Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050420\
Data File : VX016042.D
Acq On : 04 May 2020 17:53
Operator : JC/SP
Sample : L2469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ118S-20200429

Quant Time: May 05 07:31:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	293544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	472628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	181686	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.08%			
35) Dibromofluoromethane	5.47	113	139150	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.94%			
50) Toluene-d8	8.70	98	582270	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
62) 4-Bromofluorobenzene	11.12	95	237300	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.16%			
Target Compounds						Qvalue
6) Chloroethane	1.72	64	797	0.340	ug/l #	88
11) Tert butyl alcohol	3.01	59	1090	1.116	ug/l	100
12) 1,1-Dichloroethene	2.36	96	1356	0.444	ug/l	92
13) Acrolein	2.27	56	566	0.926	ug/l #	80
15) Acrylonitrile	3.12	53	502	0.248	ug/l #	82
16) Acetone	2.42	43	3435	1.993	ug/l	95
18) Methyl Acetate	2.75	43	881	0.208	ug/l #	75
20) Methylene Chloride	2.84	84	865	0.243	ug/l #	90
24) 1,1-Dichloroethane	3.68	63	12322	2.087	ug/l	97
36) 1,1-Dichloropropene	5.63	75	22705	4.880	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28825	6.096	ug/l #	14
49) 1,4-Dioxane	7.73	88	22	0.225	ug/l #	1
51) 4-Methyl-2-Pentanone	8.70	43	2748	0.522	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.12	83	193	4.857	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	122507	22.096	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	122507	52.657	ug/l #	13
94) Hexachlorobutadiene	13.77	225	274	0.631	ug/l	94

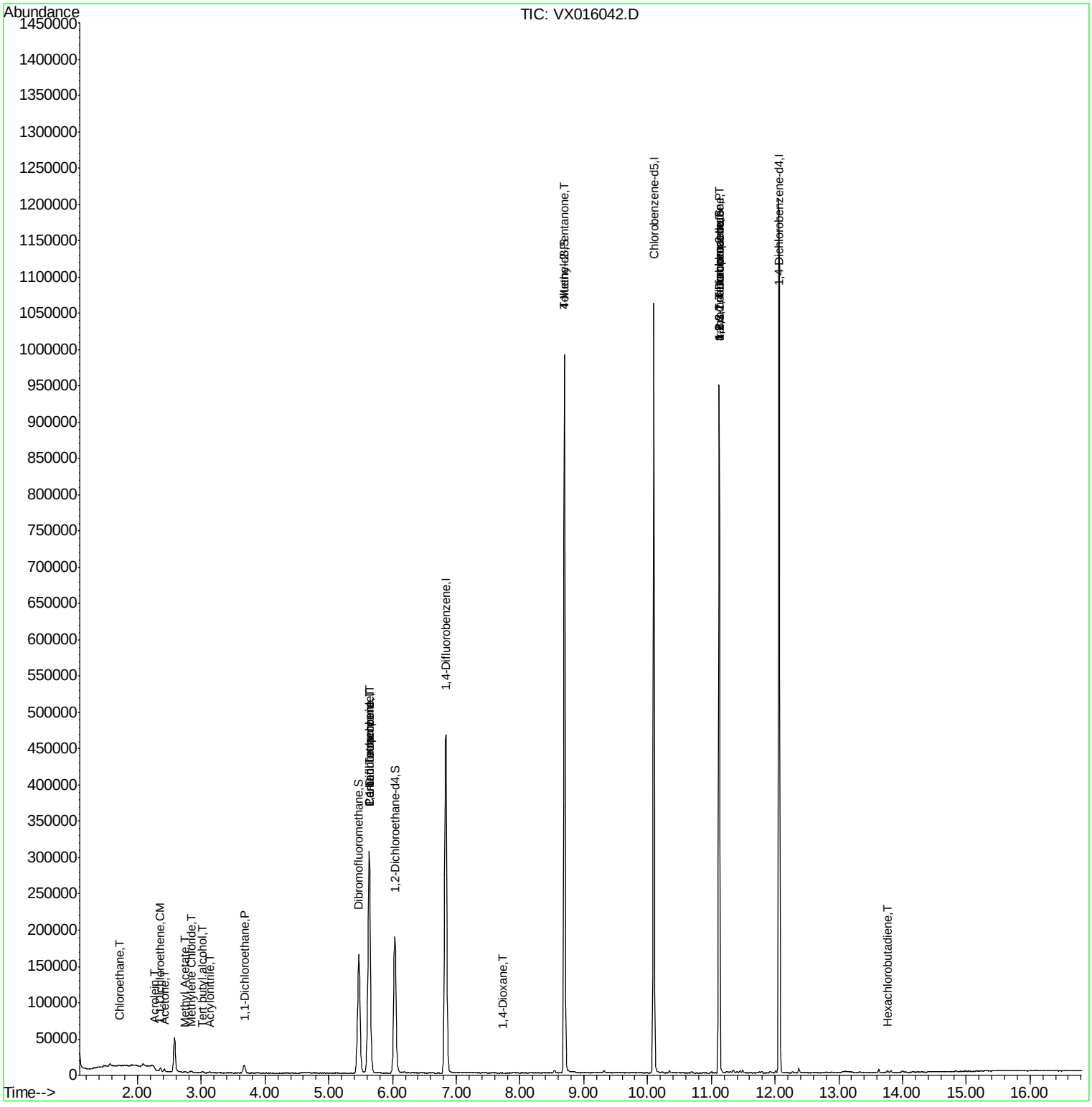
(#) = qualifier out of range (m) = manual integration (+) = signals summed

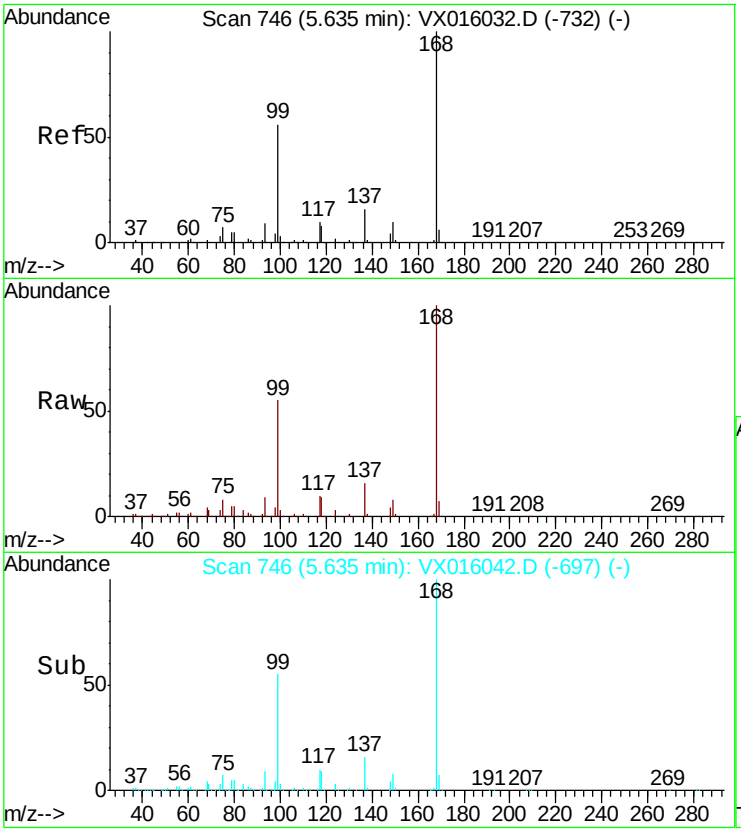
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050420\
Data File : VX016042.D
Acq On : 04 May 2020 17:53
Operator : JC/SP
Sample : L2469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Quant Time: May 05 07:31:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration



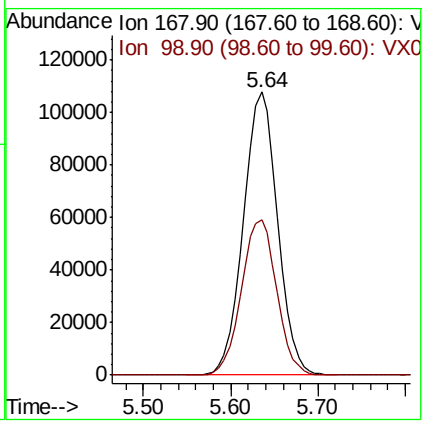


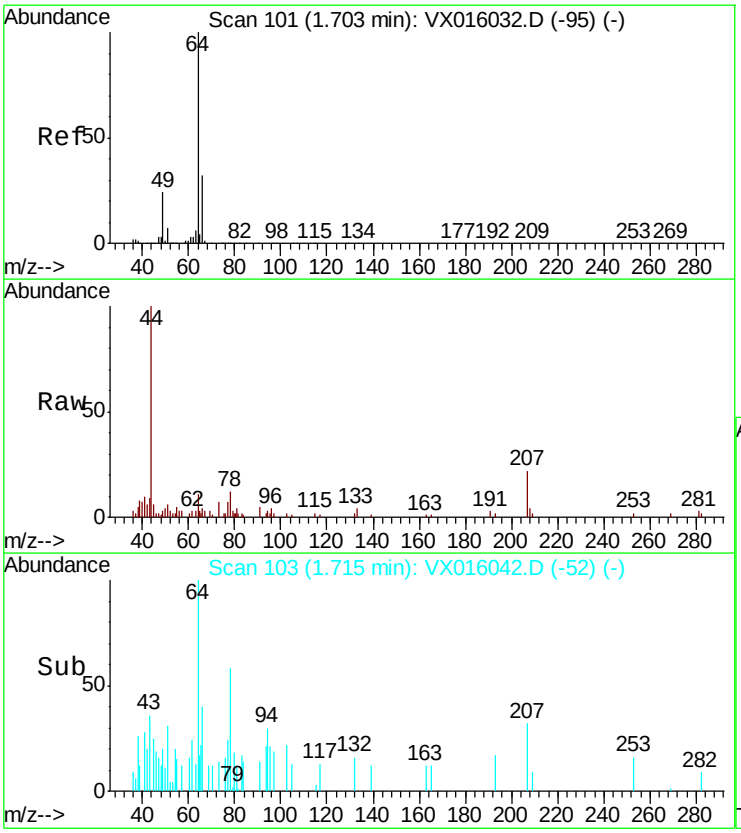
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion:168 Resp: 293544

