Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016222.D
Acq On : 14 May 2020 11:52
Operator : JC/SP
Sample : L2596-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : R-1U

Quant Time: May 15 01:31:17 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	5.63	168	235961	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	396038	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	389140	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206951	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	145726	46.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.86%				
35) Dibromofluoromethane	5.47	113	121351	48.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.72%				
50) Toluene-d8	8.70	98	485175	50.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.38%				
62) 4-Bromofluorobenzene	11.12	95	201497	54.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.60%				
Target Compounds							Qvalue
5) Bromomethane	1.62	94	1043	0.67	ug/l	#	65
10) Methyl Iodide	2.50	142	939	0.30	ug/l	#	89
11) Tert butyl alcohol	3.03	59	485	0.62	ug/l	#	72
13) Acrolein	2.28	56	727	1.48	ug/l		92
15) Acrylonitrile	3.12	53	661	0.41	ug/l		96
16) Acetone	2.43	43	15027	10.85	ug/l		95
17) Carbon Disulfide	2.54	76	762009	103.67	ug/l		99
18) Methyl Acetate	2.76	43	856	0.25	ug/l	#	76
20) Methylene Chloride	2.84	84	808	0.28	ug/l	#	76
21) trans-1,2-Dichloroethene	3.14	96	592	0.22	ug/l	#	36
25) 2-Butanone	4.65	43	2777	1.24	ug/l		98
29) Tetrahydrofuran	5.12	42	506	0.34	ug/l		98
36) 1,1-Dichloropropene	5.63	75	17929	4.60	ug/l	#	49
38) Carbon Tetrachloride	5.63	117	22521	5.68	ug/l	#	15
40) Benzene	6.12	78	6591	0.58	ug/l		94
52) Toluene	8.76	92	2081	0.29	ug/l		98
68) m/p-Xylenes	10.34	106	2489	0.46	ug/l		92
69) o-Xylene	10.68	106	1339	0.26	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.12	83	110	2.09	ug/l	#	1
76) 1,2,3-Trichloropropane	11.12	75	98878	21.05	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.12	75	98878	50.18	ug/l	#	13
93) 1,2,4-Trichlorobenzene	13.63	180	1335	0.27	ug/l		95
94) Hexachlorobutadiene	13.77	225	867	0.92	ug/l		94
95) Naphthalene	13.82	128	183232	11.38	ug/l		99
96) 1,2,3-Trichlorobenzene	14.01	180	1303	0.27	ug/l		92

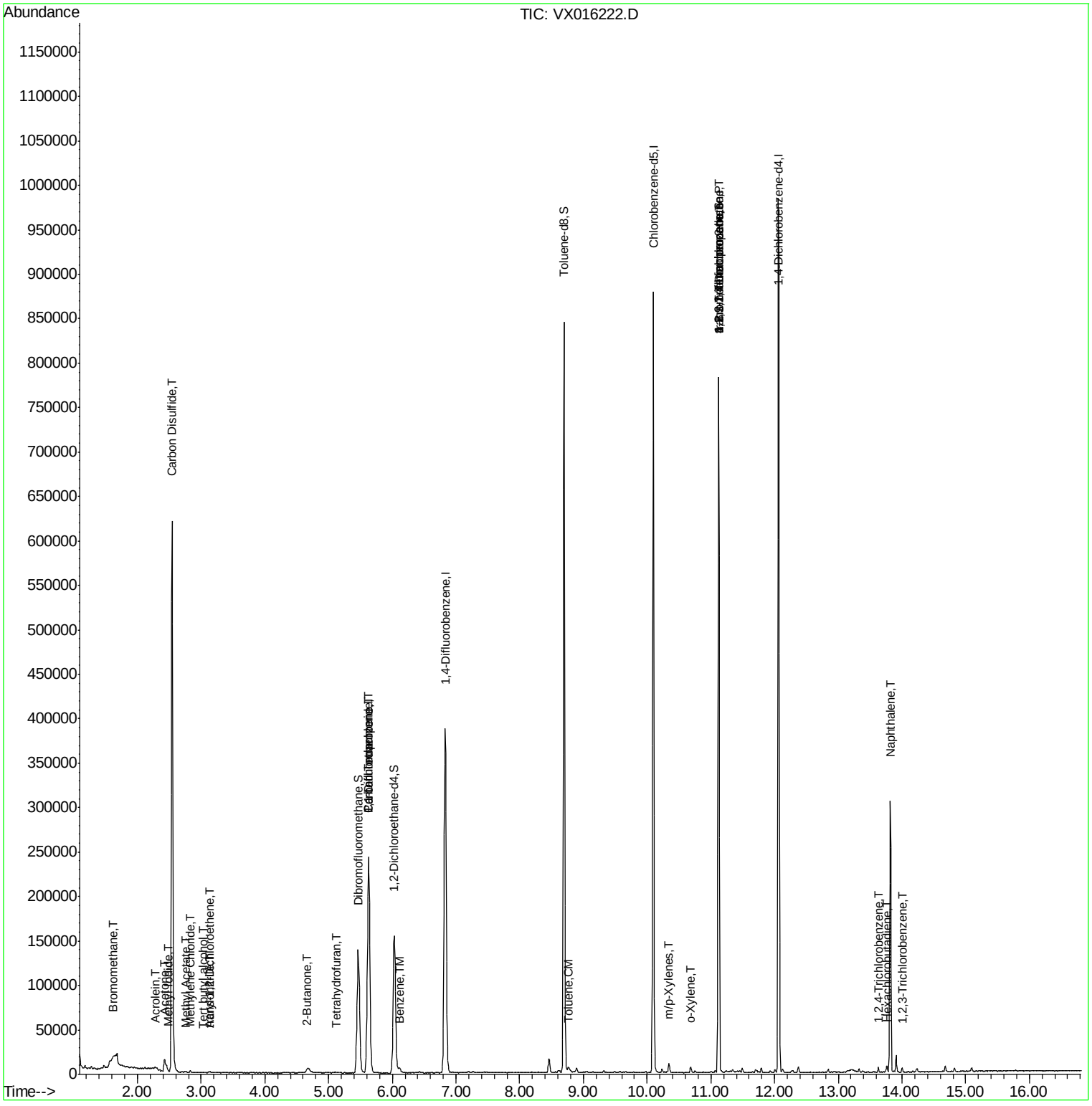
(#) = qualifier out of range (m) = manual integration (+) = signals summed

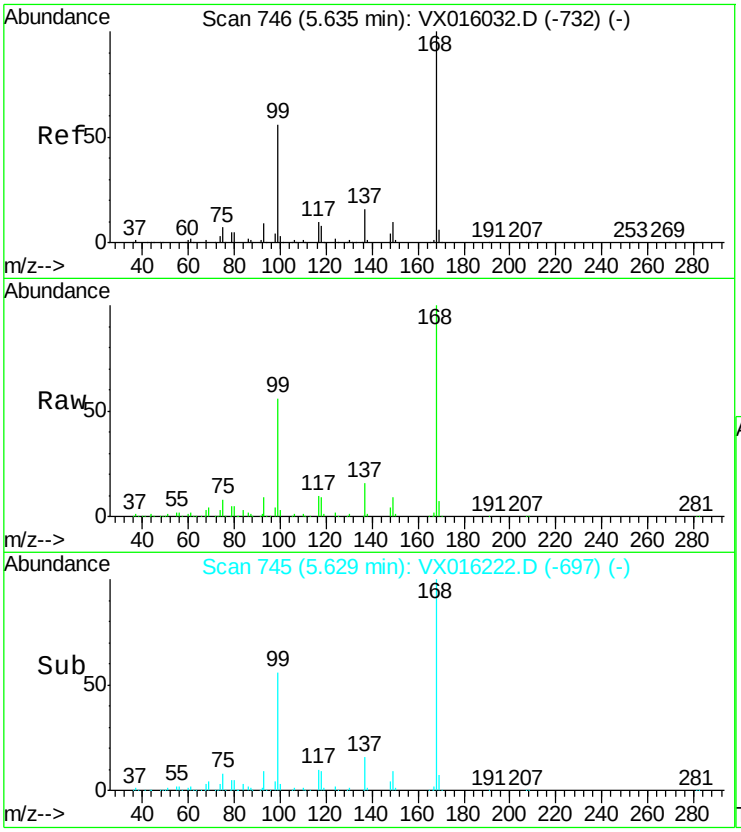
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016222.D
Acq On : 14 May 2020 11:52
Operator : JC/SP
Sample : L2596-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Quant Time: May 15 01:31:17 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



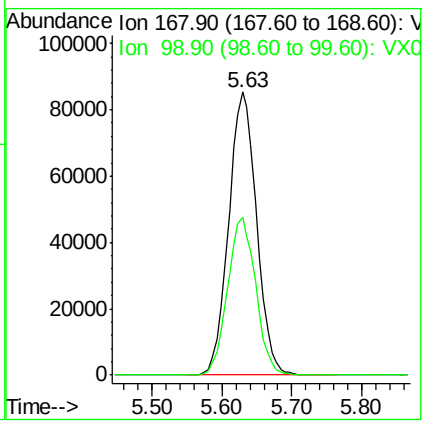


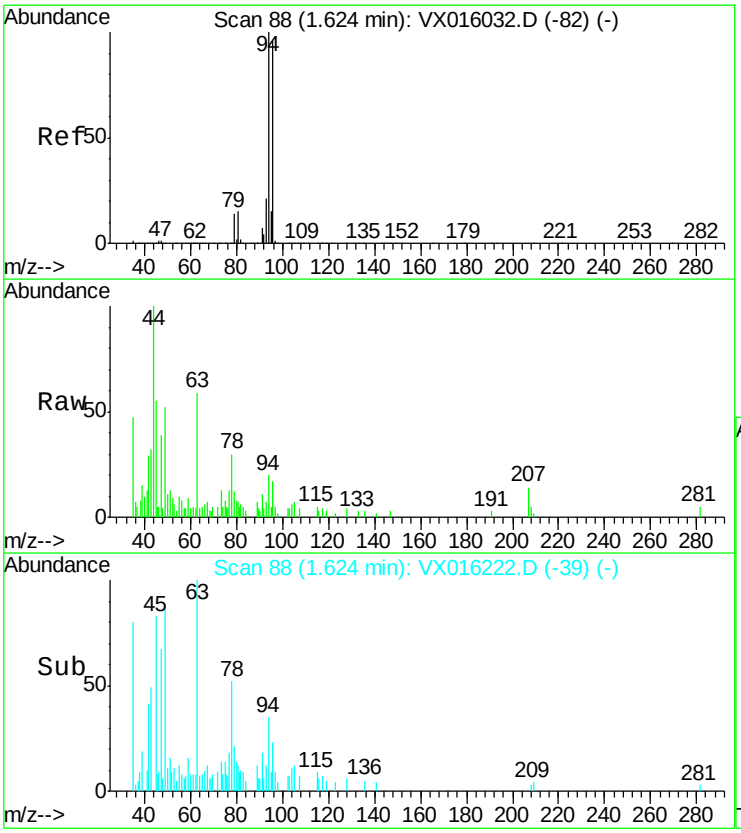
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:168 Resp: 235961

