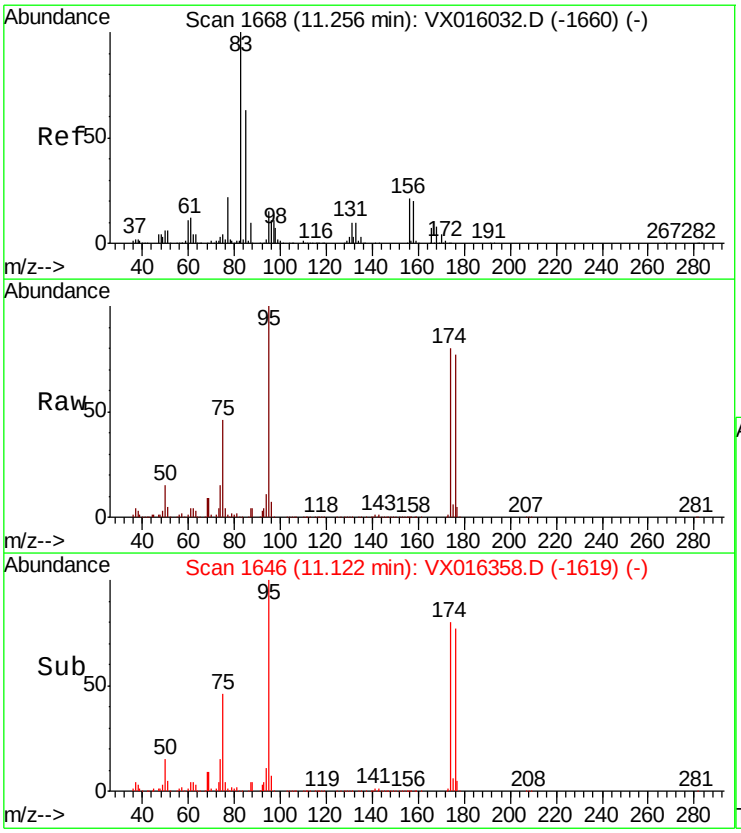
#73
Isopropylbenzene
Concen: 0.321 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4521

