Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017783.D
Acq On : 04 Aug 2020 20:23
Operator : JC/SP
Sample : L3548-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CRT-004

Quant Time: Aug 05 01:53:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	558858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	847807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	889119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	369422	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.92%			
35) Dibromofluoromethane	5.47	113	305205	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.66%			
50) Toluene-d8	8.70	98	1143163	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.78%			
62) 4-Bromofluorobenzene	11.12	95	377902	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	422	Below Cal	#	44
3) Chloromethane	1.31	50	360	0.419 ug/l	#	1
5) Bromomethane	1.61	94	131	Below Cal	#	41
6) Chloroethane	1.69	64	181	Below Cal		92
8) Diethyl Ether	2.17	74	1630	Below Cal		96
11) Tert butyl alcohol	3.00	59	3040	2.009 ug/l	#	94
13) Acrolein	2.26	56	203	4.321 ug/l	#	1
16) Acetone	2.42	43	57710	18.265 ug/l		93
18) Methyl Acetate	2.75	43	9883	1.328 ug/l		98
20) Methylene Chloride	2.84	84	26828	3.309 ug/l		97
25) 2-Butanone	4.65	43	8567	1.909 ug/l		99
29) Tetrahydrofuran	5.10	42	951	0.342 ug/l	#	1
31) Cyclohexane	5.64	56	11955	1.350 ug/l	#	34
36) 1,1-Dichloropropene	5.64	75	41744	5.134 ug/l	#	51
38) Carbon Tetrachloride	5.63	117	58151	5.889 ug/l	#	18
43) Isopropyl Acetate	6.42	43	143083	9.747 ug/l		99
48) Methyl methacrylate	7.65	41	9544	1.312 ug/l	#	16
49) 1,4-Dioxane	7.70	88	268	1.921 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.60	43	145714	16.637 ug/l	#	54
54) cis-1,3-Dichloropropene	8.60	75	63572	6.059 ug/l	#	62
59) 2-Hexanone	9.52	43	154376	23.411 ug/l	#	52
76) 1,2,3-Trichloropropane	11.12	75	193190	24.257 ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.12	75	193190	61.123 ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	12.94	75	218	2.665 ug/l	#	1

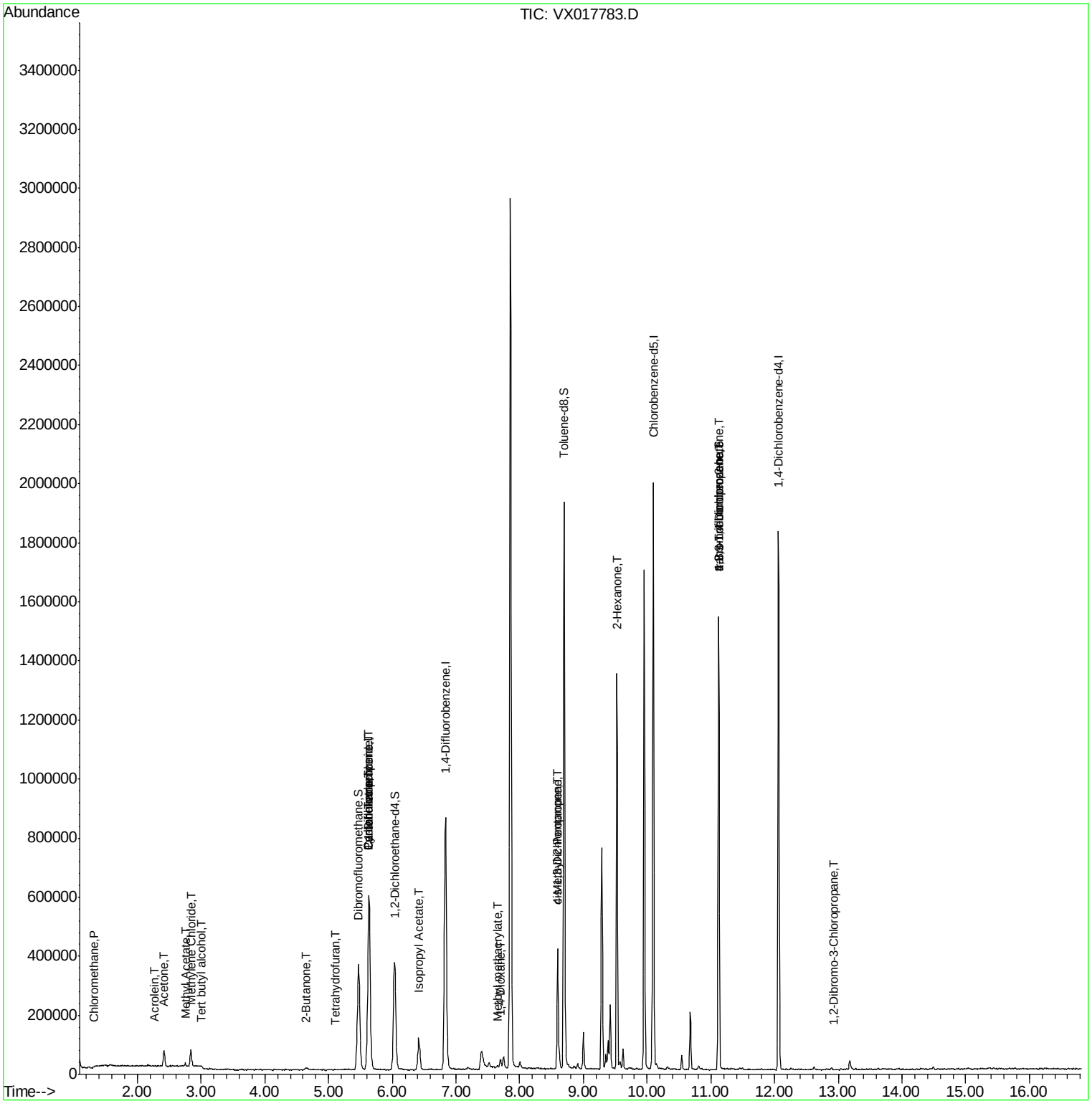
(#) = qualifier out of range (m) = manual integration (+) = signals summed