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.0	67.4

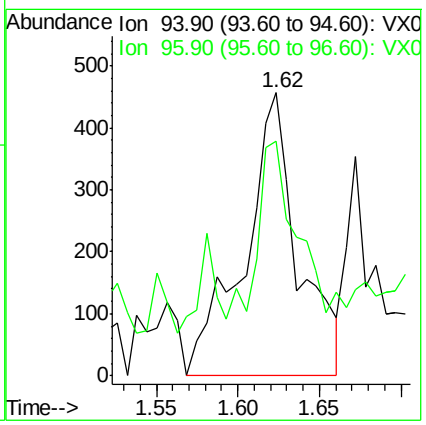


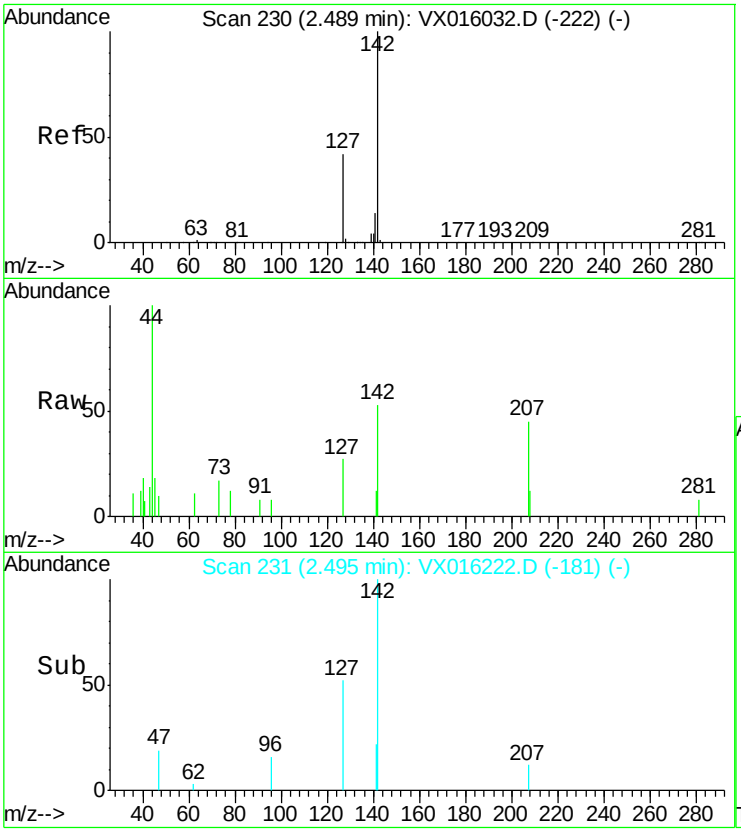


#5
Bromomethane
Concen: 0.67 ug/l
RT: 1.62 min Scan# 88
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 94 Resp: 1043

Ion	Ratio	Lower	Upper
94	100		
96	61.9	76.9	115.3#



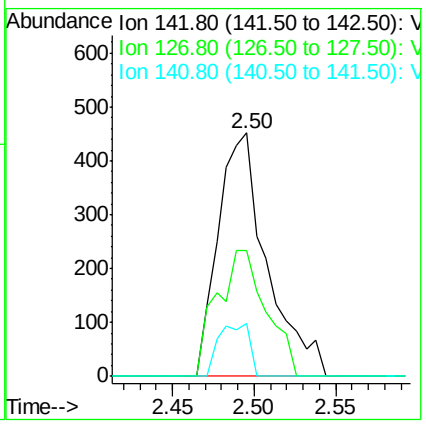


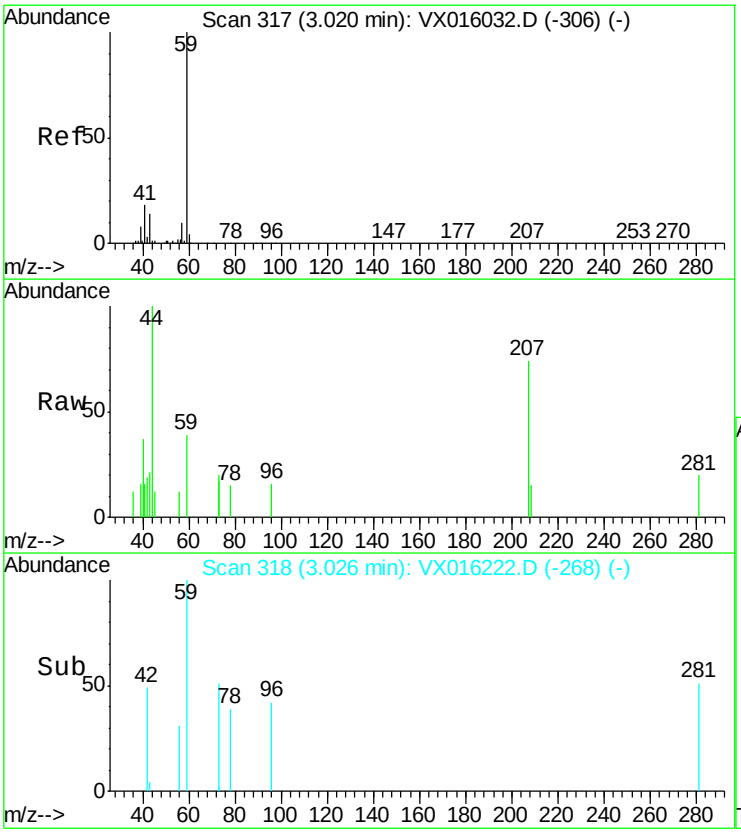
#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:142 Resp: 939

Ion	Ratio	Lower	Upper
142	100		
127	52.2	34.6	52.0#
141	13.5	11.3	16.9

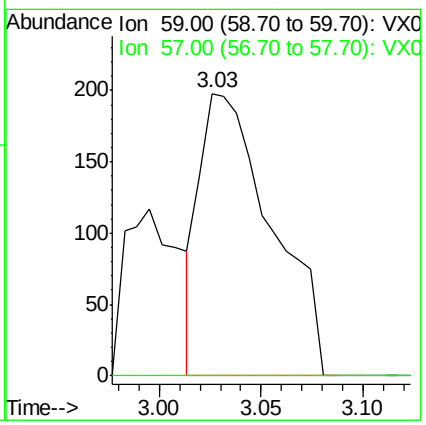


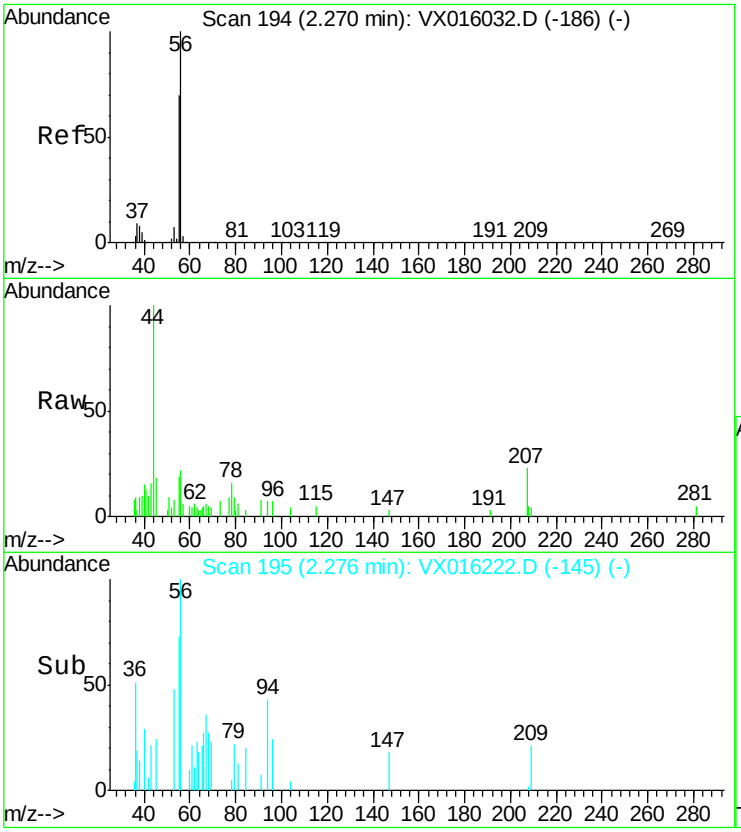


#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 59 Resp: 485

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



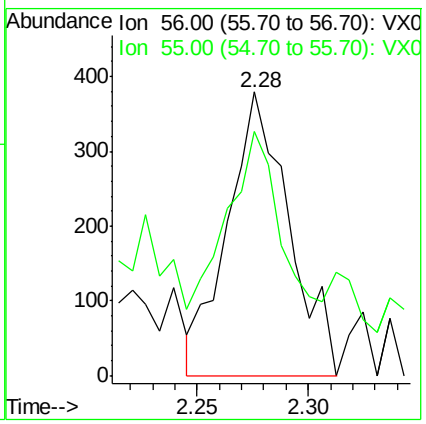


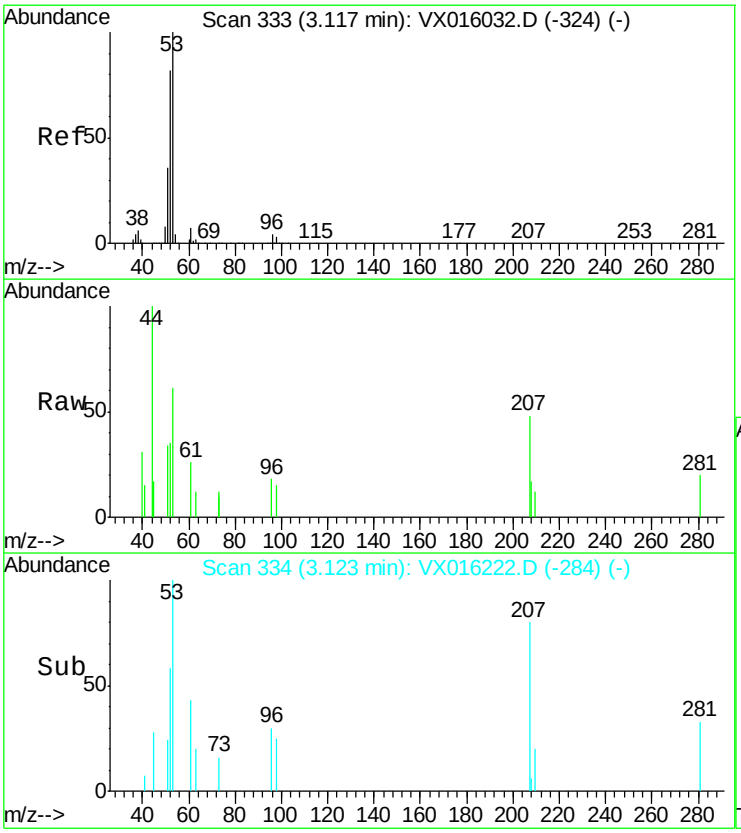
#13
Acrolein
Concen: 1.48 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 56 Resp: 727

Ion	Ratio	Lower	Upper
56	100		
55	77.3	56.5	84.7

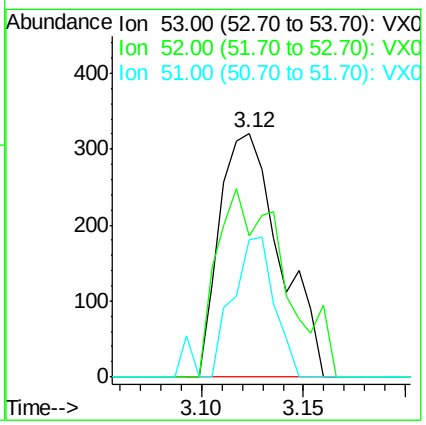


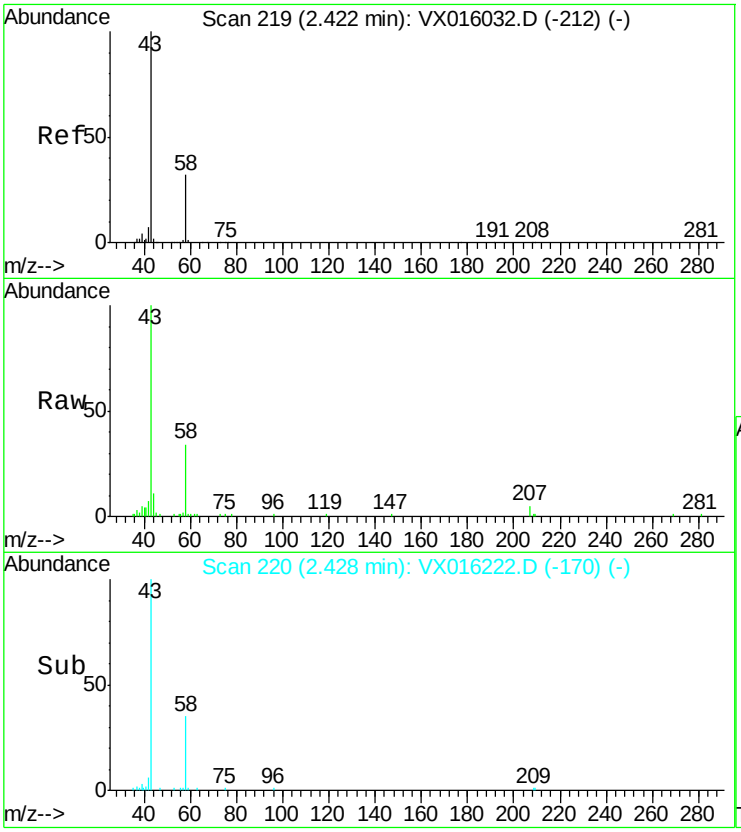


#15
Acrylonitrile
Concen: 0.41 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 53 Resp: 661

Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.1	99.1
51	39.3	28.8	43.2



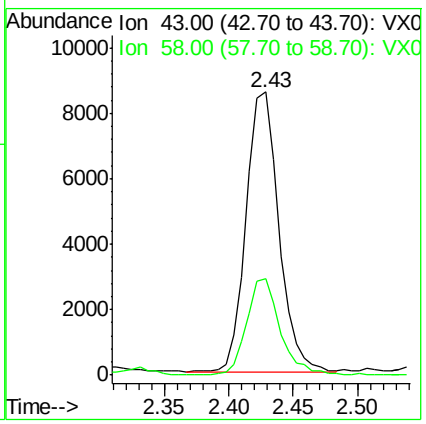


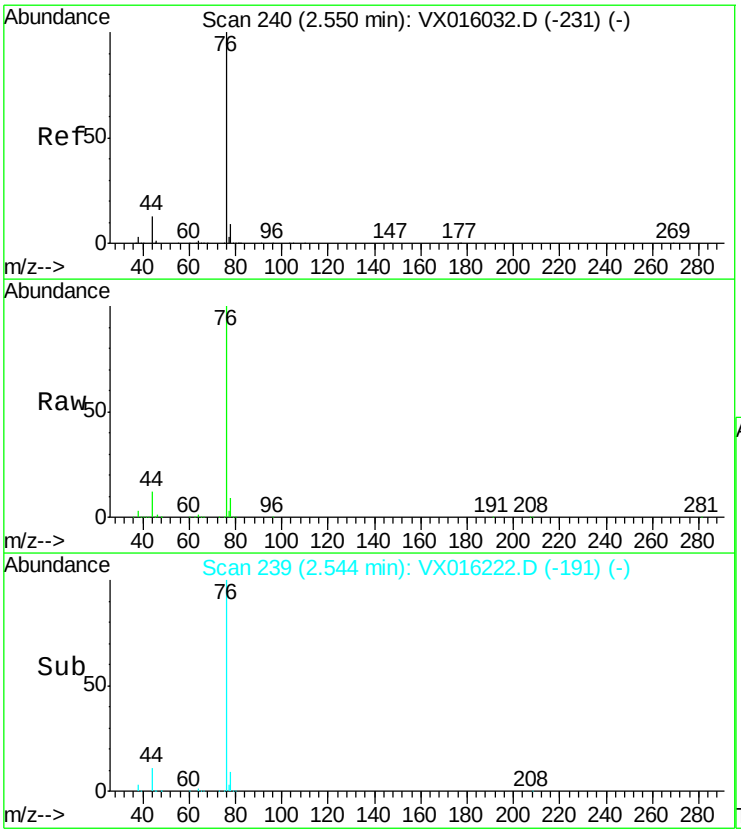
#16
Acetone
Concen: 10.85 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 43 Resp: 15027

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0

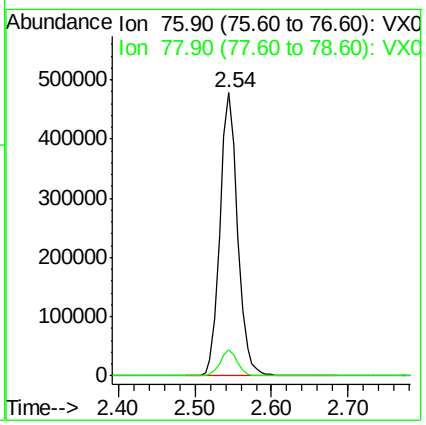


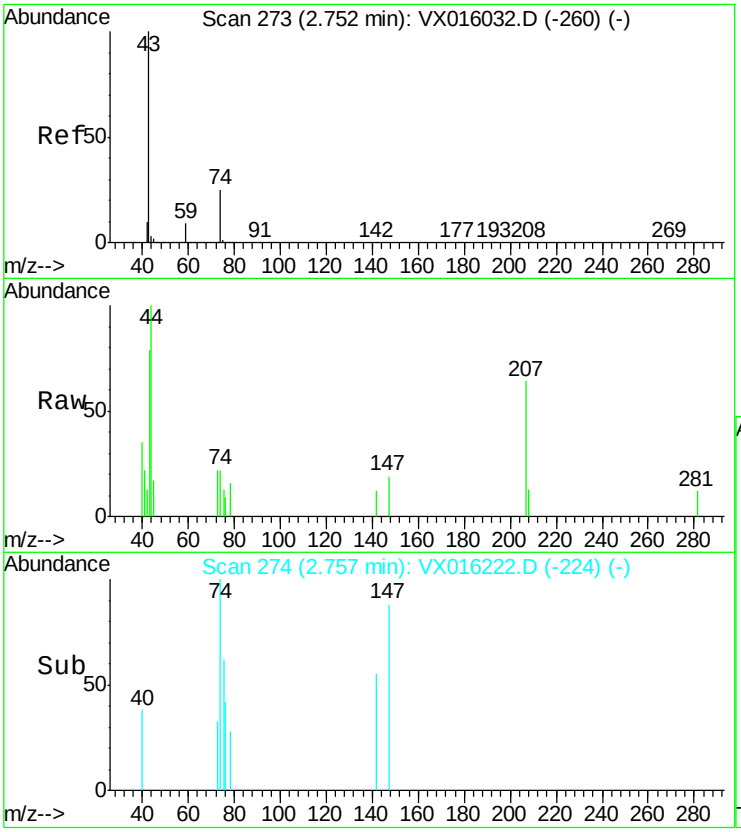


#17
Carbon Disulfide
Concen: 103.67 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 76 Resp: 762009

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3



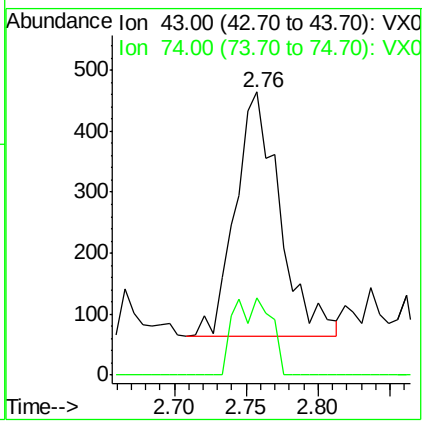


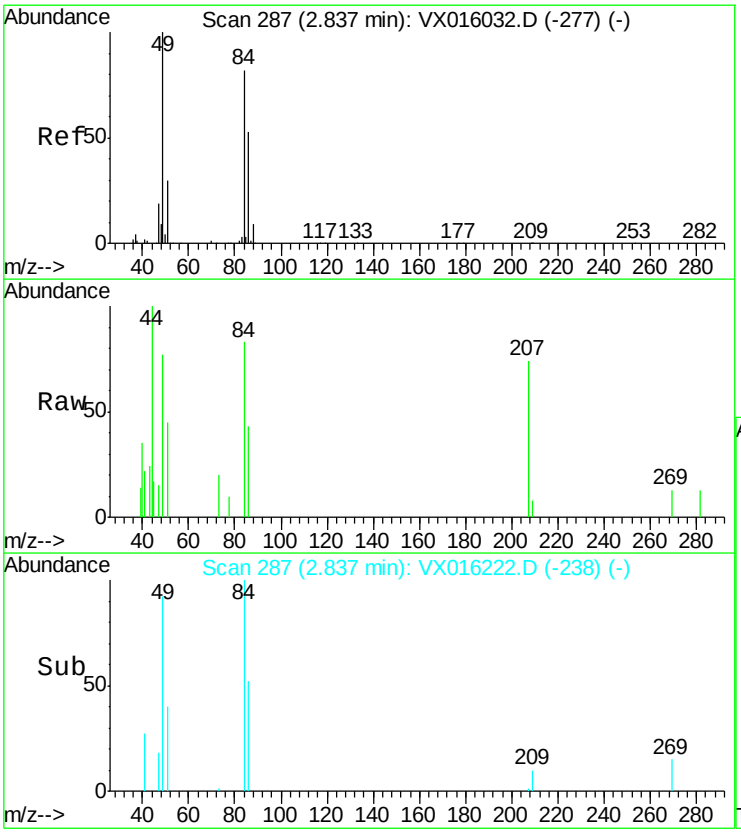
#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion: 43 Resp: 856

Ion	Ratio	Lower	Upper
43	100		
74	13.1	20.2	30.2#

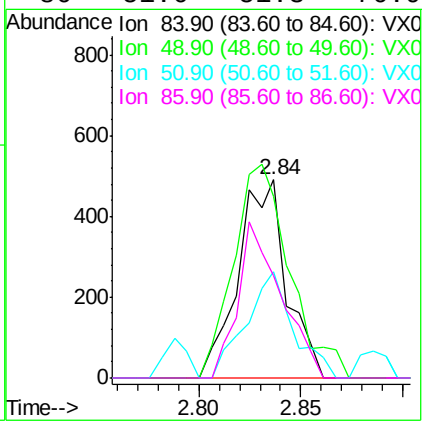


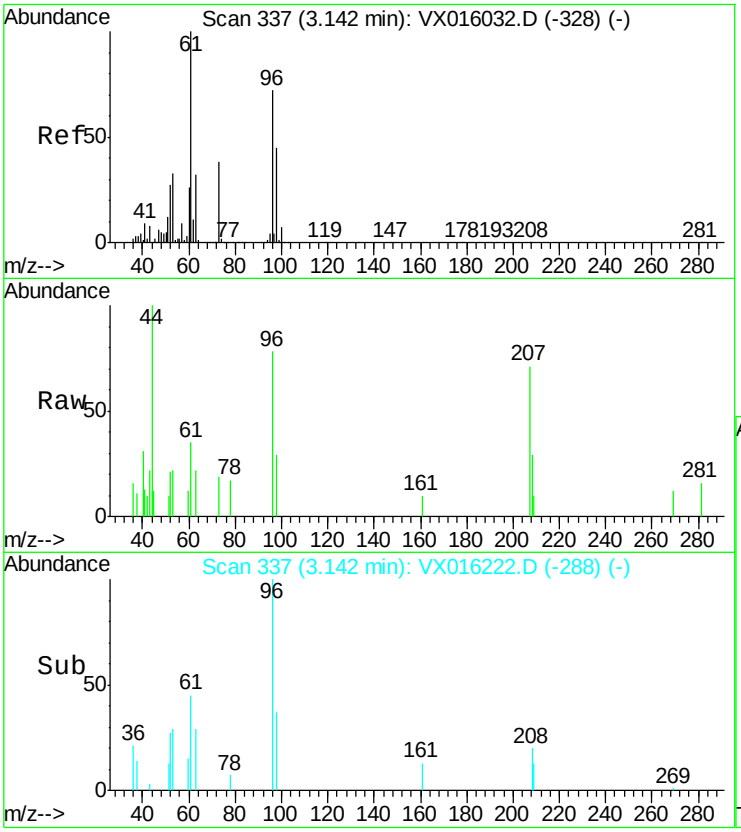


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 84 Resp: 808

Ion	Ratio	Lower	Upper
84	100		
49	92.0	97.3	145.9#
51	53.9	29.3	43.9#
86	51.6	51.3	76.9