Ion	Ratio	Lower	Upper
168	100		
99	54.8	45.0	67.4

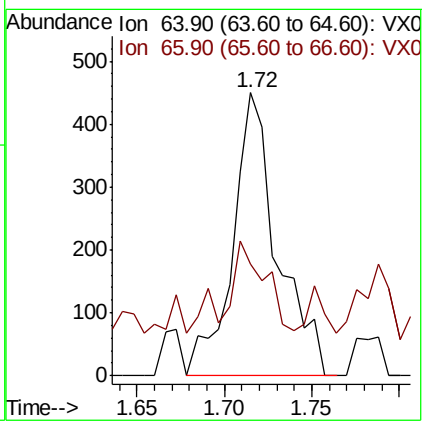


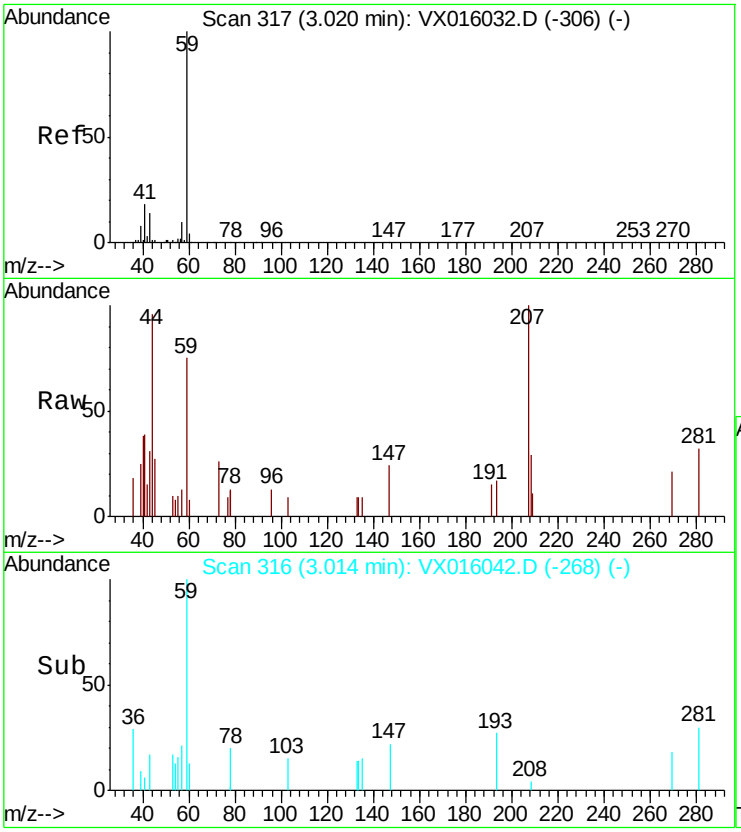


#6
Chloroethane
Concen: 0.340 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 64 Resp: 797

Ion	Ratio	Lower	Upper
64	100		
66	24.7	25.2	37.8#



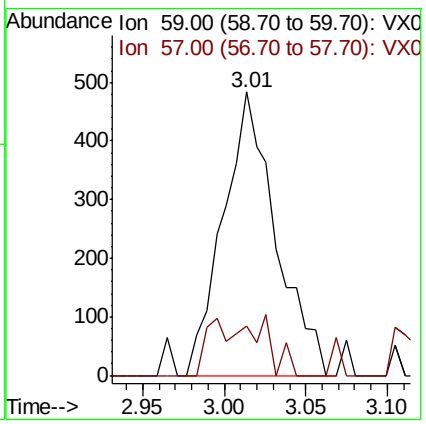


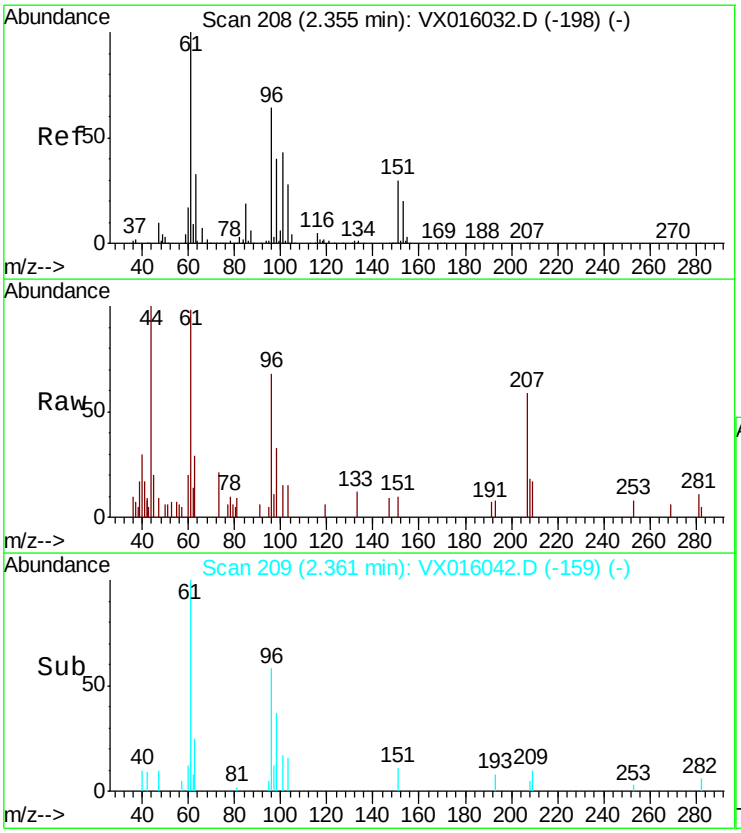
#11
Tert butyl alcohol
Concen: 1.116 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 59 Resp: 1090

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

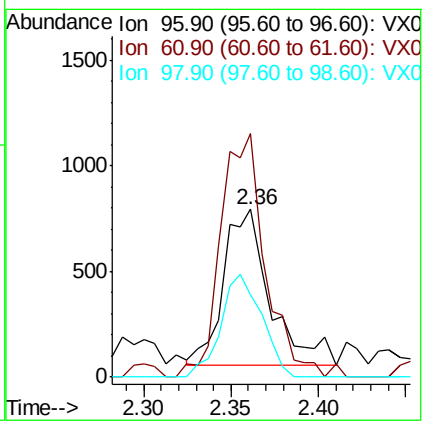


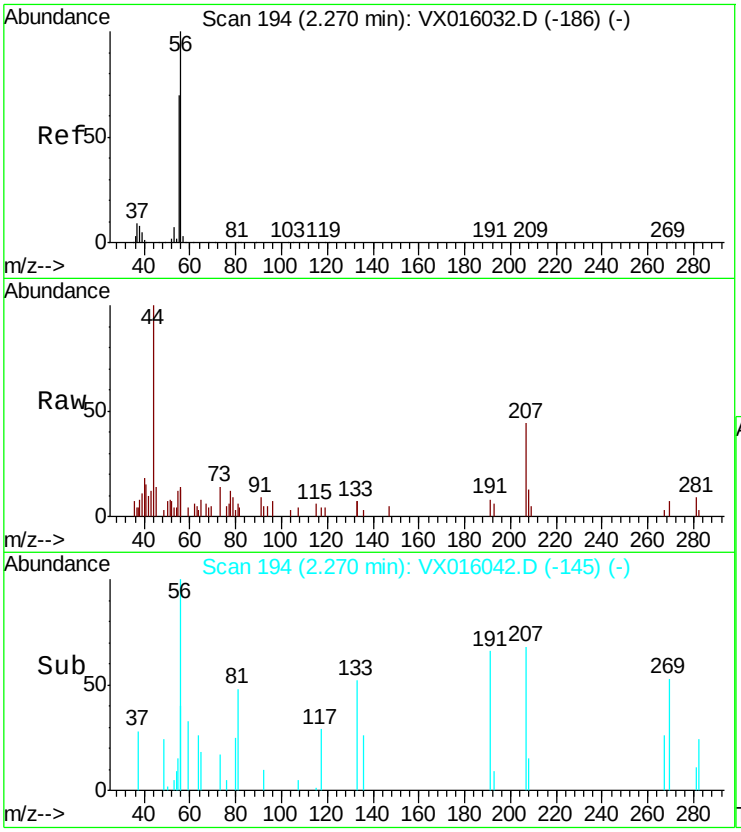


#12
1,1-Dichloroethene
Concen: 0.444 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 96 Resp: 1356