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.4	40.2

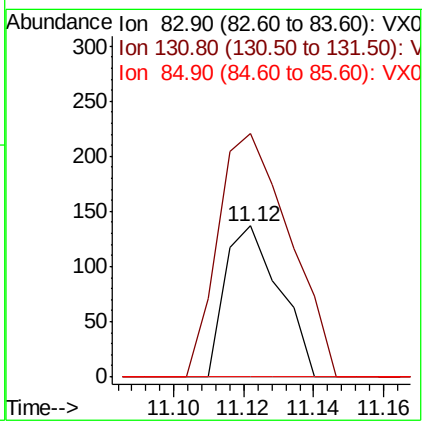


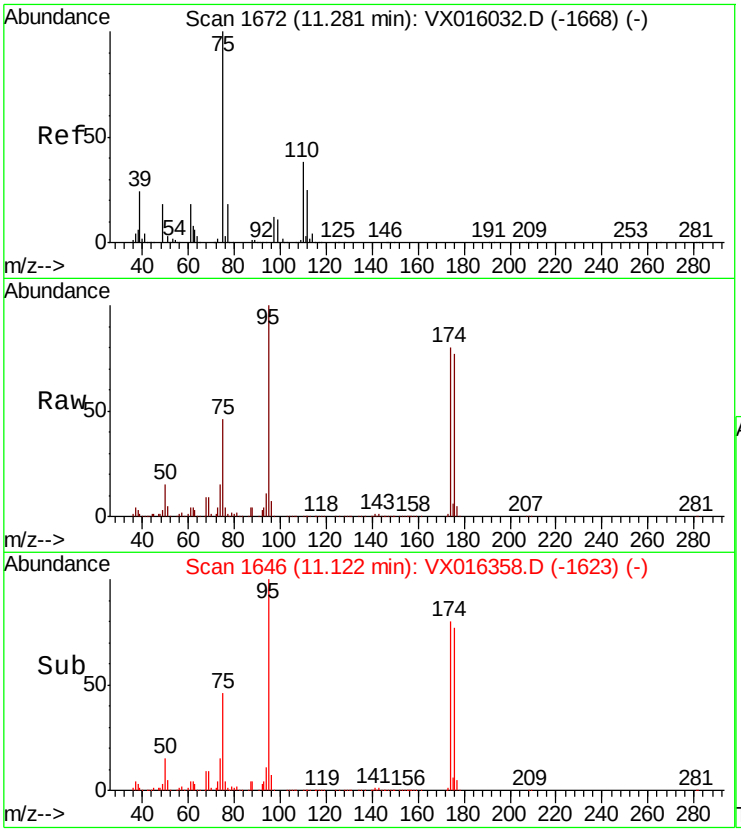


#75
1,1,2,2-Tetrachloroethane
Concen: 2.105 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.13 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 83 Resp: 148

Ion	Ratio	Lower	Upper
83	100		
131	212.2	5.1	15.4#
85	0.0	32.0	96.0#



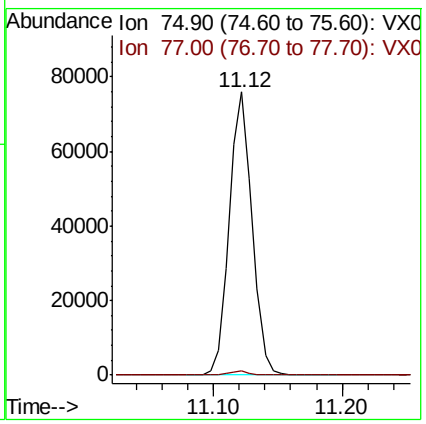


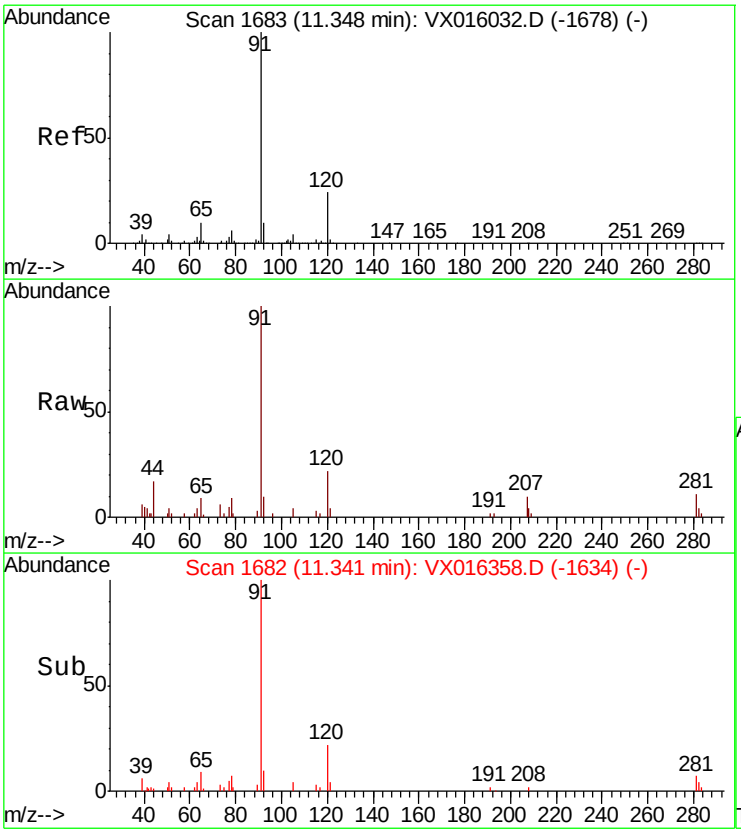
#76
1,2,3-Trichloropropane
Concen: 21.488 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 94366