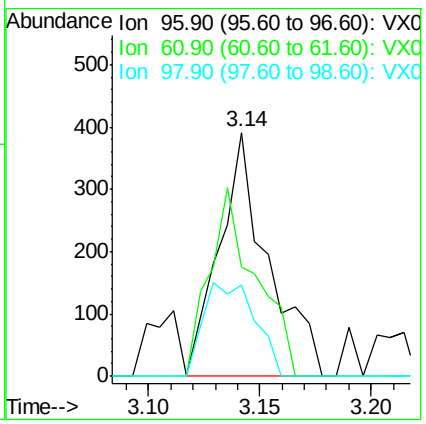


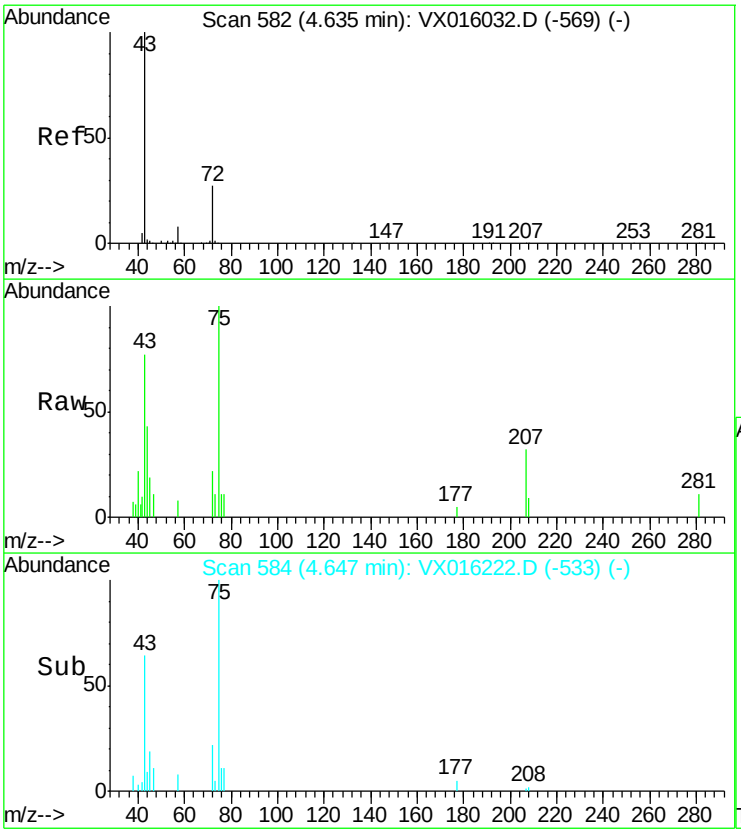
#21
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 96 Resp: 592

Ion	Ratio	Lower	Upper
96	100		
61	45.0	111.2	166.8#
98	37.3	50.2	75.4#

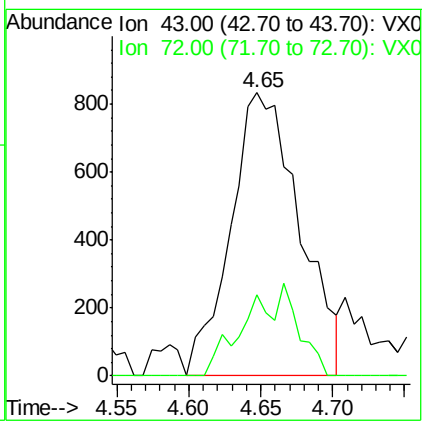


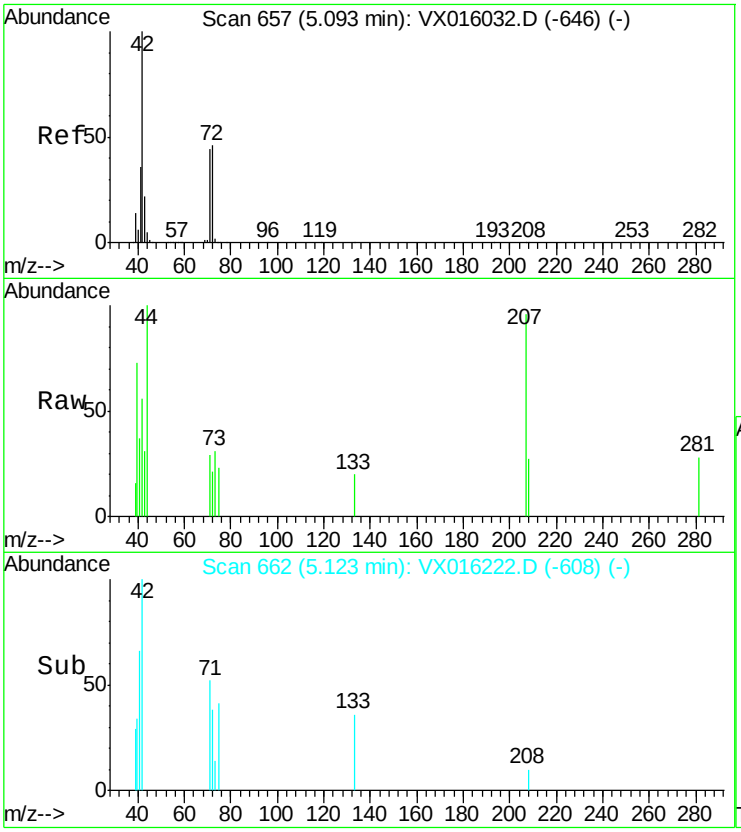


#25
2-Butanone
Concen: 1.24 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 43 Resp: 2777

Ion	Ratio	Lower	Upper
43	100		
72	28.6	21.8	32.8



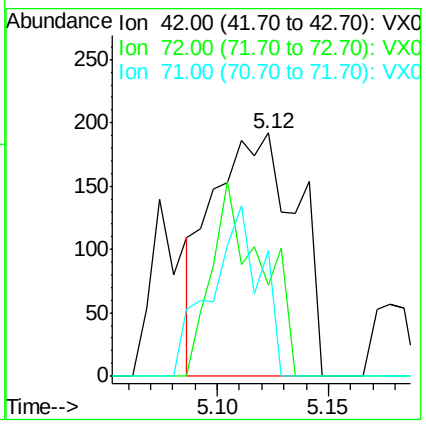


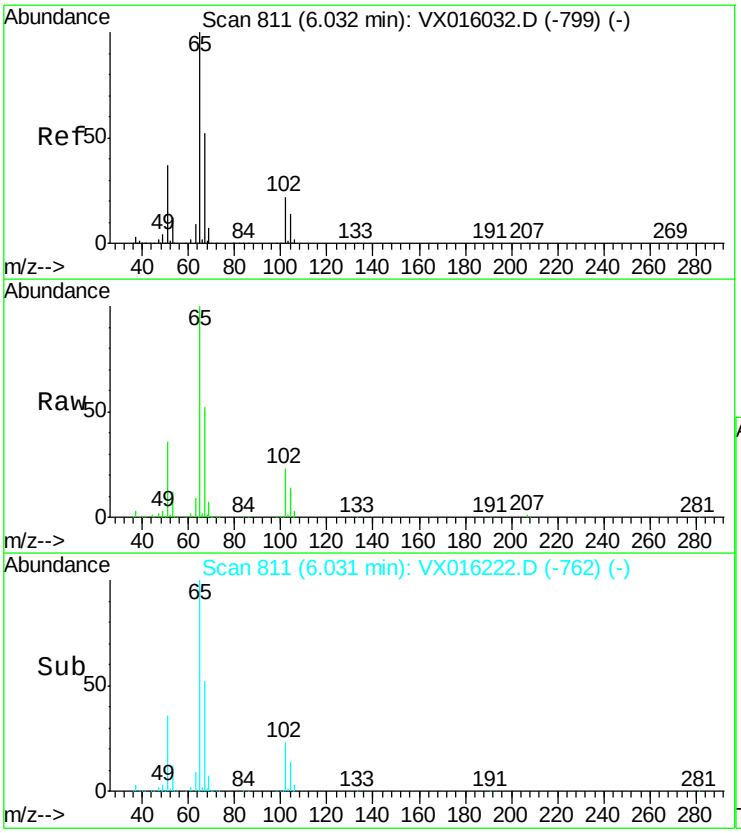
#29
Tetrahydrofuran
Concen: 0.34 ug/l
RT: 5.12 min Scan# 662
Delta R.T. 0.03 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion: 42 Resp: 506

Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.1	55.7
71	41.5	34.5	51.7

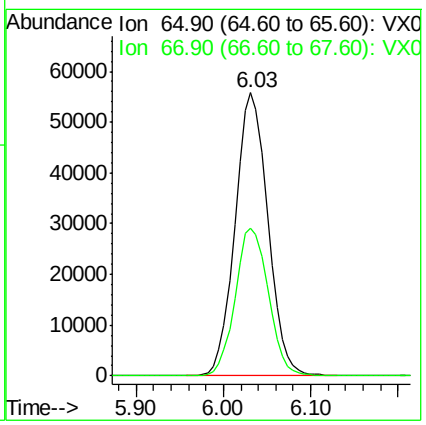


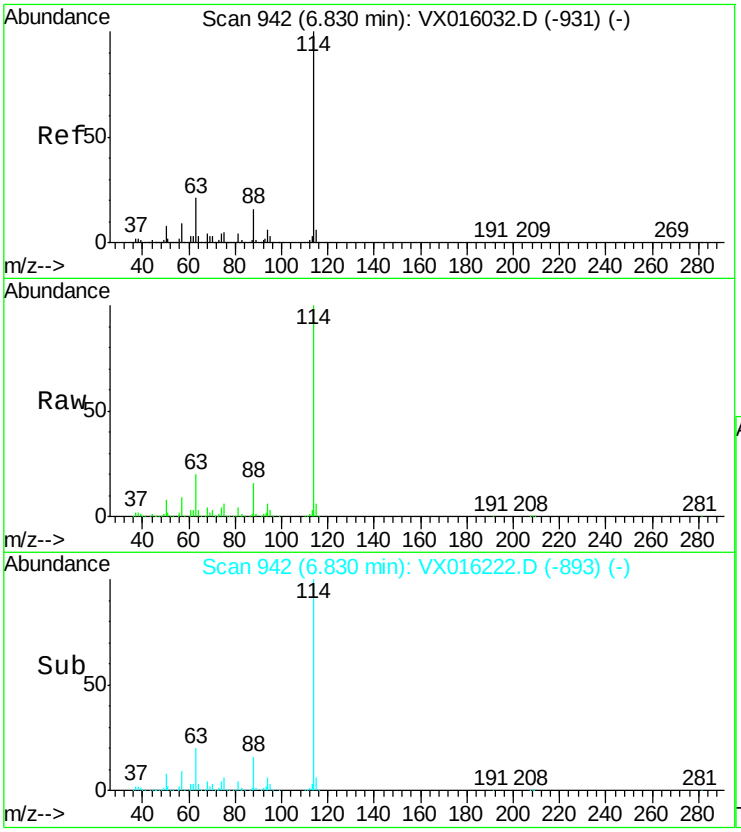


#33
1,2-Dichloroethane-d4
Concen: 46.93 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 65 Resp: 145726