Ion	Ratio	Lower	Upper
96	100		
61	148.2	124.8	187.2
98	52.6	49.7	74.5



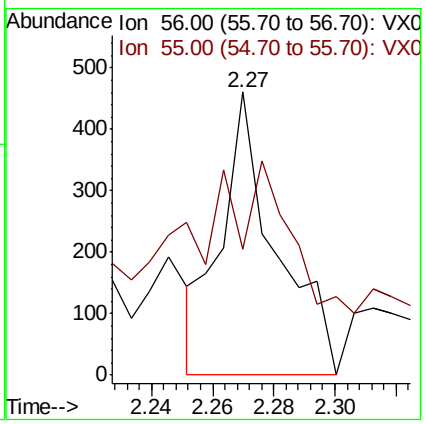


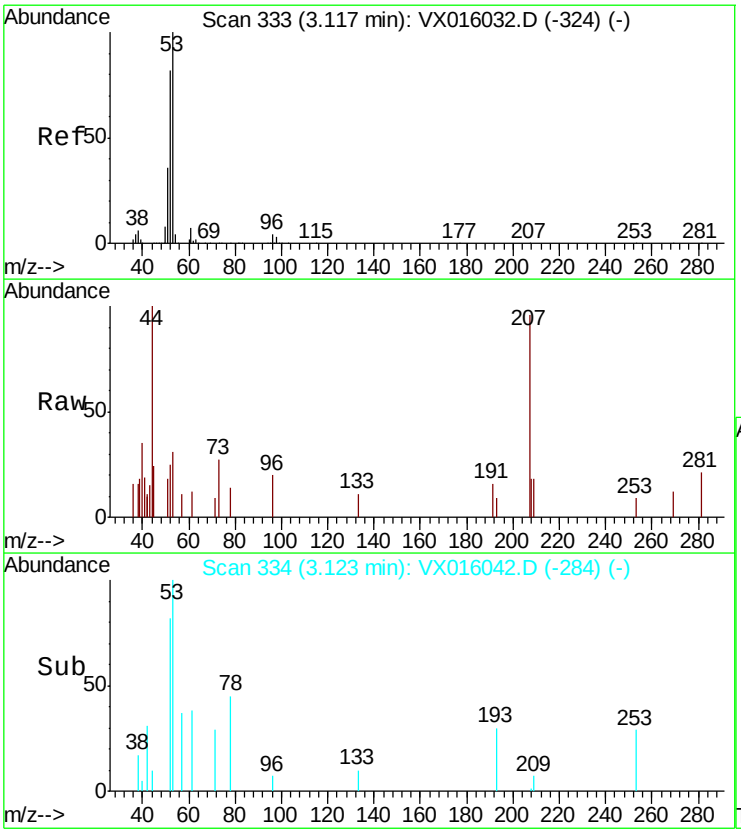
#13
Acrolein
Concen: 0.926 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 56 Resp: 566

Ion	Ratio	Lower	Upper
56	100		
55	86.9	56.5	84.7#

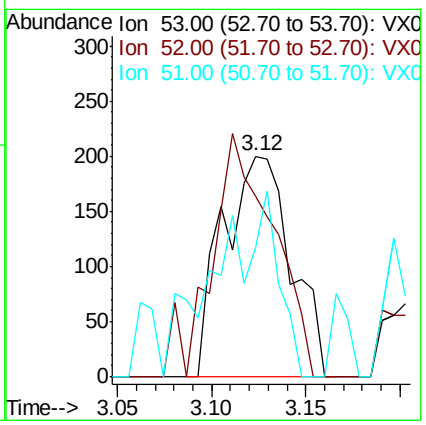


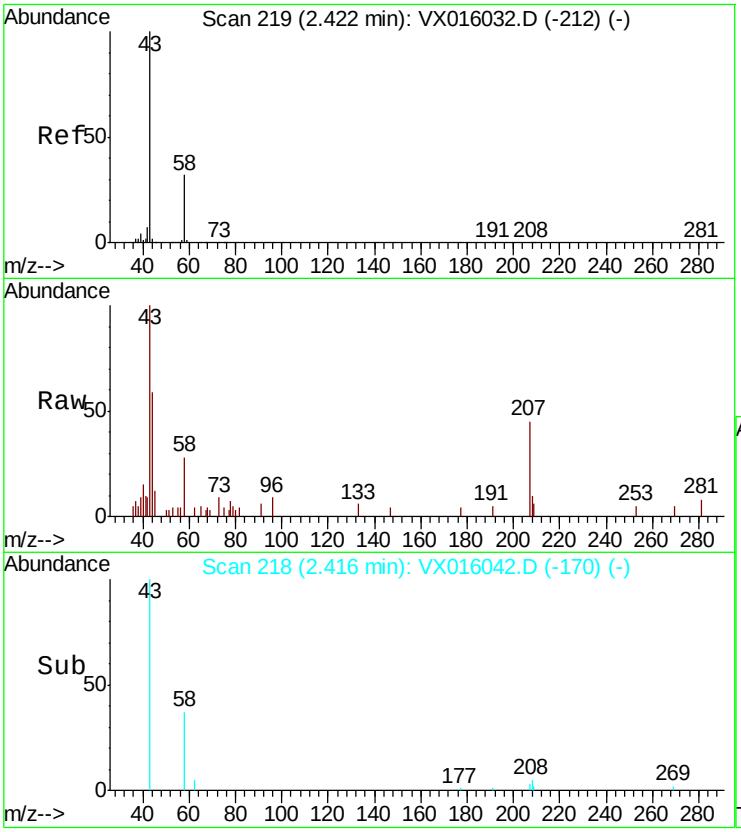


#15
Acrylonitrile
Concen: 0.248 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 53 Resp: 502

Ion	Ratio	Lower	Upper
53	100		
52	99.8	66.1	99.1#
51	45.0	28.8	43.2#



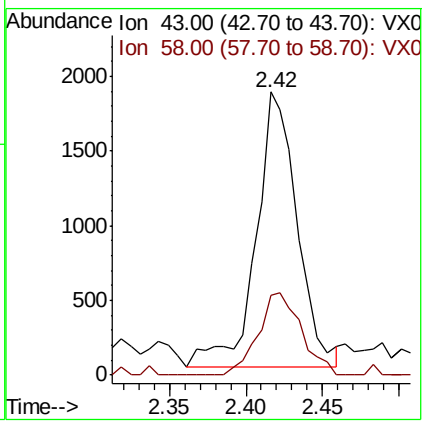


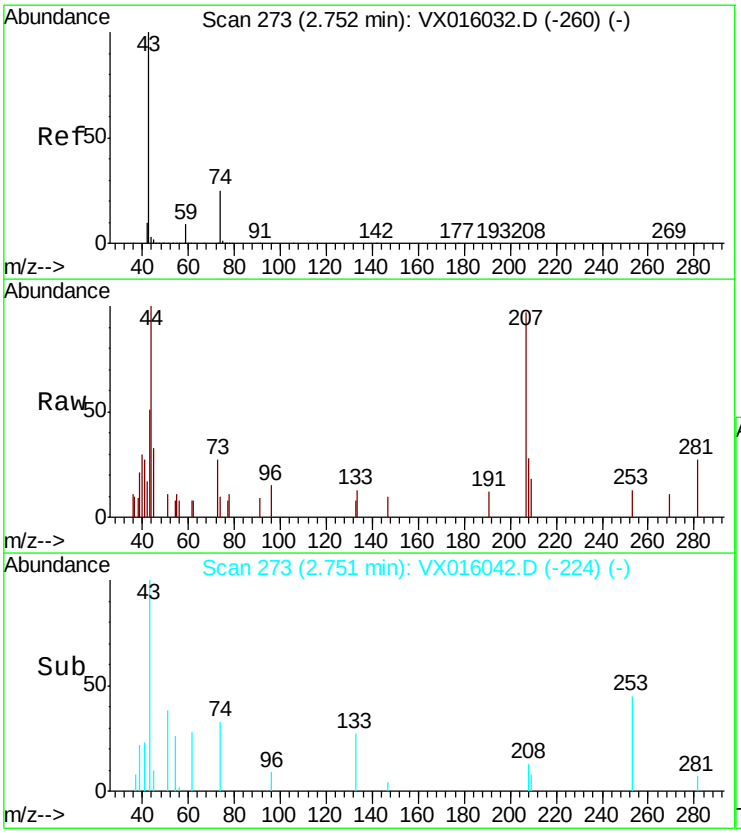
#16
Acetone
Concen: 1.993 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 43 Resp: 3435

Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.4	38.0

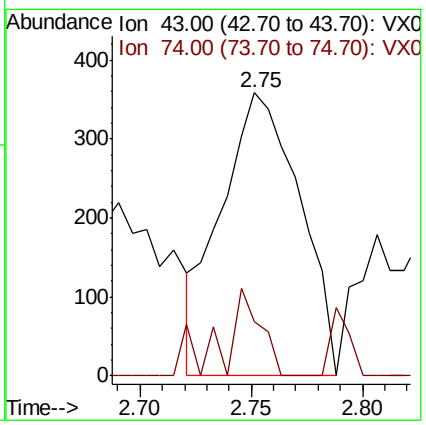


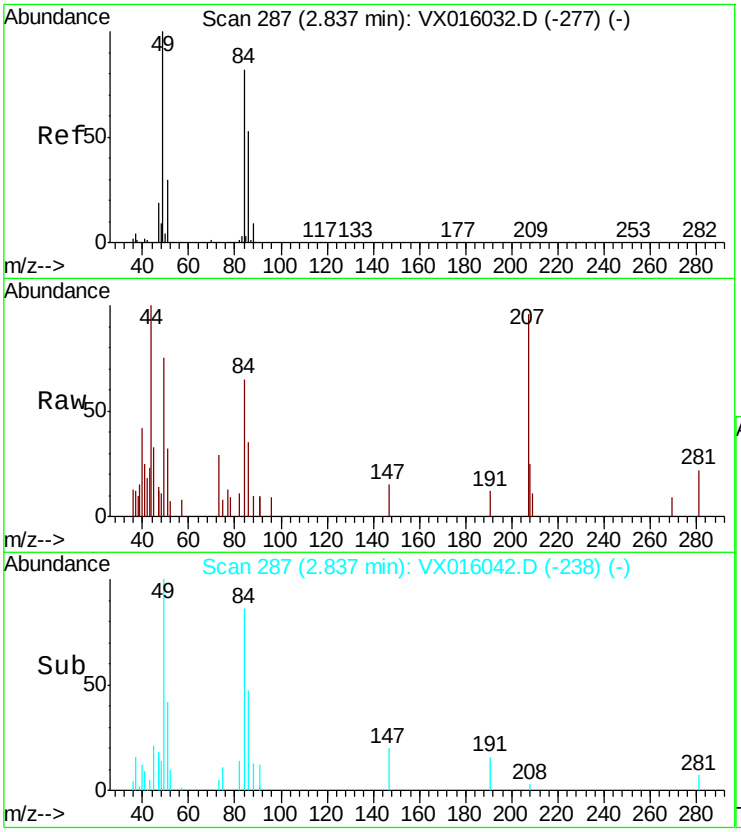


#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 43 Resp: 881

Ion	Ratio	Lower	Upper
43	100		
74	12.4	20.2	30.2#



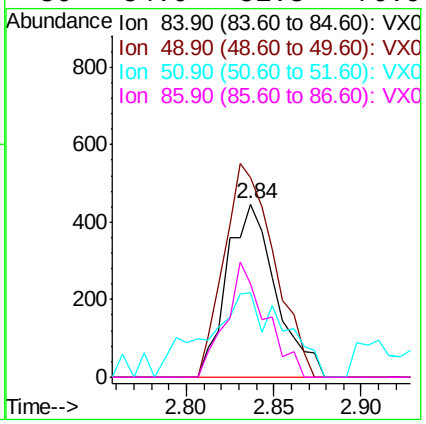


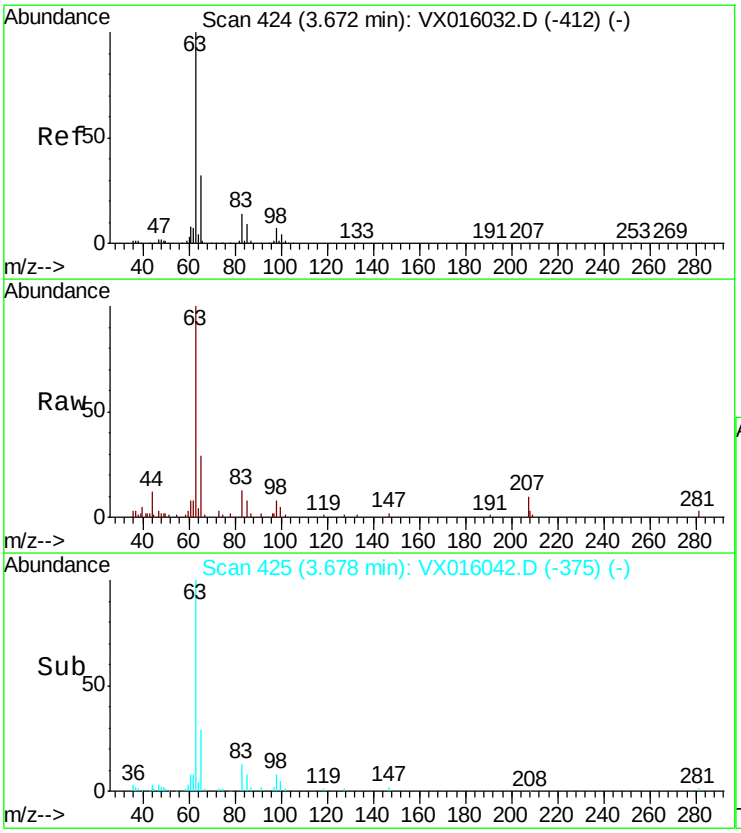
#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 84 Resp: 865

Ion	Ratio	Lower	Upper
84	100		
49	115.7	97.3	145.9
51	49.1	29.3	43.9#
86	54.0	51.3	76.9

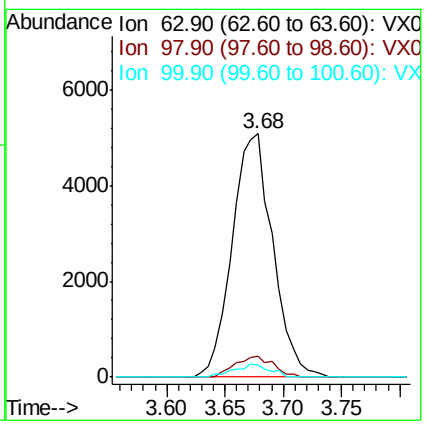


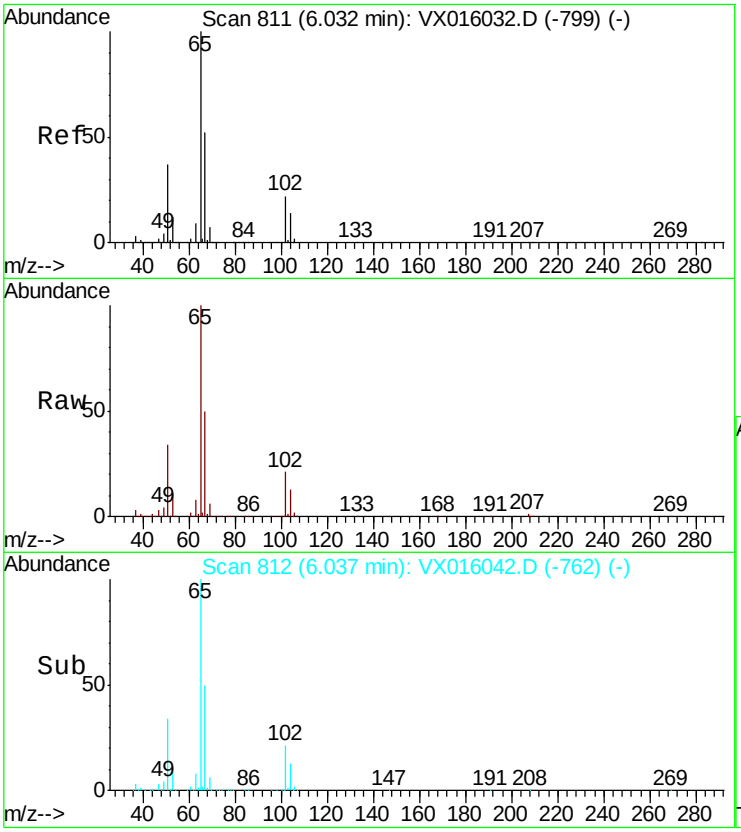


#24
1,1-Dichloroethane
Concen: 2.087 ug/l
RT: 3.68 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 63 Resp: 12322

Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.5	10.5
100	4.8	2.1	6.5



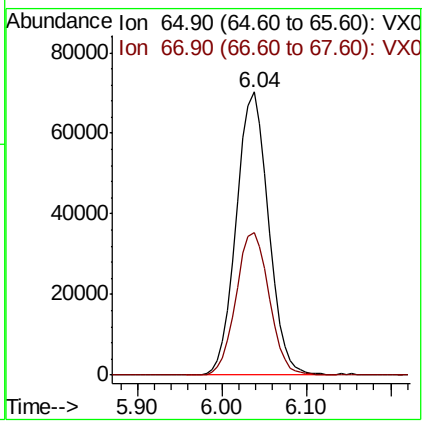


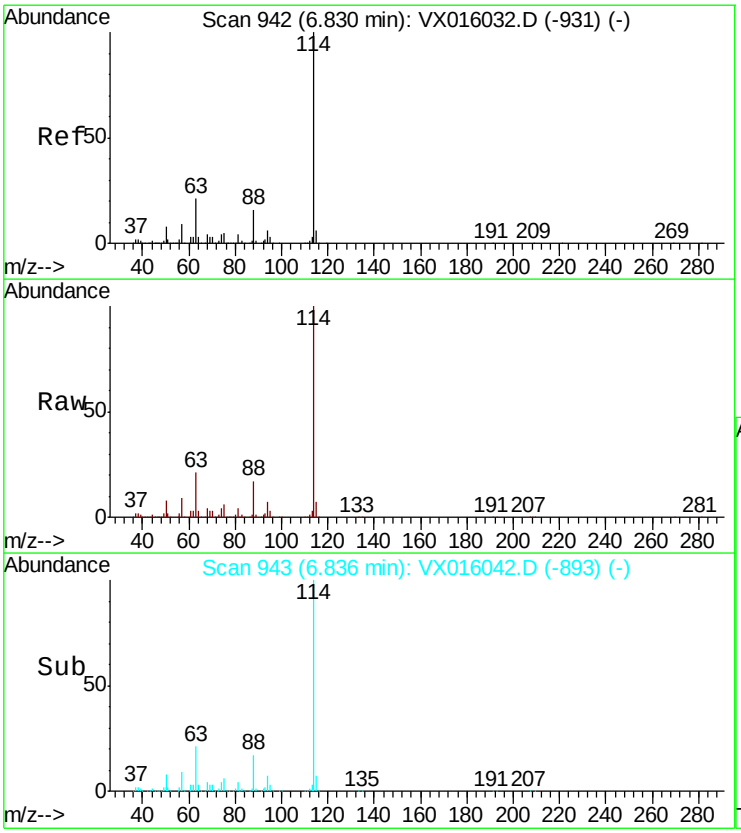
#33
1,2-Dichloroethane-d4
Concen: 47.036 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 65 Resp: 181686