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#

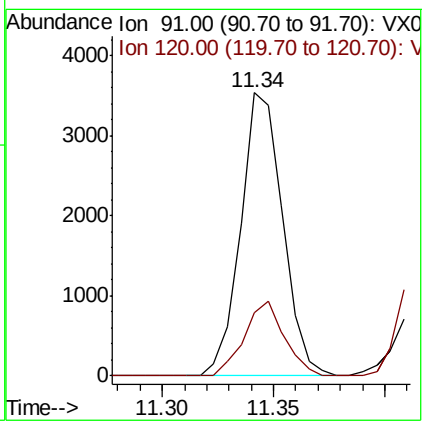


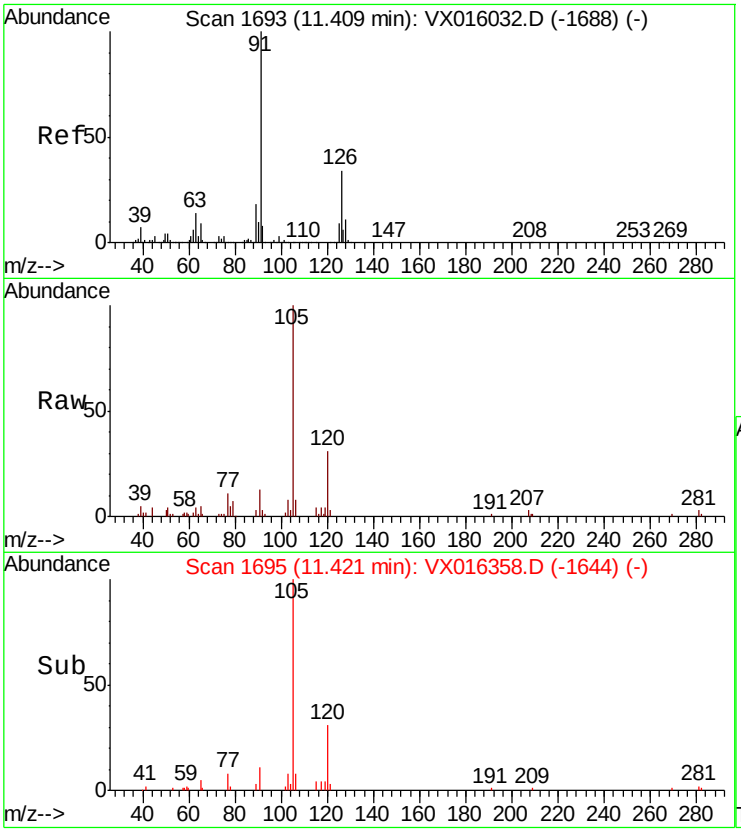


#78
n-propylbenzene
Concen: 0.285 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 91 Resp: 4662