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.8



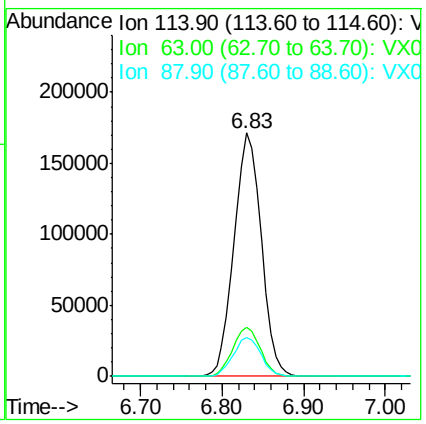


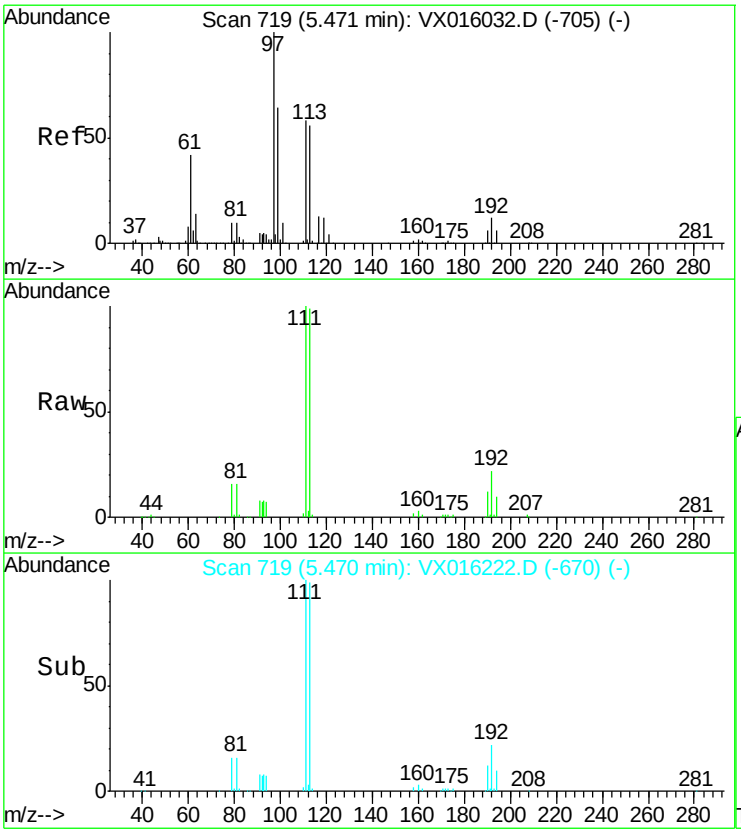
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:114 Resp: 396038

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	16.0	0.0	31.4

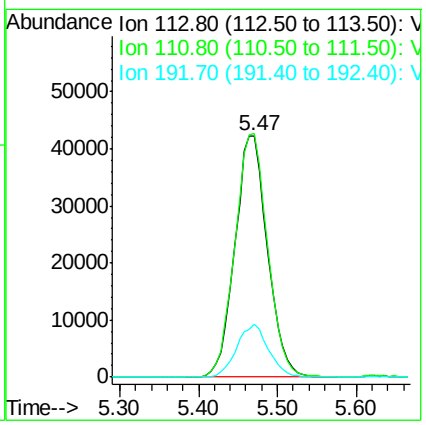


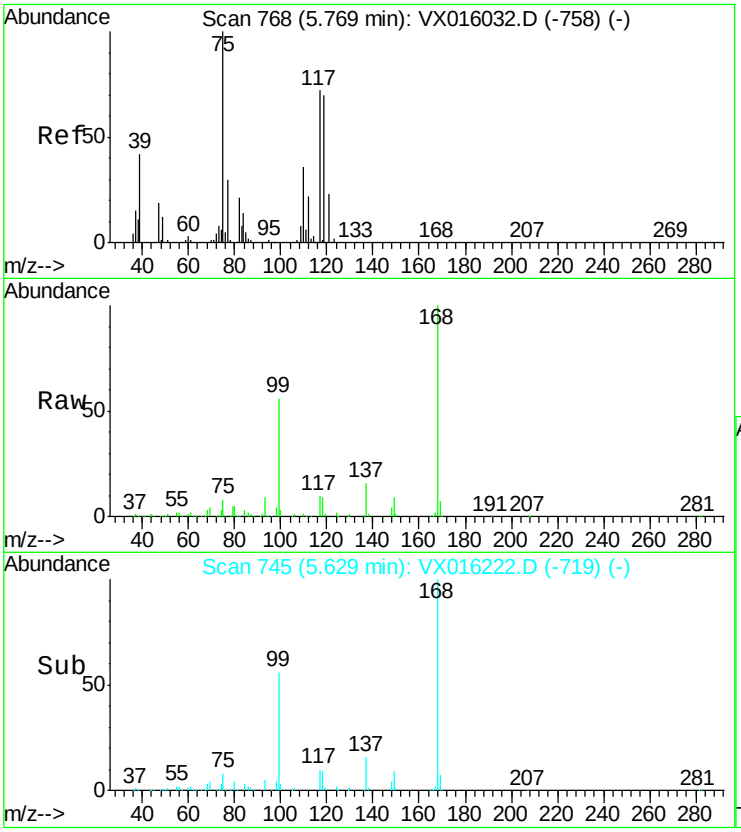


#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:113 Resp: 121351

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	21.4	17.0	25.4



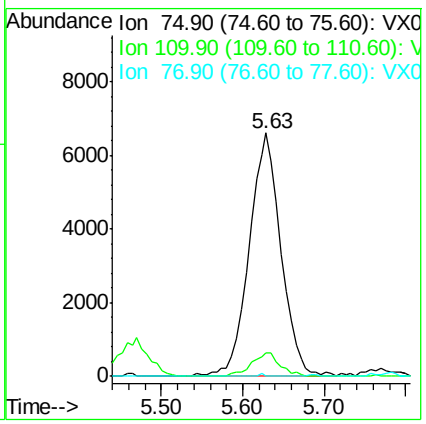


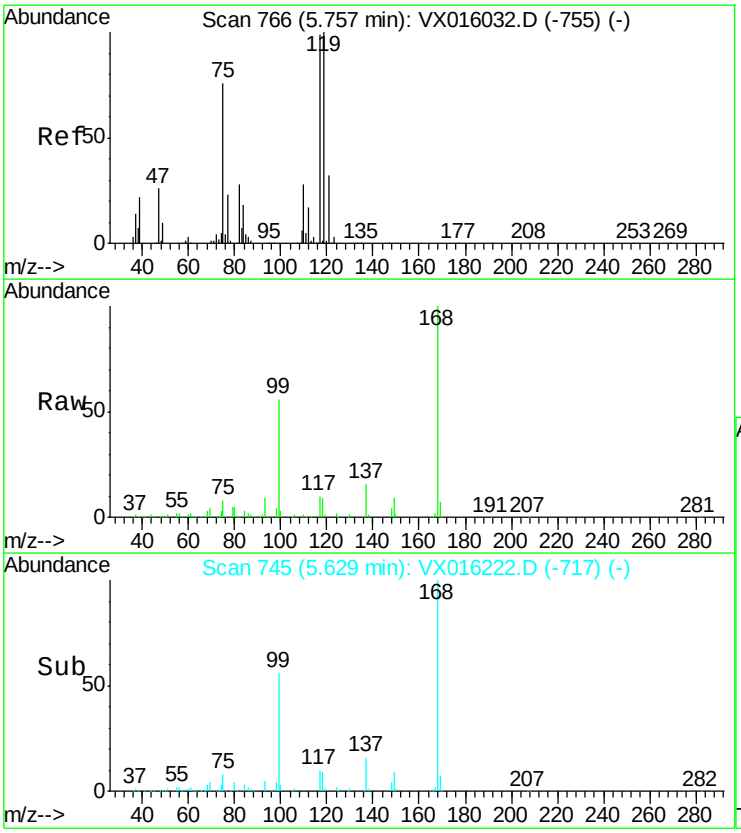
#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion: 75 Resp: 17929

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.2	25.0	37.6#

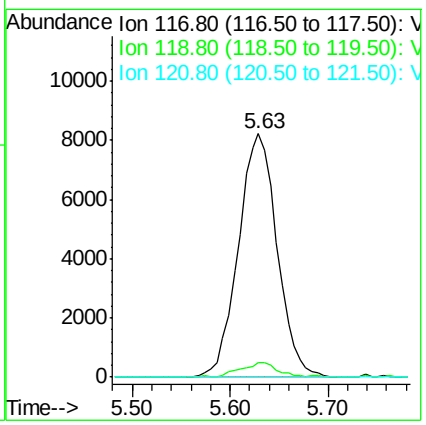


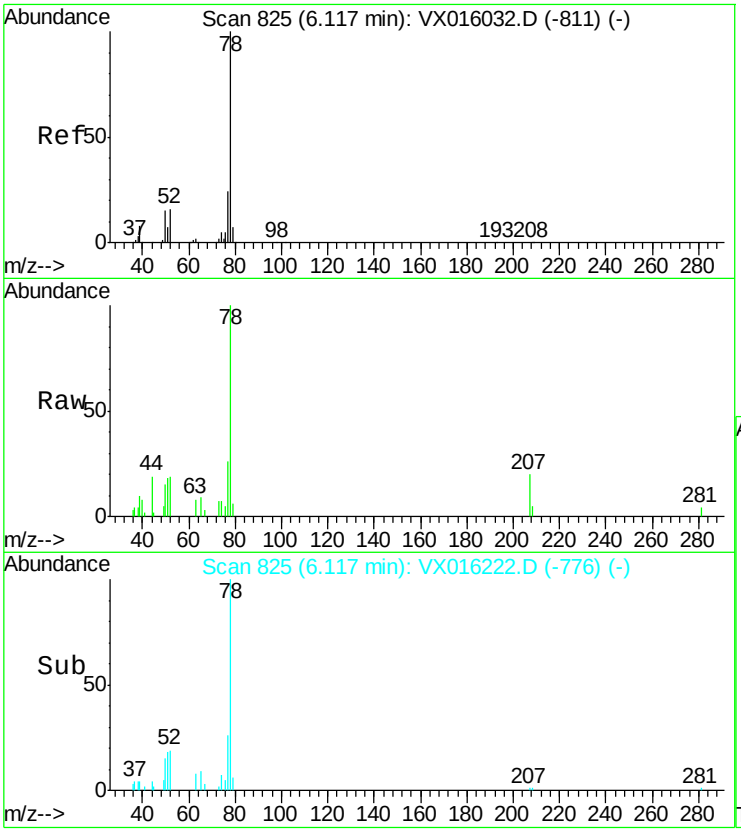


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:117 Resp: 22521

Ion	Ratio	Lower	Upper
117	100		
119	5.8	80.3	120.5#
121	0.0	25.7	38.5#



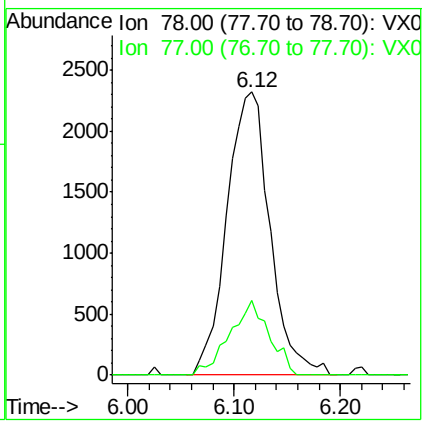


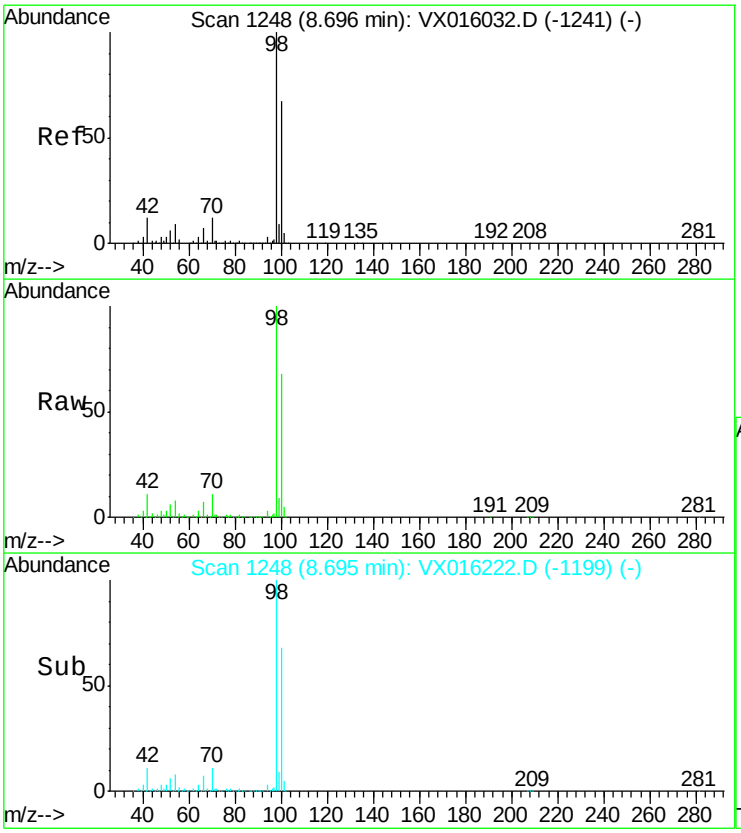
#40
Benzene
Concen: 0.58 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 78 Resp: 6591

Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.0	28.4

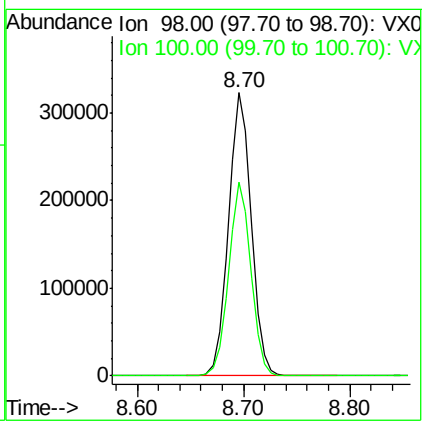


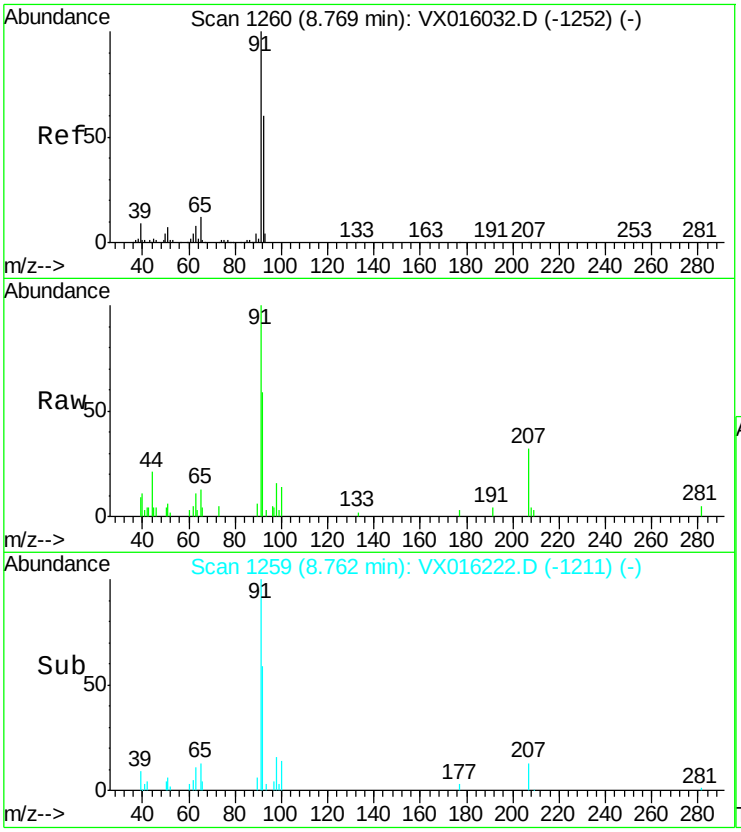


#50
Toluene-d8
Concen: 50.19 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 98 Resp: 485175

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5



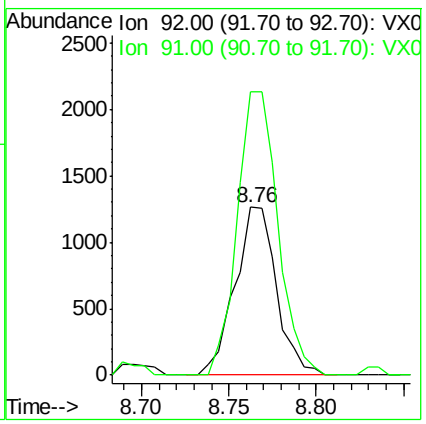


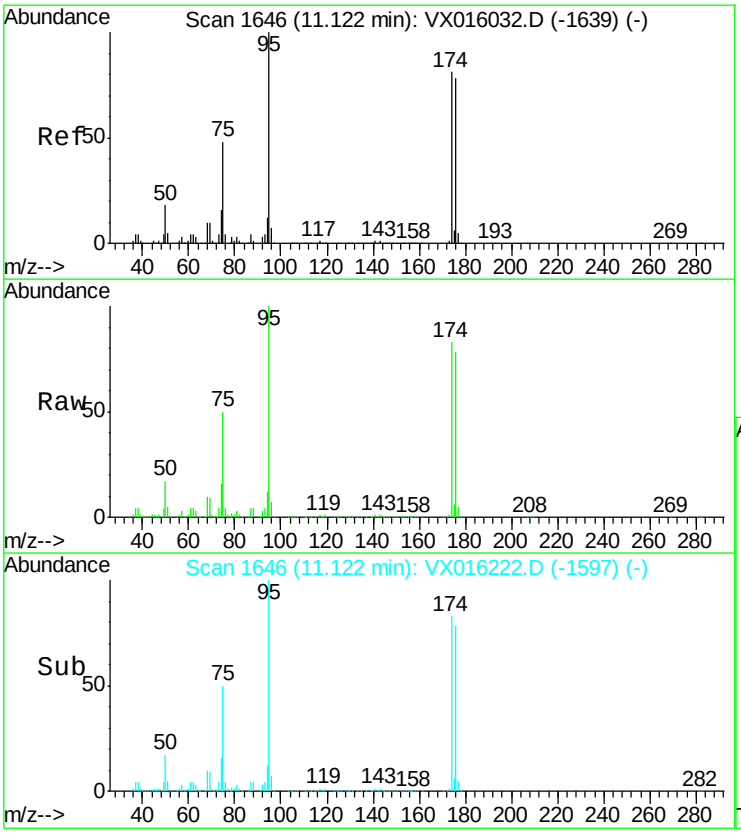
#52
Toluene
Concen: 0.29 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 92 Resp: 2081

Ion	Ratio	Lower	Upper
92	100		
91	165.6	134.5	201.7

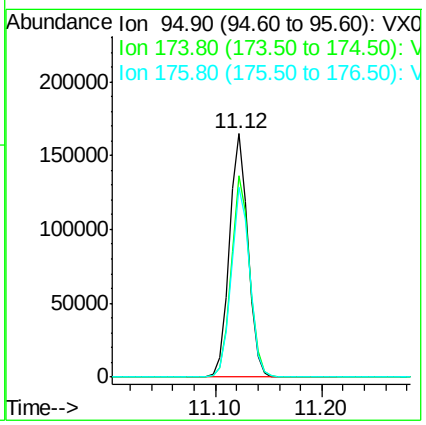


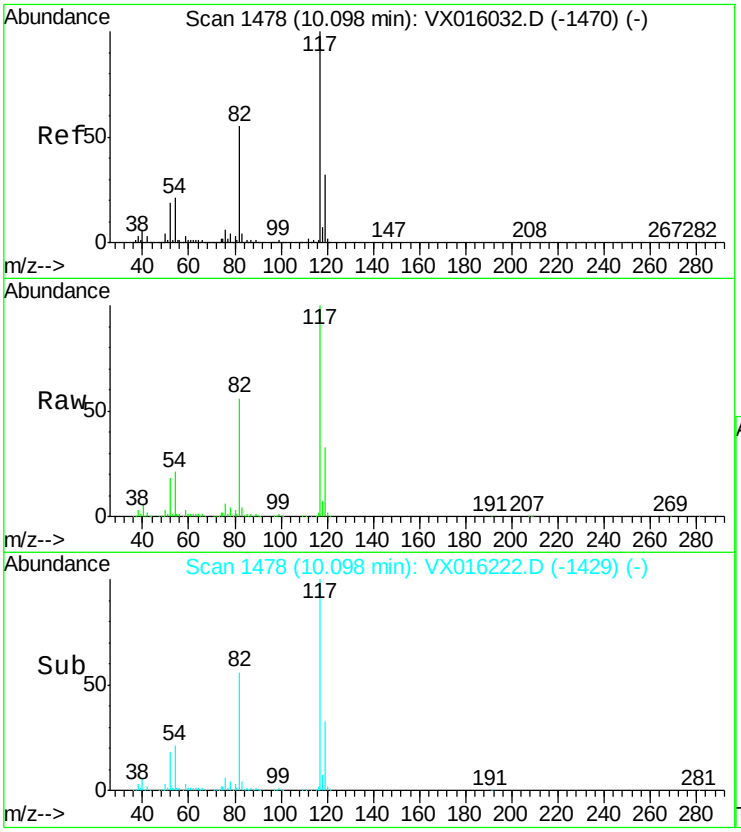


#62
4-Bromofluorobenzene
Concen: 54.80 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 95 Resp: 201497

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.4
176	77.8	0.0	157.6



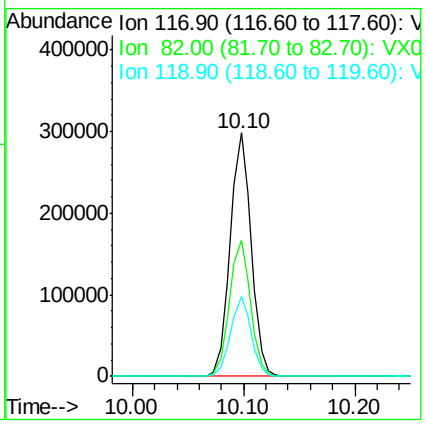


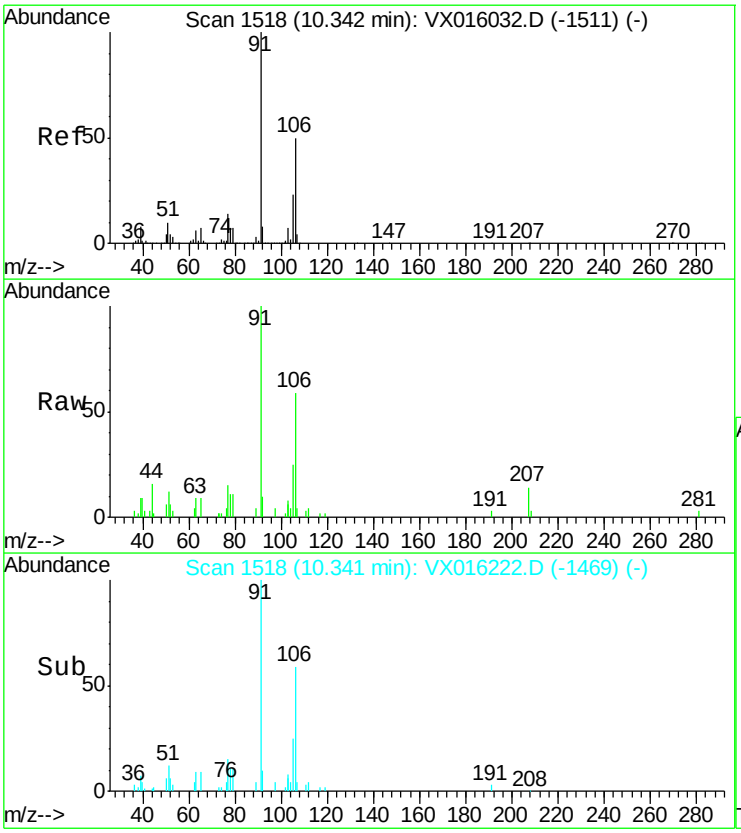
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion:117 Resp: 389140