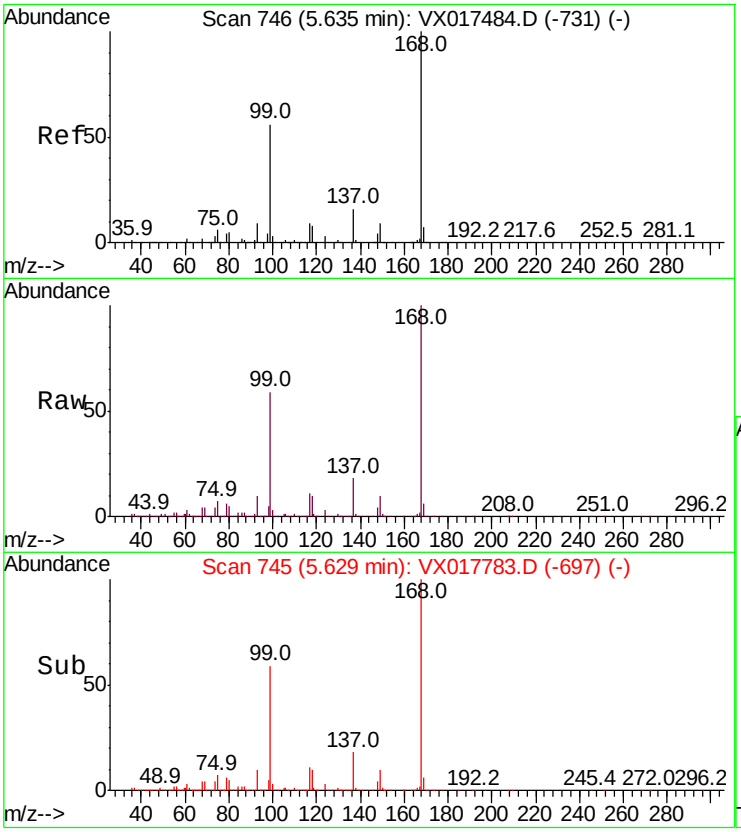
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
Data File : VX017783.D
Acq On : 04 Aug 2020 20:23
Operator : JC/SP
Sample : L3548-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CRT-004