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

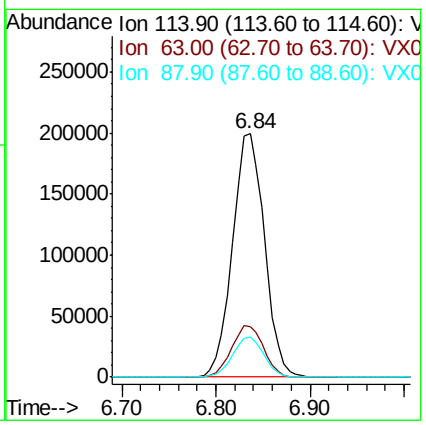


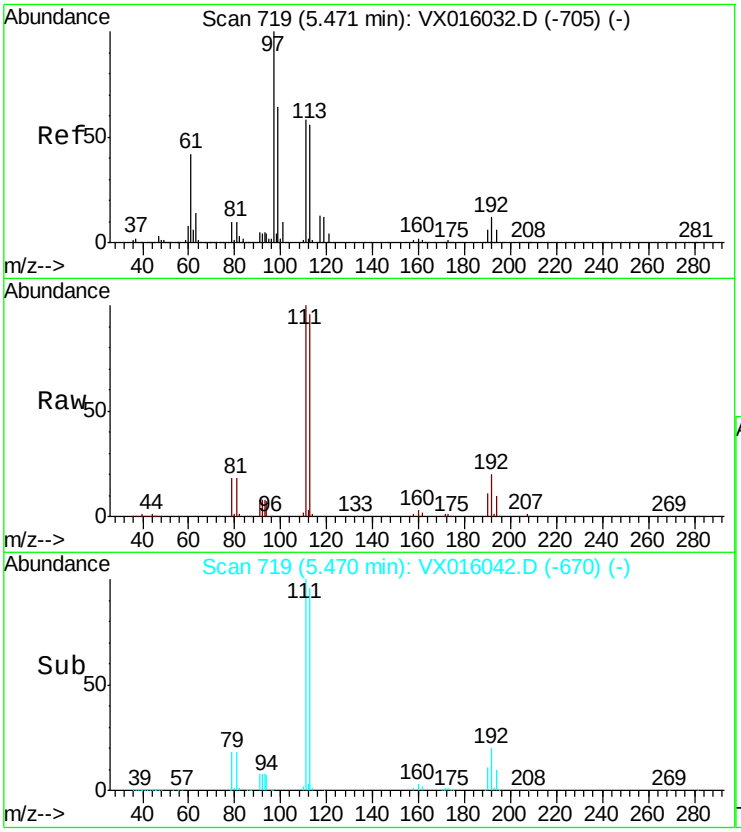


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion:114 Resp: 472628

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	16.6	0.0	31.4



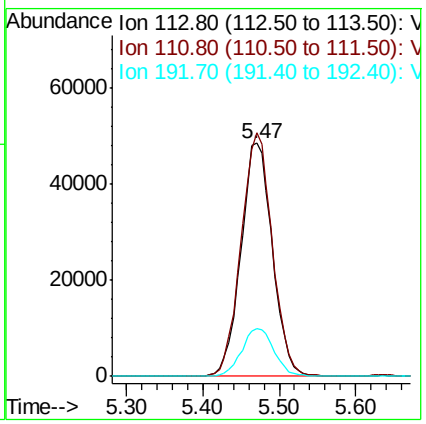


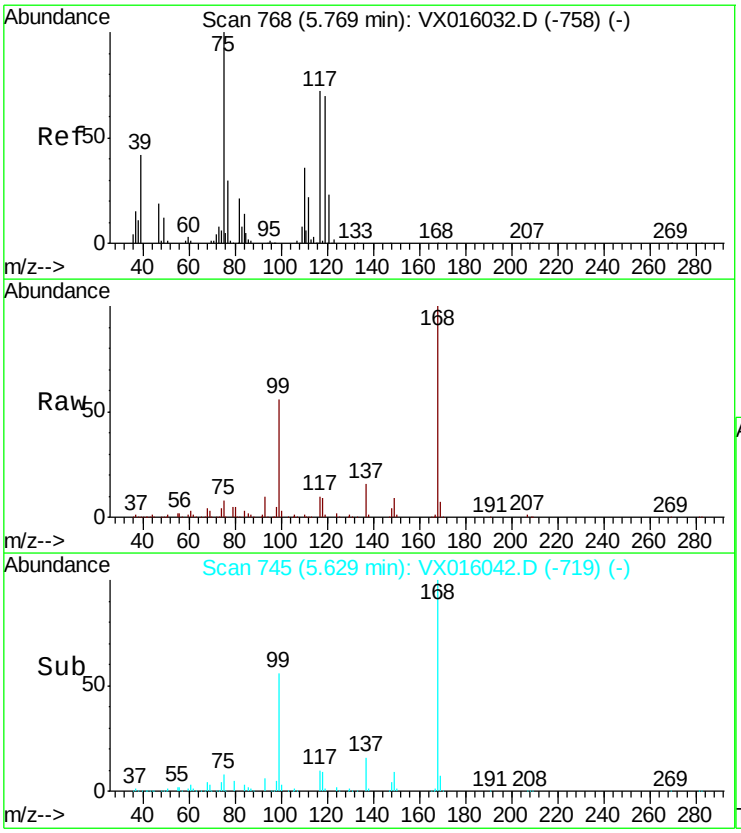
#35
Dibromofluoromethane
Concen: 46.472 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion:113 Resp: 139150