Ion	Ratio	Lower	Upper
91	100		
120	25.0	11.5	34.5



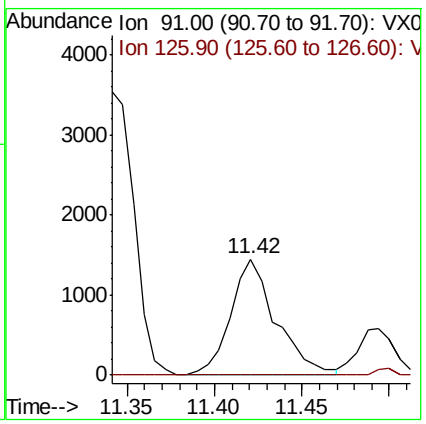


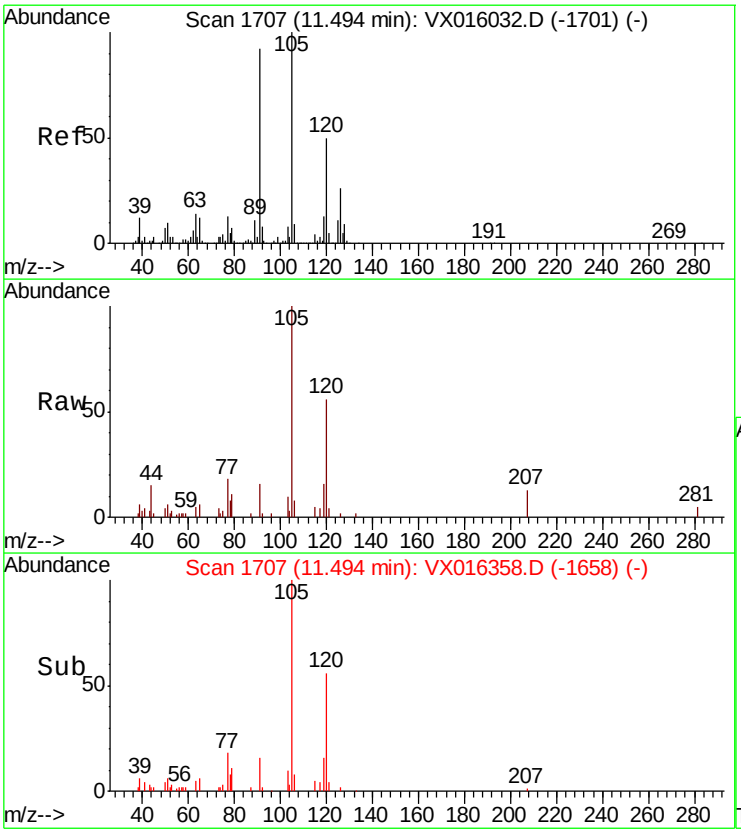
#79
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2614

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.9	50.6#

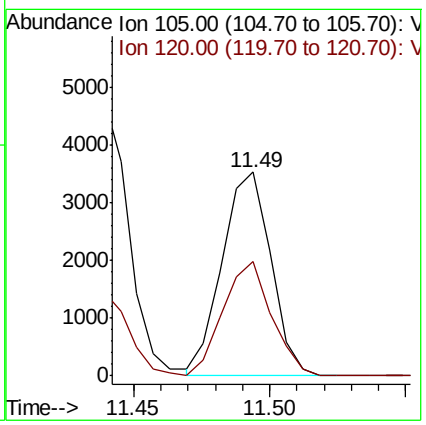


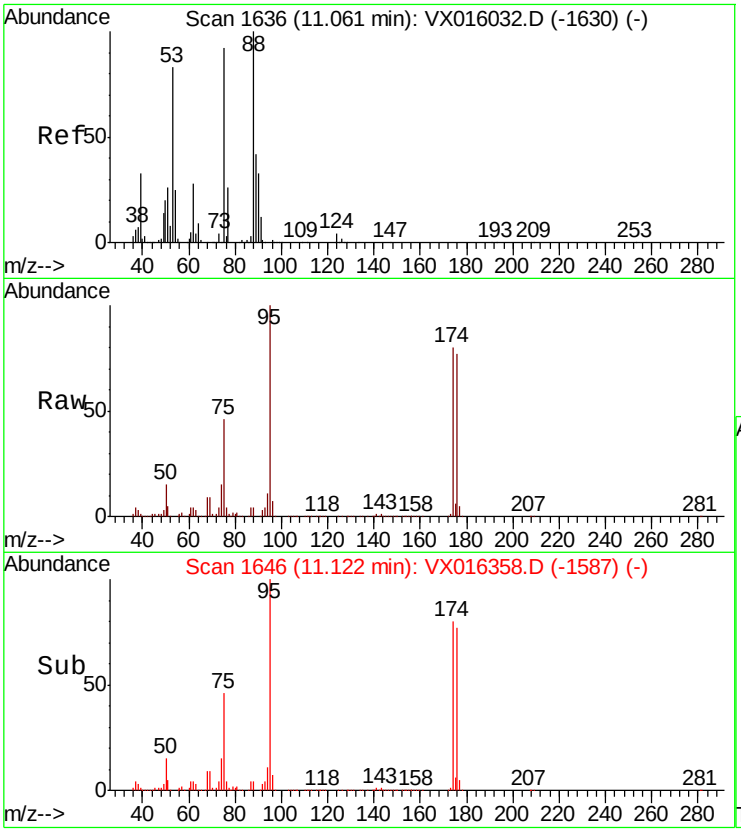


#80
1,3,5-Trimethylbenzene
Concen: 0.370 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:105 Resp: 4401