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.7	25.5	38.3

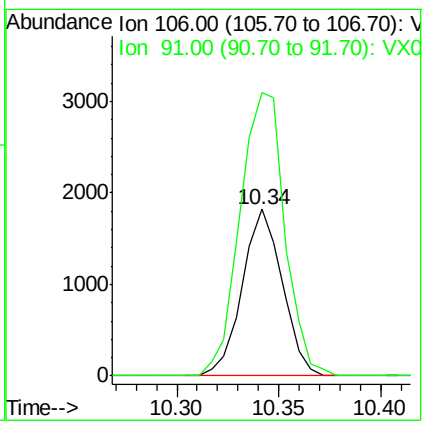


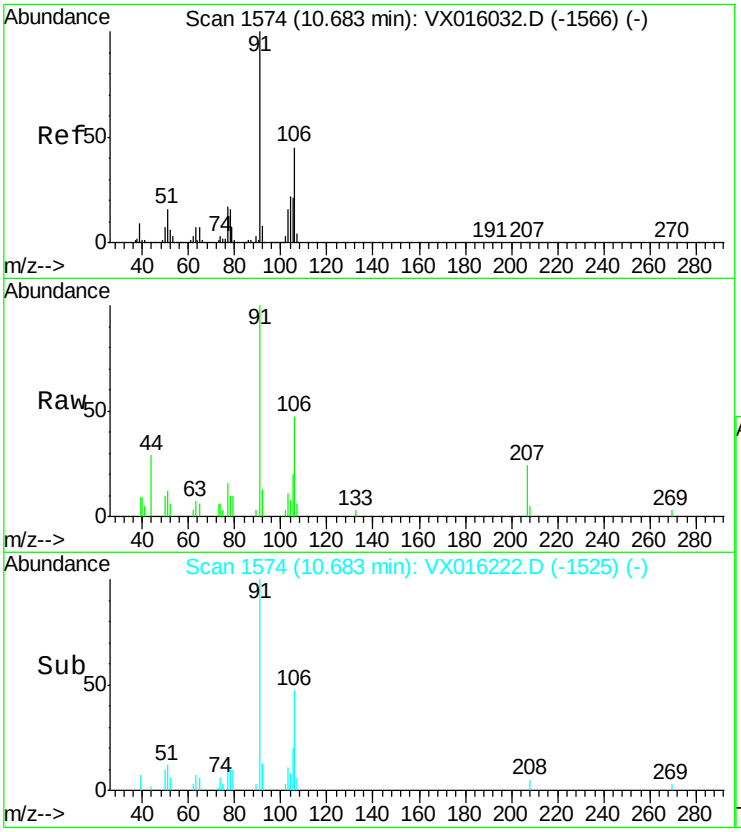


#68
m/p-Xylenes
Concen: 0.46 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:106 Resp: 2489

Ion	Ratio	Lower	Upper
106	100		
91	189.9	161.7	242.5



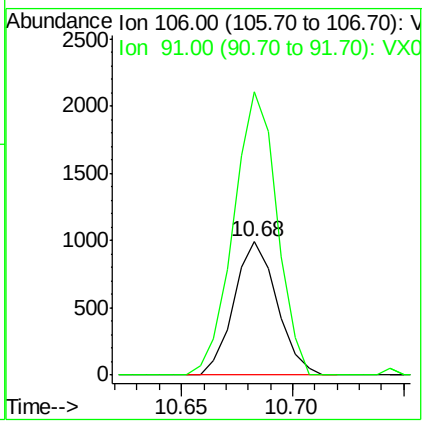


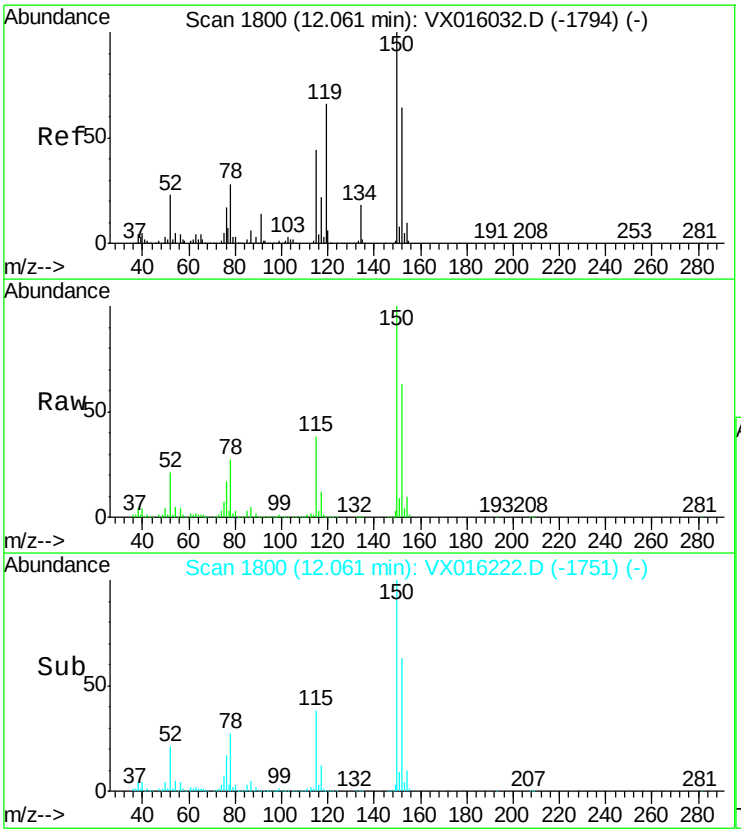
#69
o-Xylene
Concen: 0.26 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:106 Resp: 1339

Ion	Ratio	Lower	Upper
106	100		
91	214.0	107.5	322.6

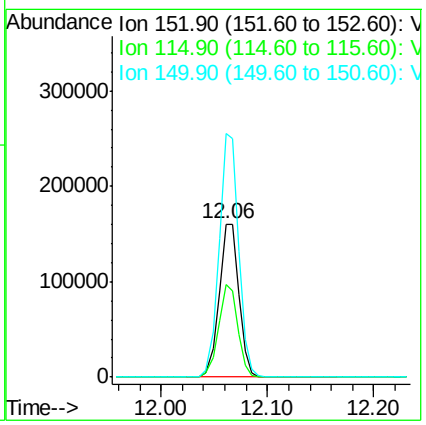


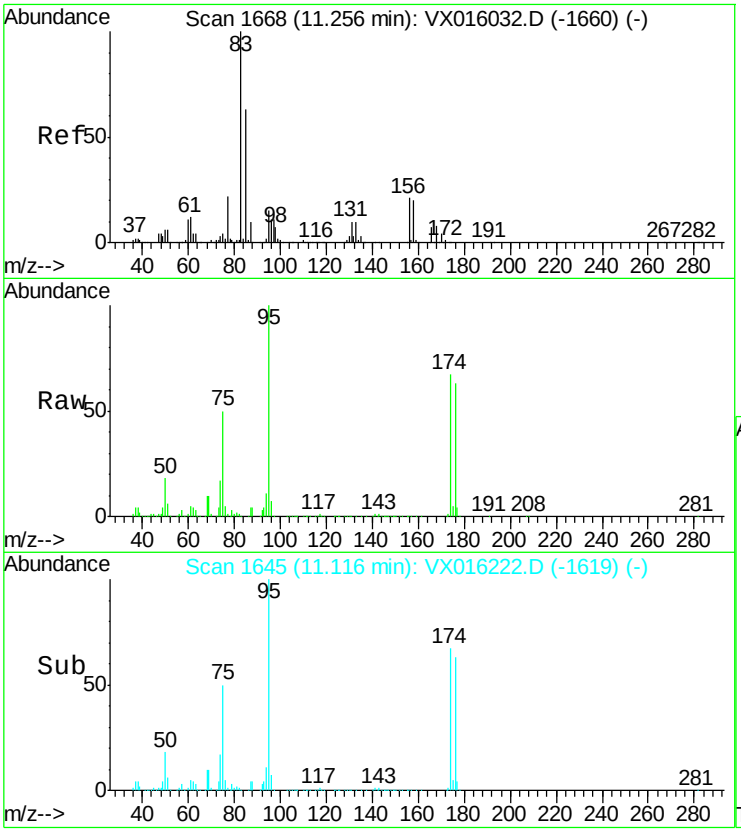


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:152 Resp: 206951

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	157.1	0.0	352.2



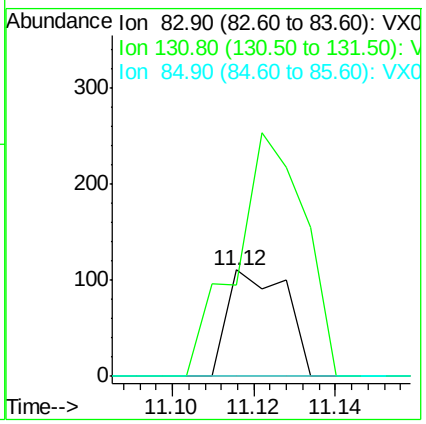


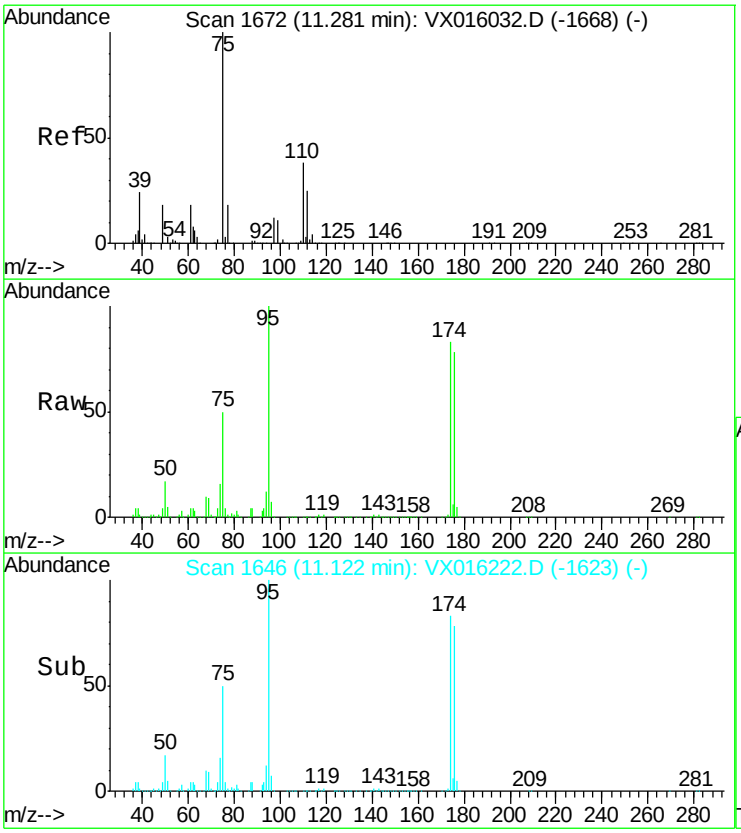
#75
1,1,2,2-Tetrachloroethane
Concen: 2.09 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.14 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion: 83 Resp: 110

Ion	Ratio	Lower	Upper
83	100		
131	270.9	5.1	15.4#
85	0.0	32.0	96.0#

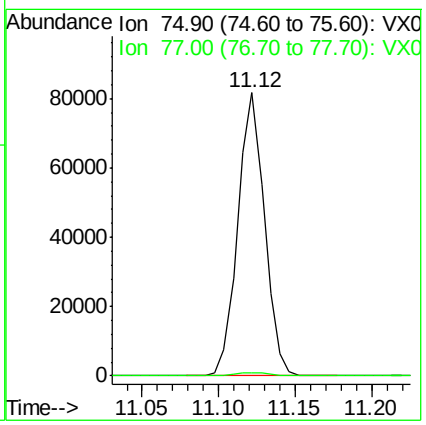


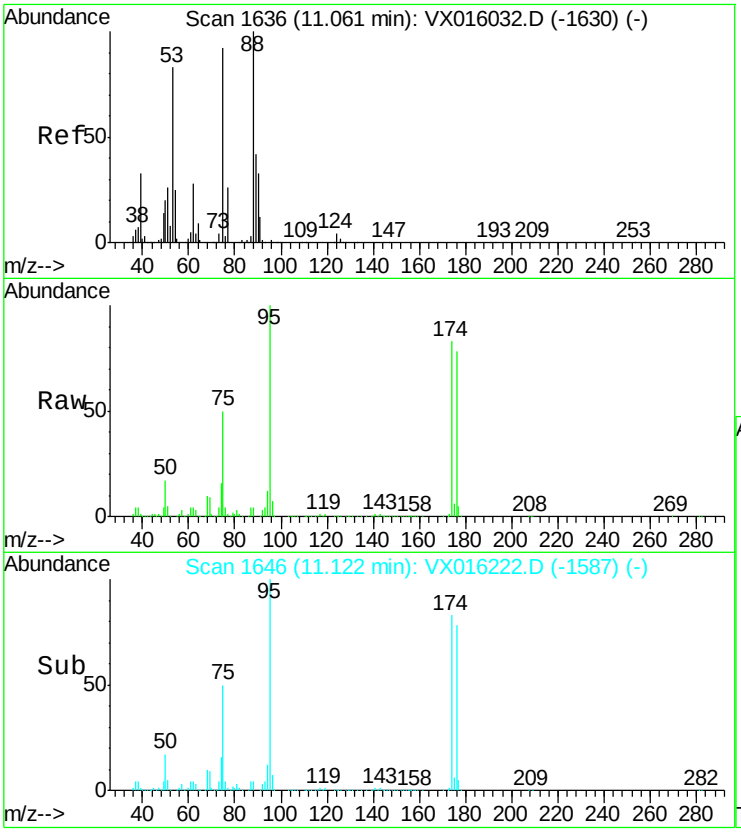


#76
1,2,3-Trichloropropane
Concen: 21.05 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 75 Resp: 98878