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	21.0	17.0	25.4

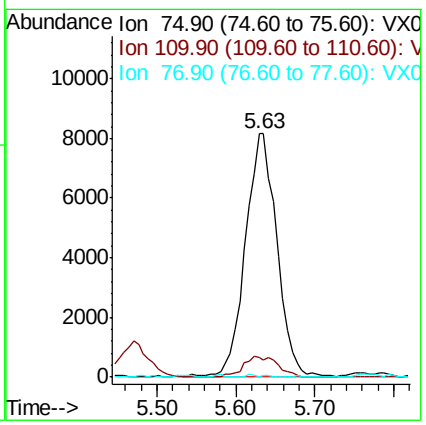


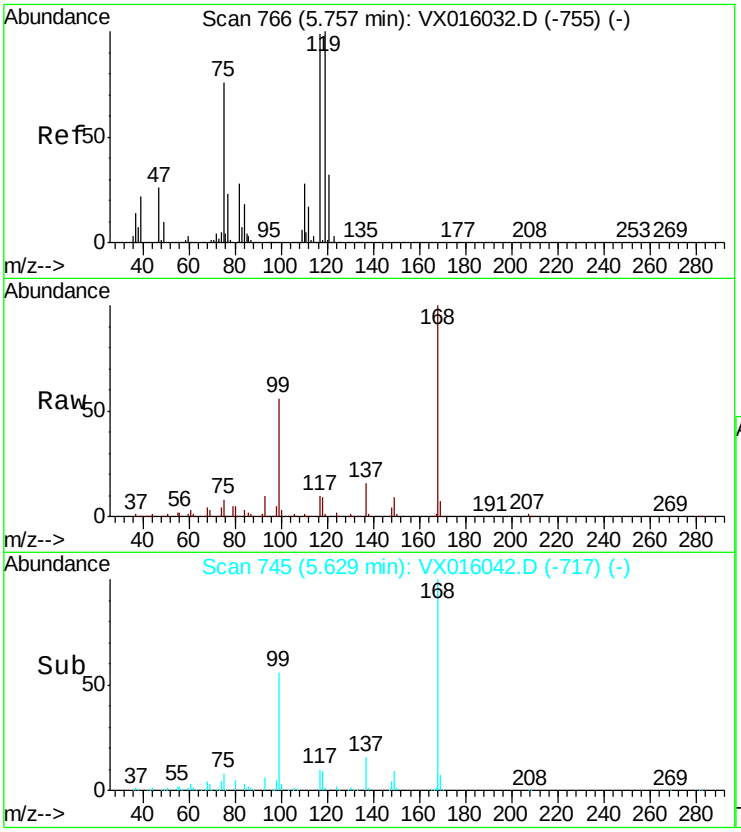


#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 75 Resp: 22705

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.2	25.0	37.6#



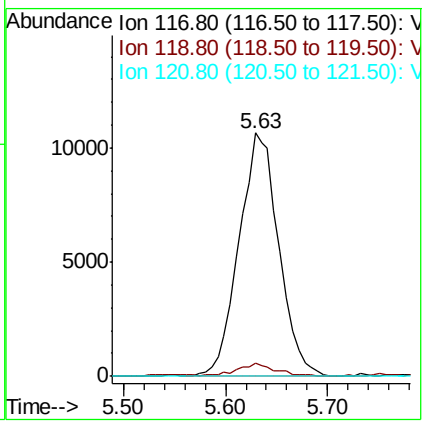


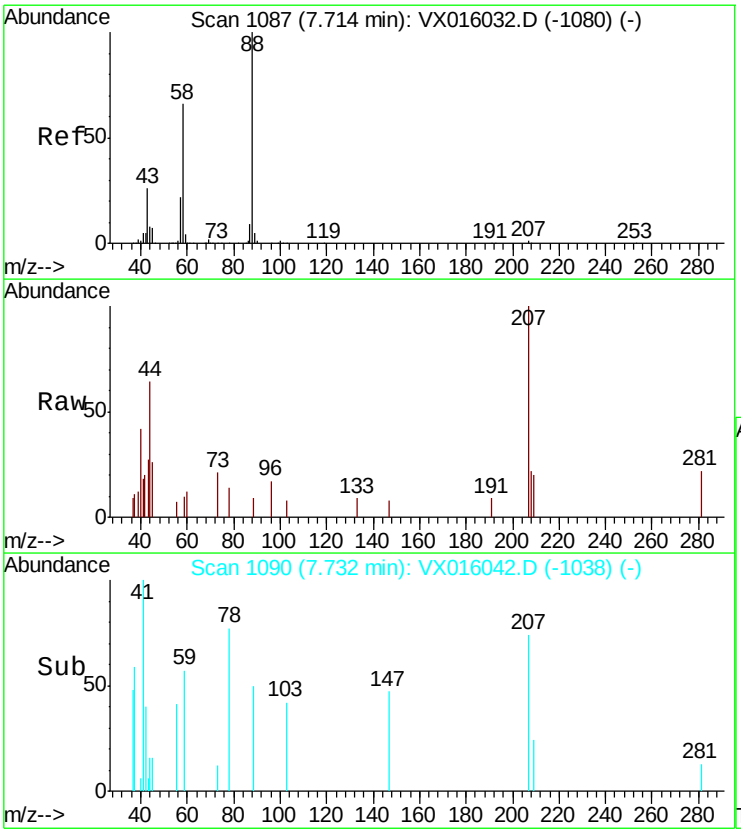
#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion:117 Resp: 28825

Ion	Ratio	Lower	Upper
117	100		
119	5.5	80.3	120.5#
121	0.0	25.7	38.5#

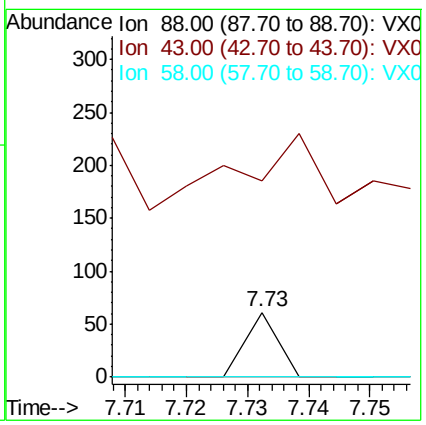


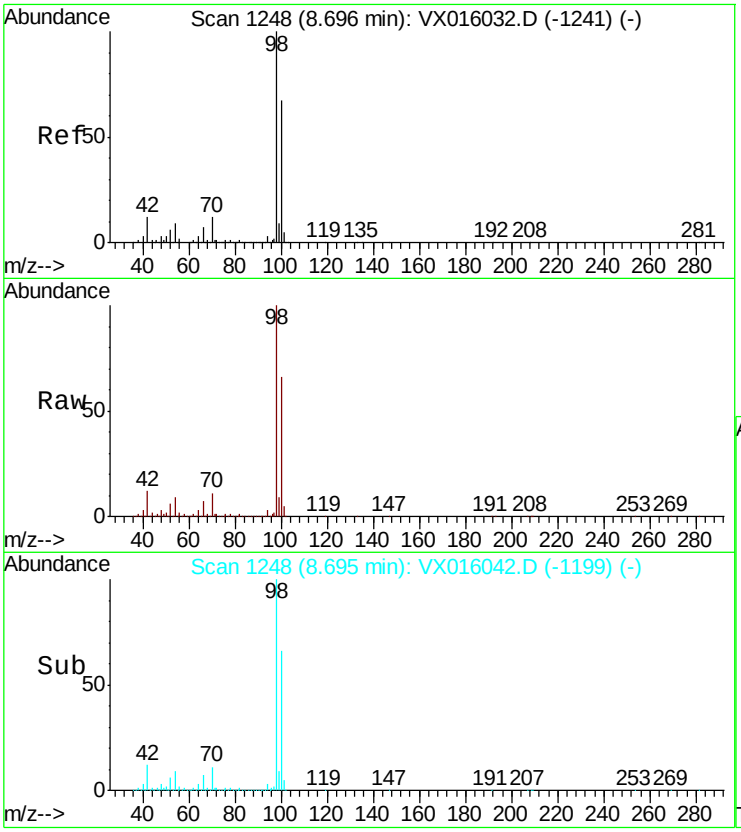


#49
1,4-Dioxane
Concen: 0.225 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	595.5	25.3	37.9#
58	0.0	55.9	83.9#



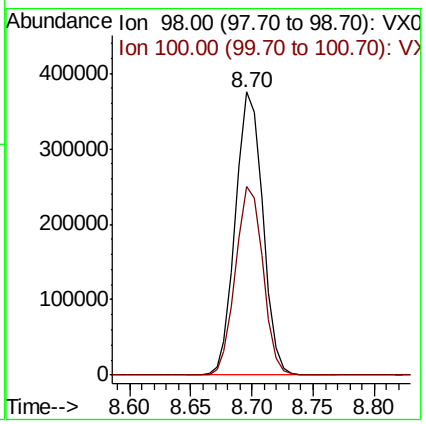


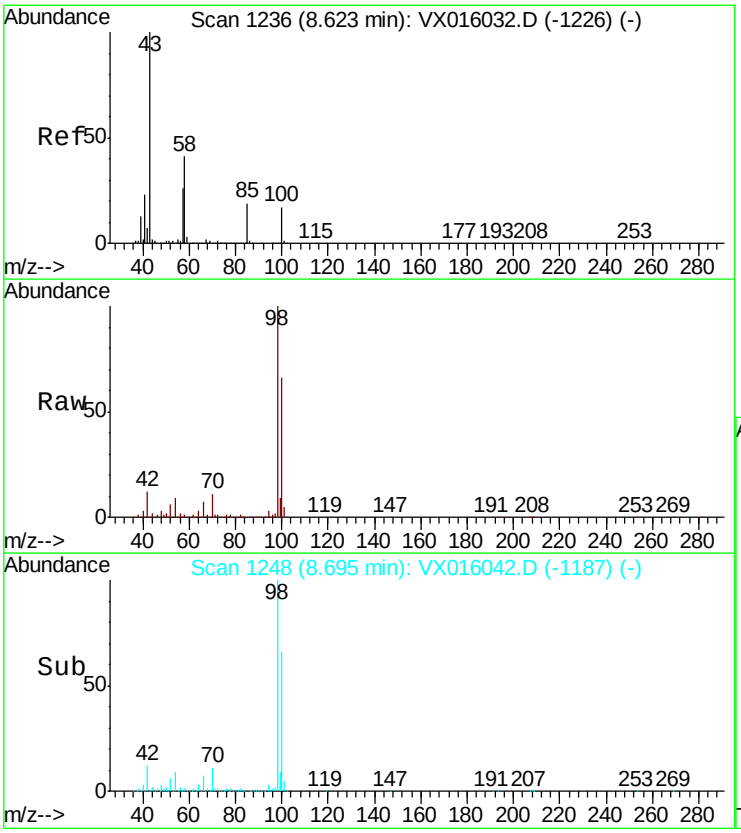
#50
Toluene-d8
Concen: 50.469 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 98 Resp: 582270