Ion	Ratio	Lower	Upper
105	100		
120	55.7	24.6	74.0



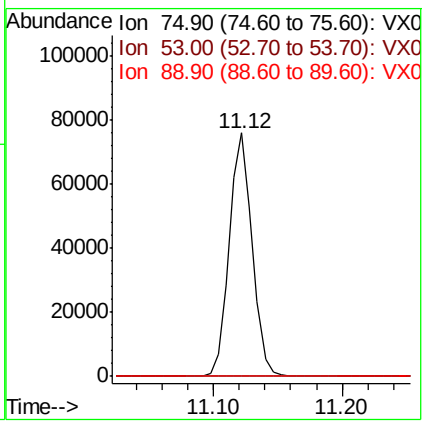


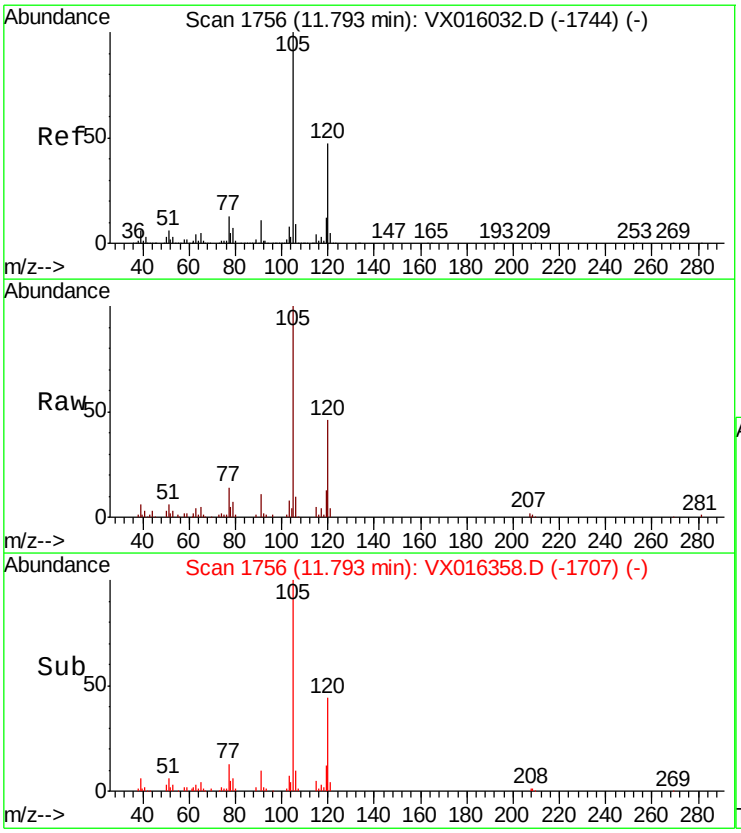
#81
trans-1,4-Dichloro-2-butene
Concen: 51.207 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 94366