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#



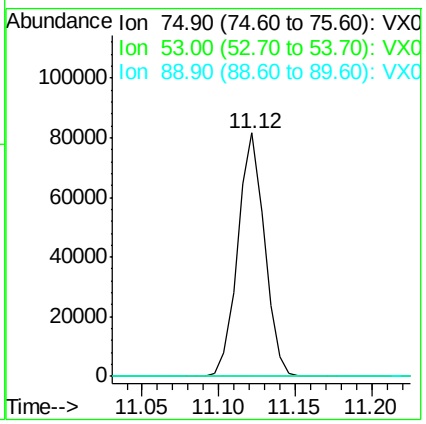


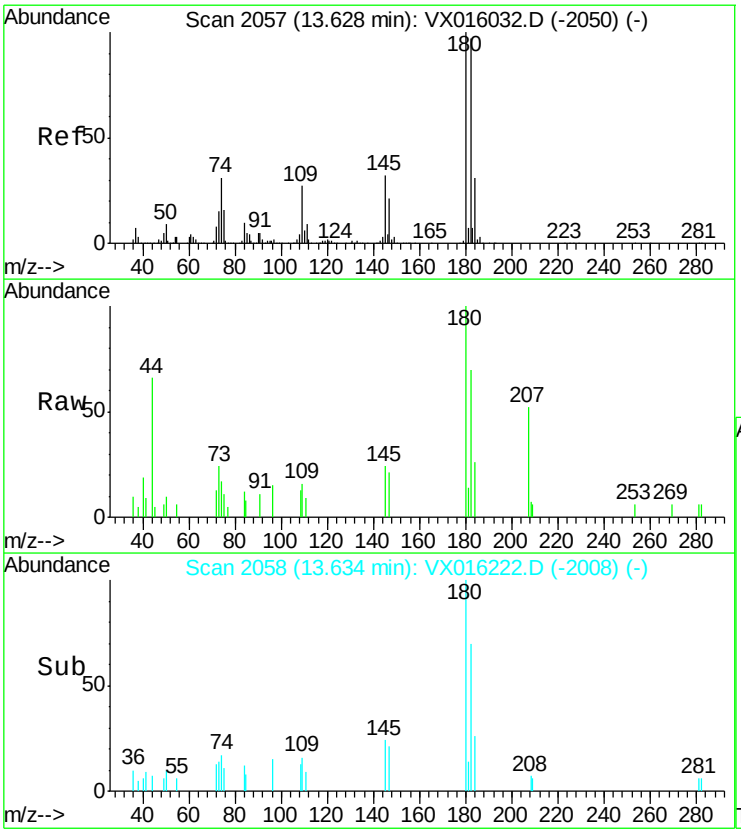
#81
trans-1,4-Dichloro-2-butene
Concen: 50.18 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 75 Resp: 98878

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

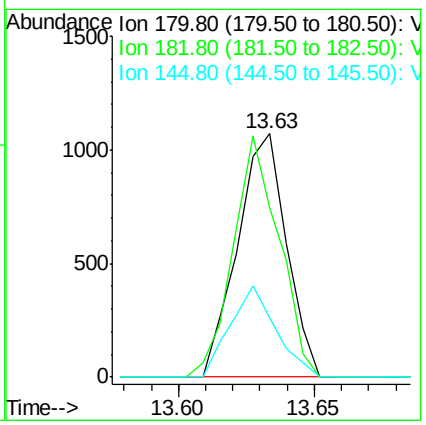


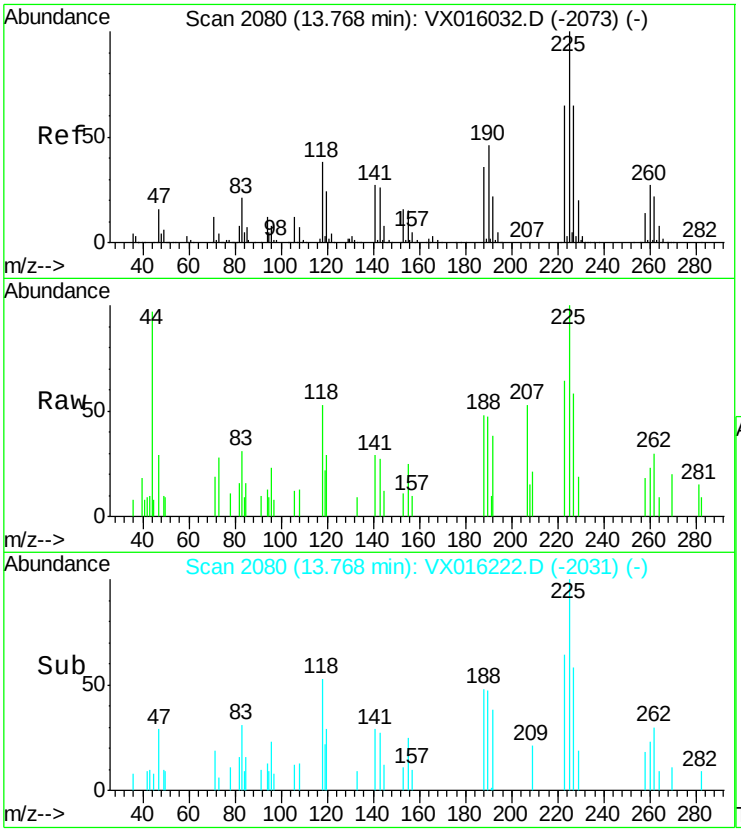


#93
1,2,4-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:180 Resp: 1335

Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.7	146.1
145	35.1	15.7	47.1



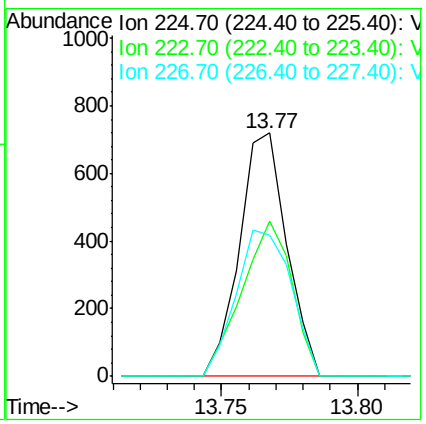


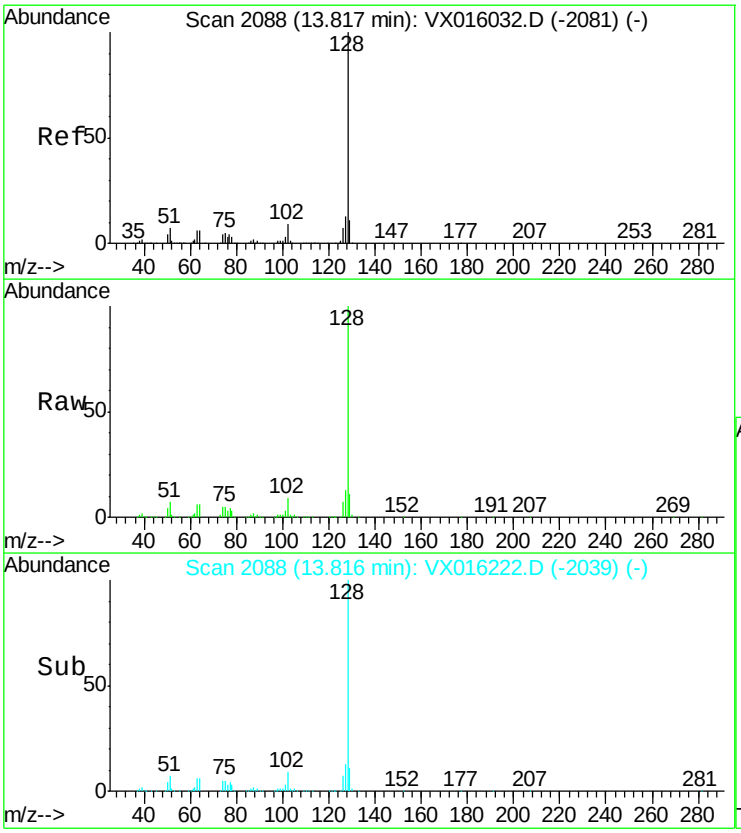
#94
Hexachlorobutadiene
Concen: 0.92 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion:225 Resp: 867

Ion	Ratio	Lower	Upper
225	100		
223	67.2	32.3	96.9
227	69.8	31.8	95.4

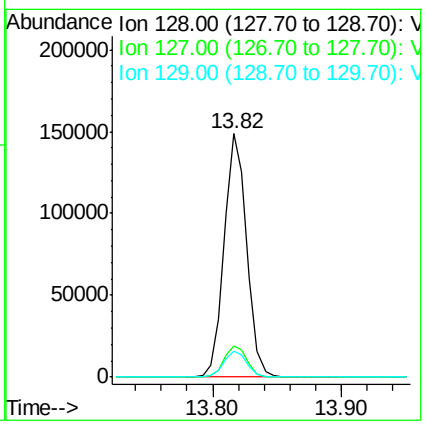


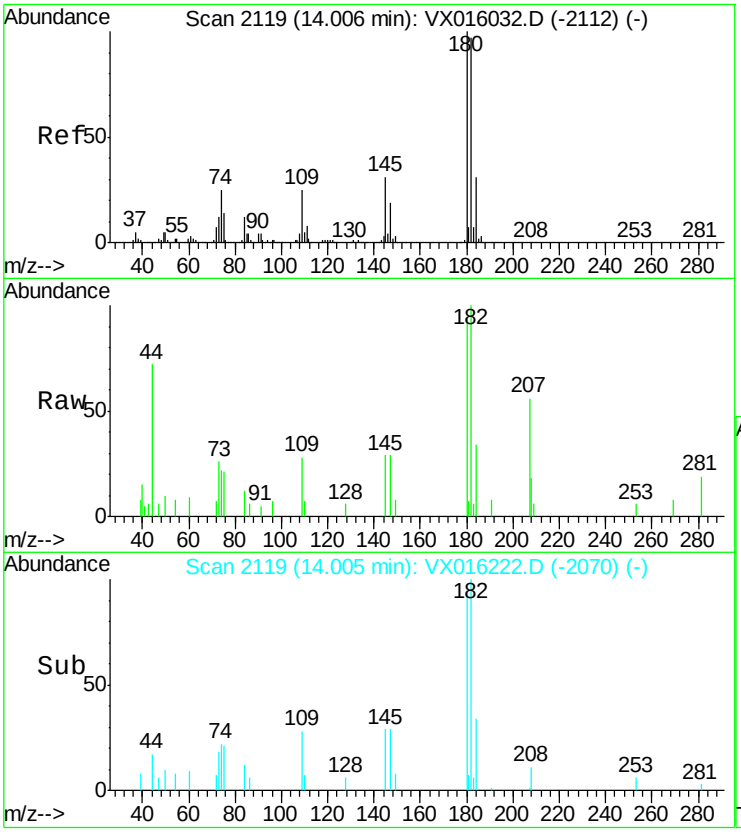


#95
Naphthalene
Concen: 11.38 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:128 Resp: 183232

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.27 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:180 Resp: 1303

Ion	Ratio	Lower	Upper
180	100		
182	87.6	48.4	145.0
145	29.3	16.4	49.1