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5

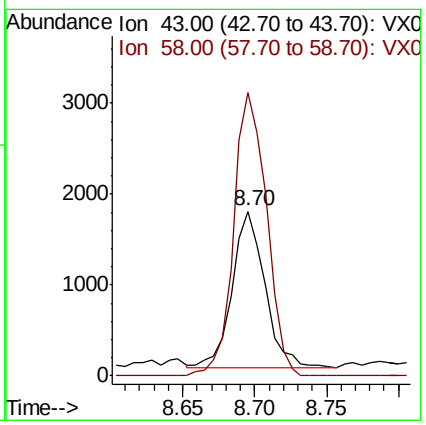


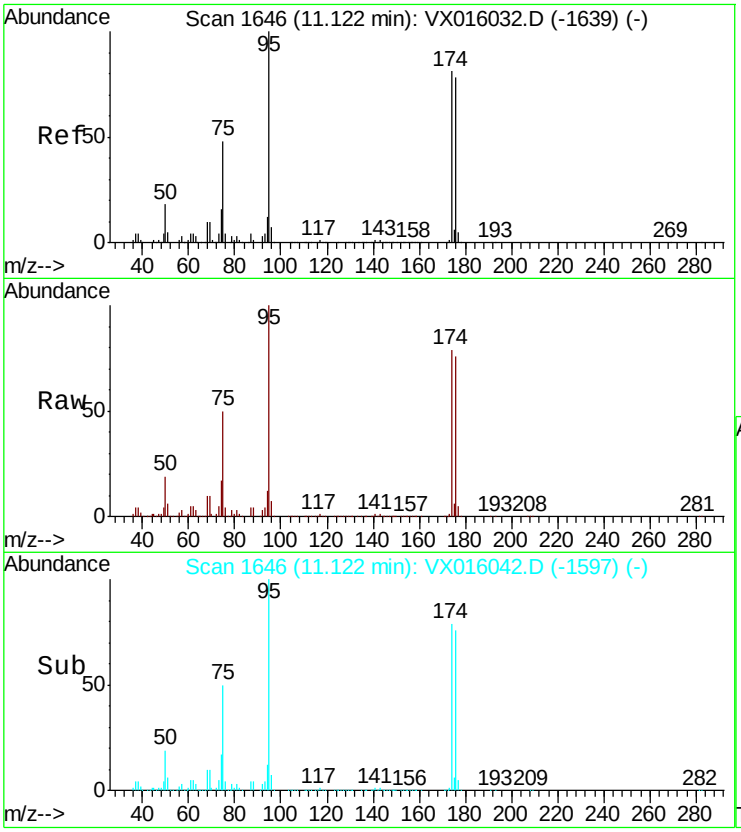


#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.07 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 43 Resp: 2748

Ion	Ratio	Lower	Upper
43	100		
58	179.7	33.0	49.4#



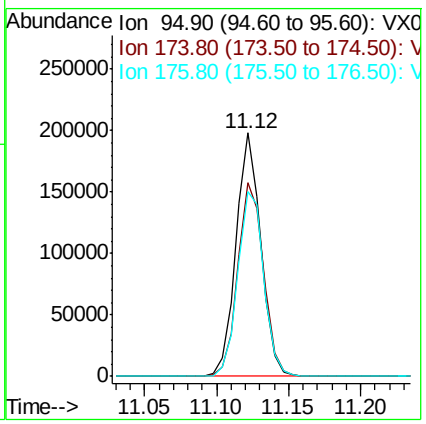


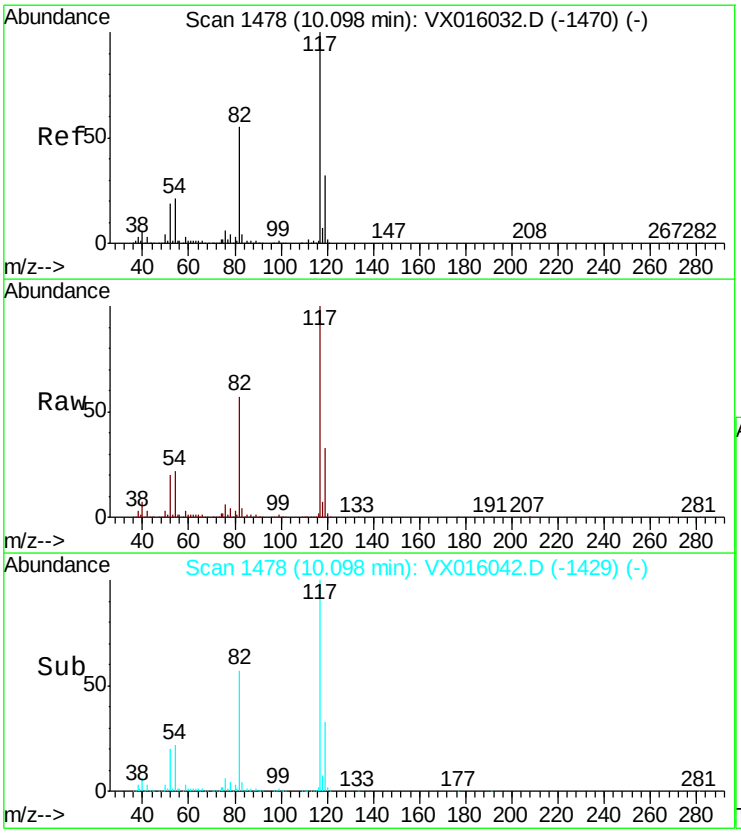
#62
4-Bromofluorobenzene
Concen: 54.077 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 95 Resp: 237300

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	159.4
176	79.4	0.0	157.6

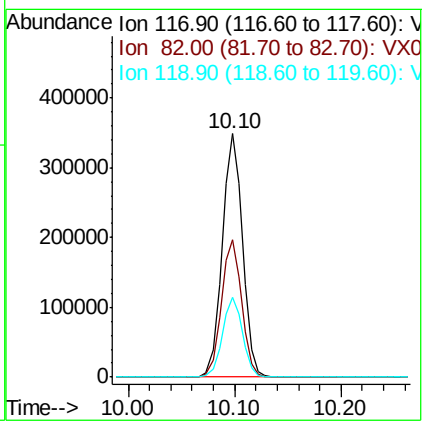


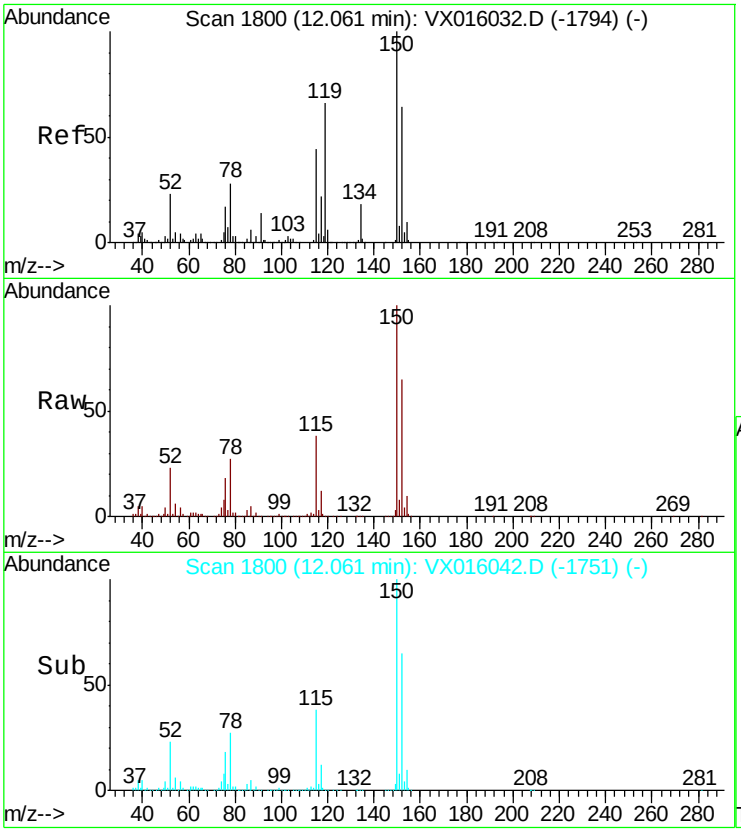


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion:117 Resp: 465687

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.4	66.6
119	32.9	25.5	38.3



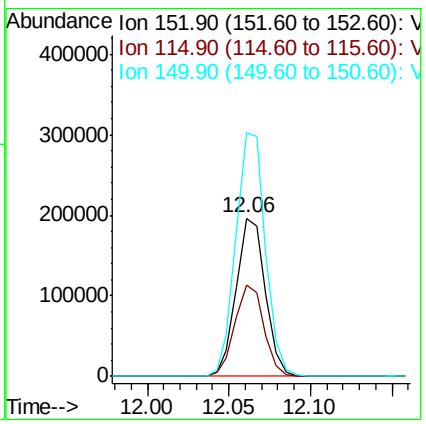


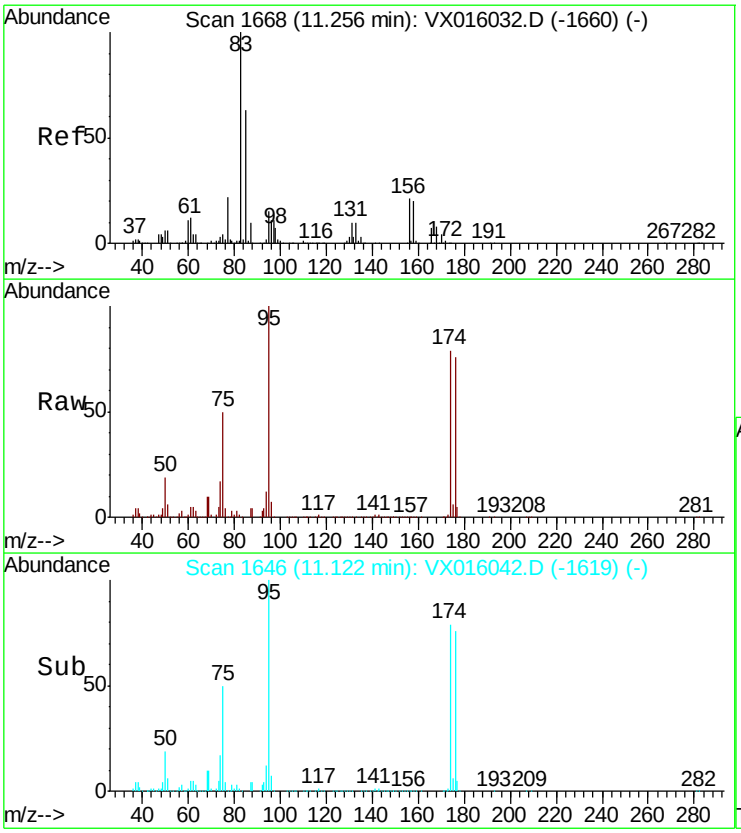
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion:152 Resp: 244323

Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.3	124.1
150	156.4	0.0	352.2

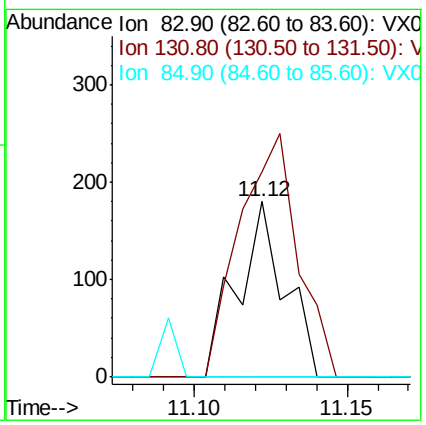


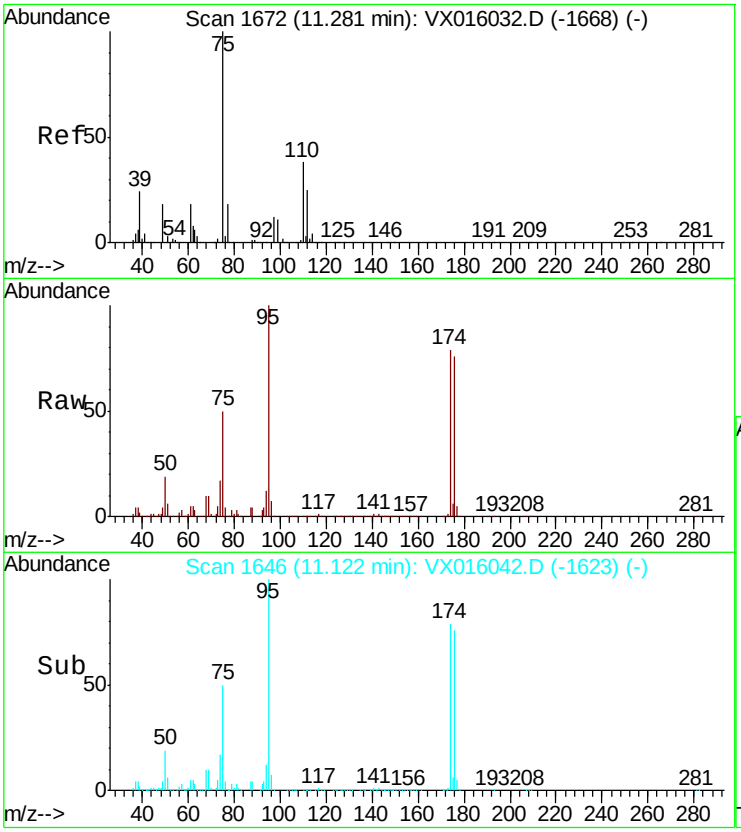


#75
1,1,2,2-Tetrachloroethane
Concen: 4.857 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.13 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 83 Resp: 193

Ion	Ratio	Lower	Upper
83	100		
131	172.0	5.1	15.4#
85	0.0	32.0	96.0#



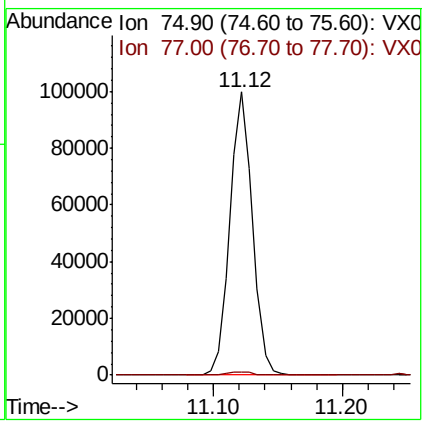


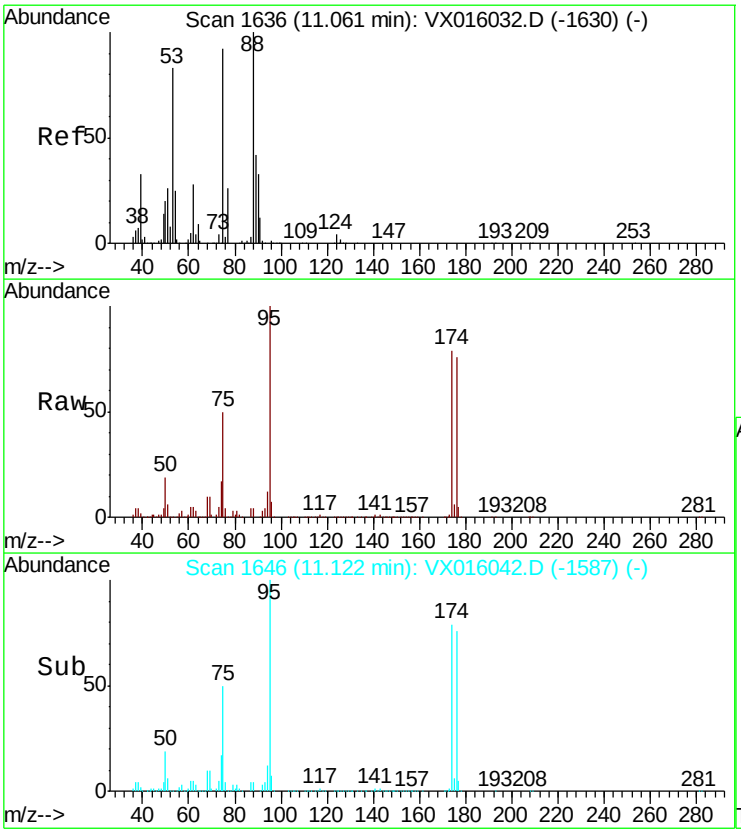
#76
1,2,3-Trichloropropane
Concen: 22.096 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion: 75 Resp: 122507

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#

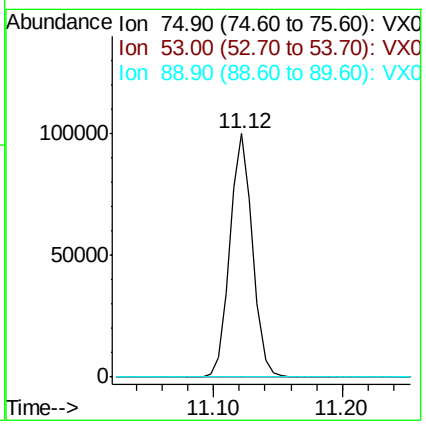


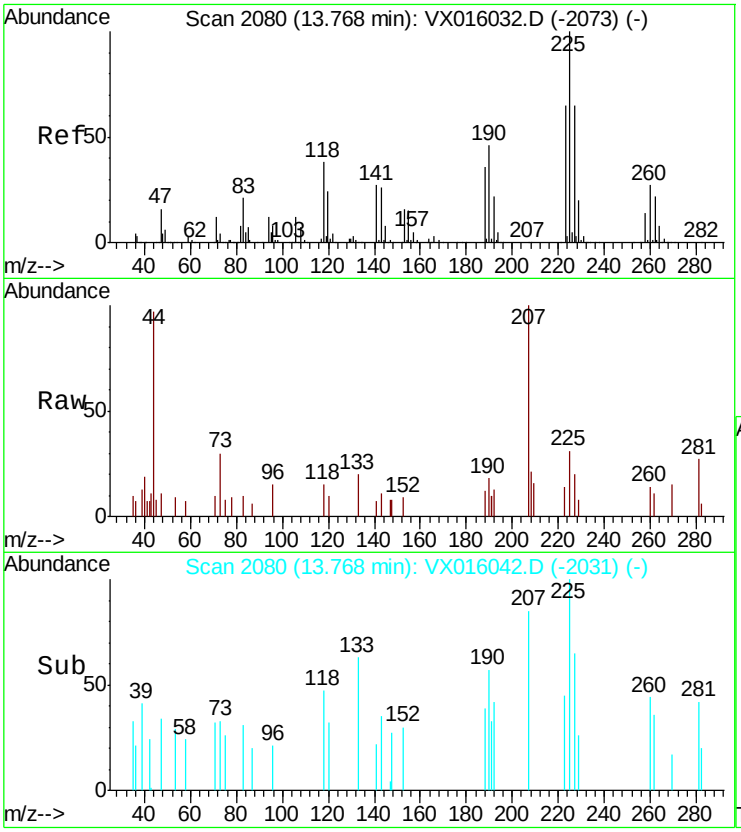


#81
trans-1,4-Dichloro-2-butene
Concen: 52.657 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Tgt Ion: 75 Resp: 122507

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.1	109.7#
89	0.0	36.7	55.1#





#94
Hexachlorobutadiene
Concen: 0.631 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016042.D
Acq: 04 May 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118S-20200429

Tgt Ion:225 Resp: 274

Ion	Ratio	Lower	Upper
225	100		
223	67.9	32.3	96.9
227	70.4	31.8	95.4