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#

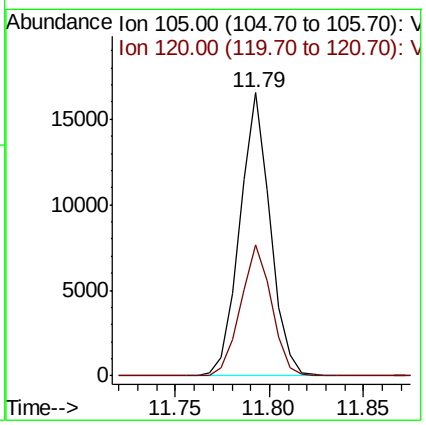


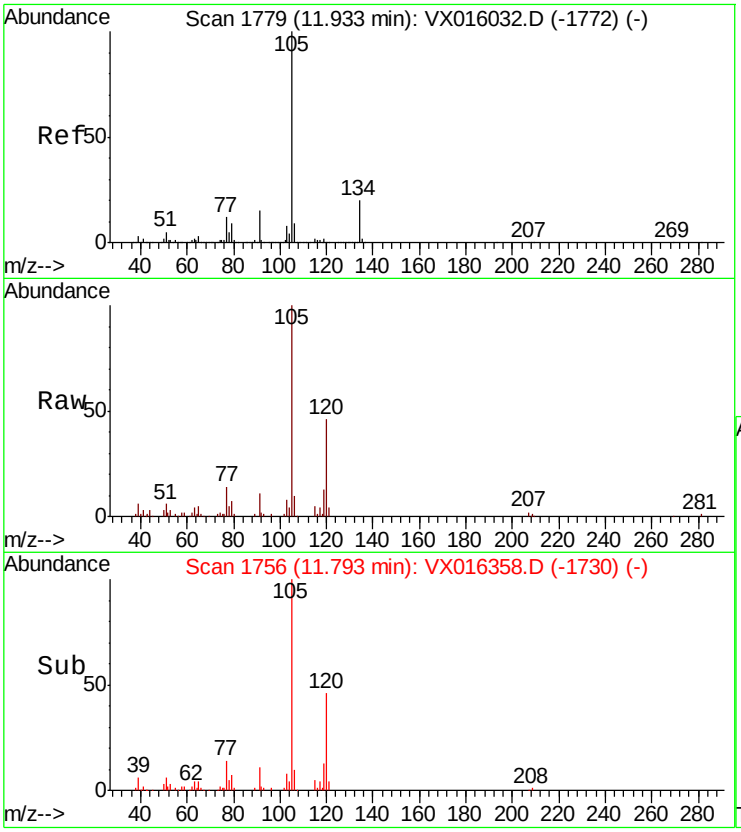


#84
1,2,4-Trimethylbenzene
Concen: 1.533 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:105 Resp: 18422

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.0	69.0



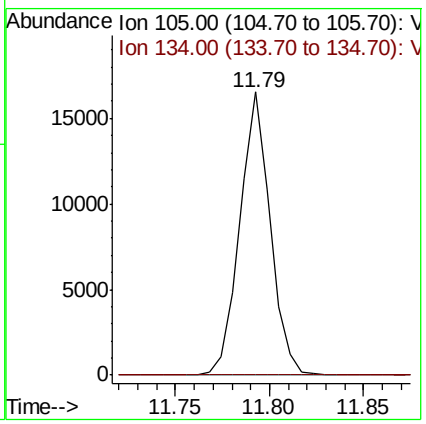


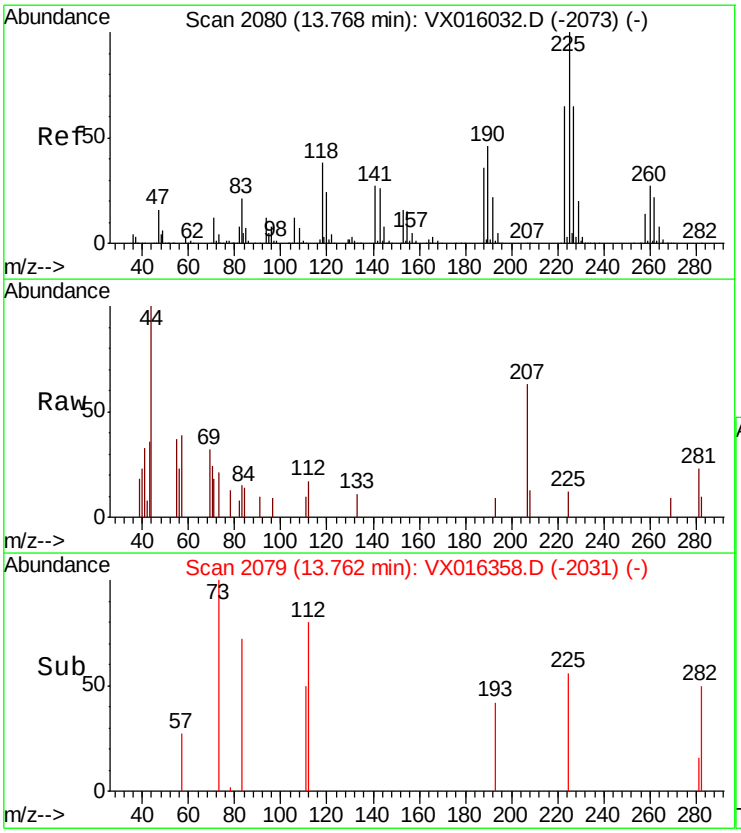
#85
sec-Butylbenzene
Concen: 1.332 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.14 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 18422

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3#

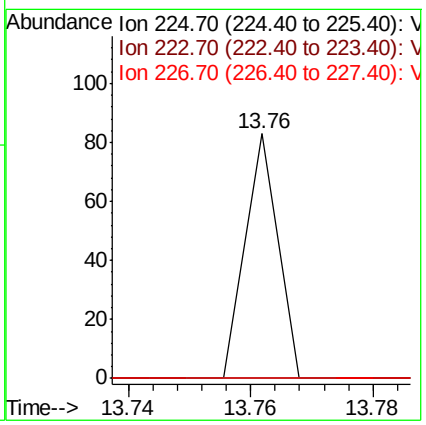


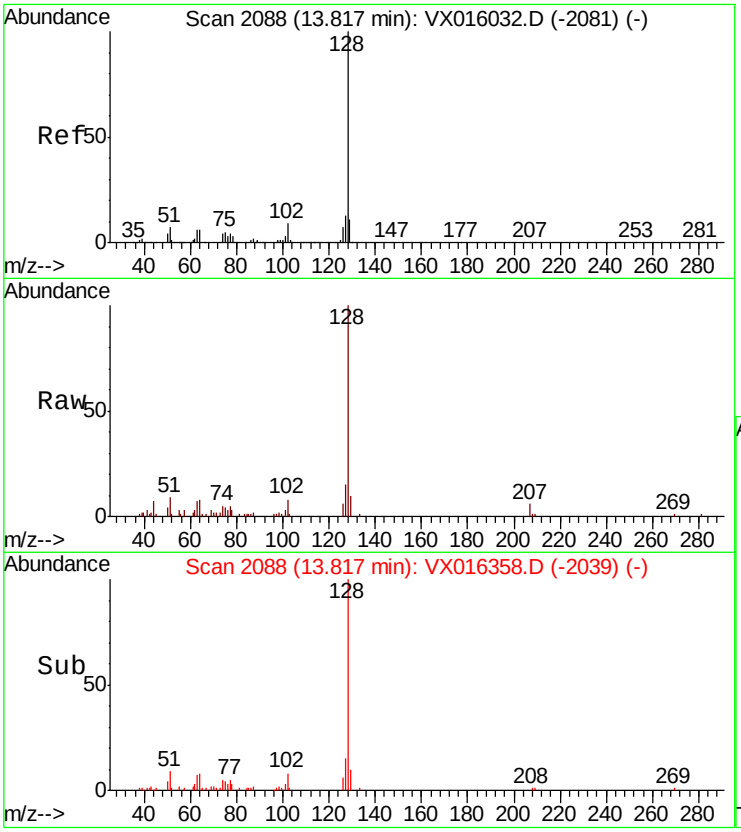


#94
Hexachlorobutadiene
Concen: 0.538 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion:225 Resp: 30

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.3	96.9#
227	0.0	31.8	95.4#





#95
Naphthalene
Concen: 0.800 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 12046

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.4
129	10.9	8.7	13.1