Quant Time: Aug 05 01:53:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



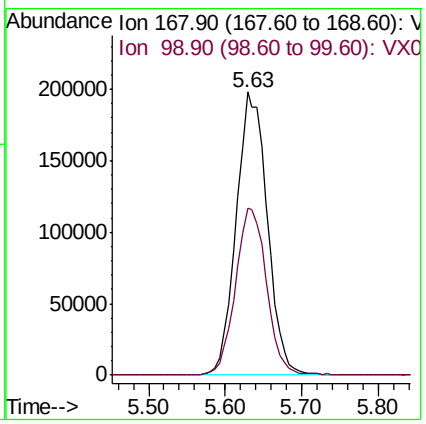


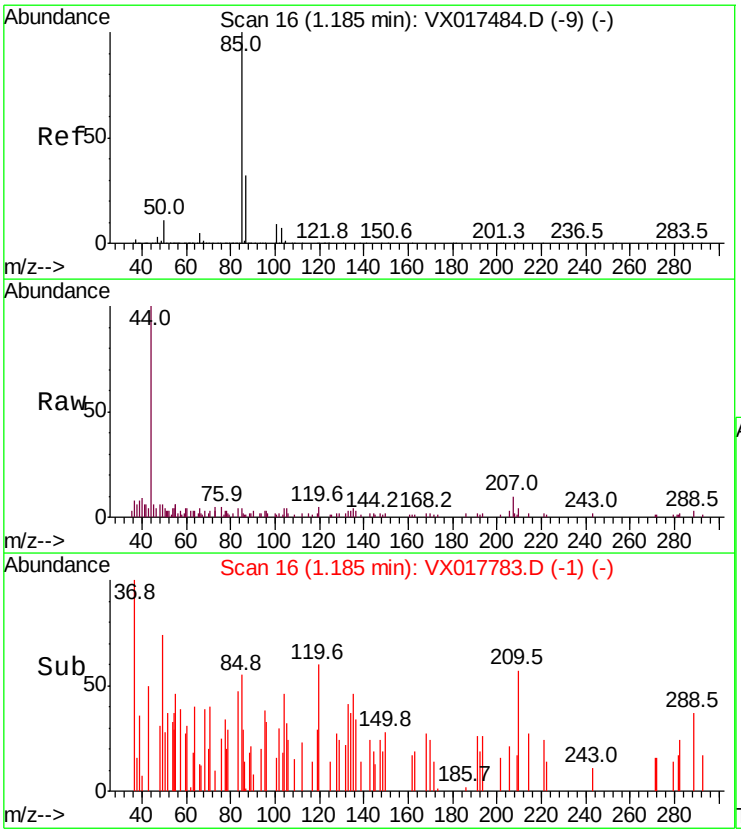
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion:168 Resp: 558858

Ion	Ratio	Lower	Upper
168	100		
99	59.0	43.4	65.2

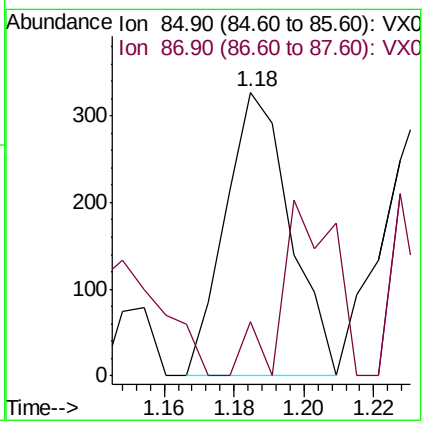


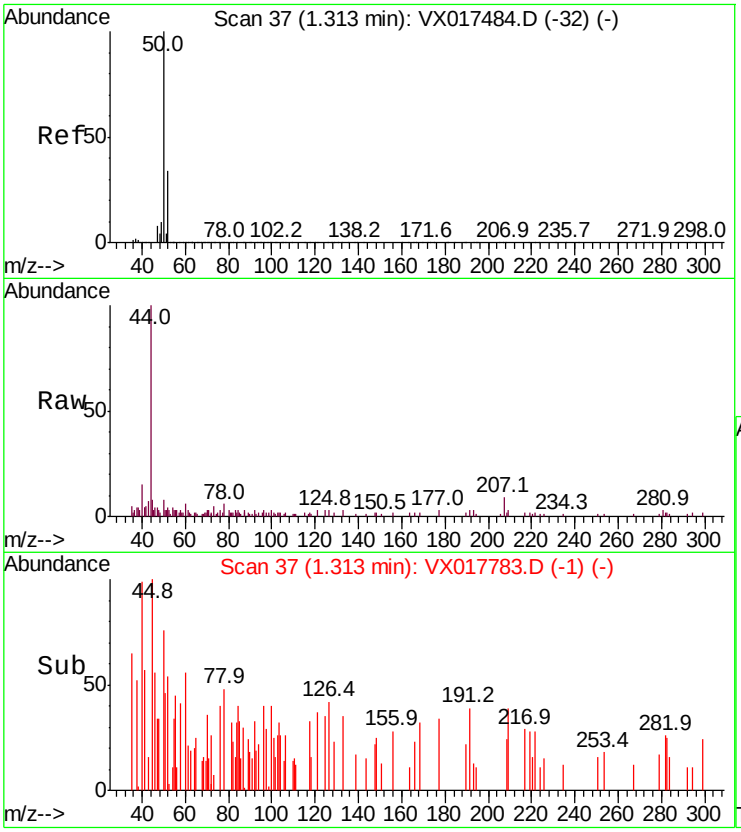


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 85 Resp: 422

Ion	Ratio	Lower	Upper
85	100		
87	0.9	16.1	48.3#



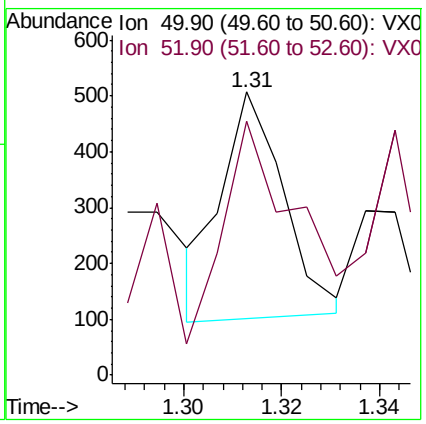


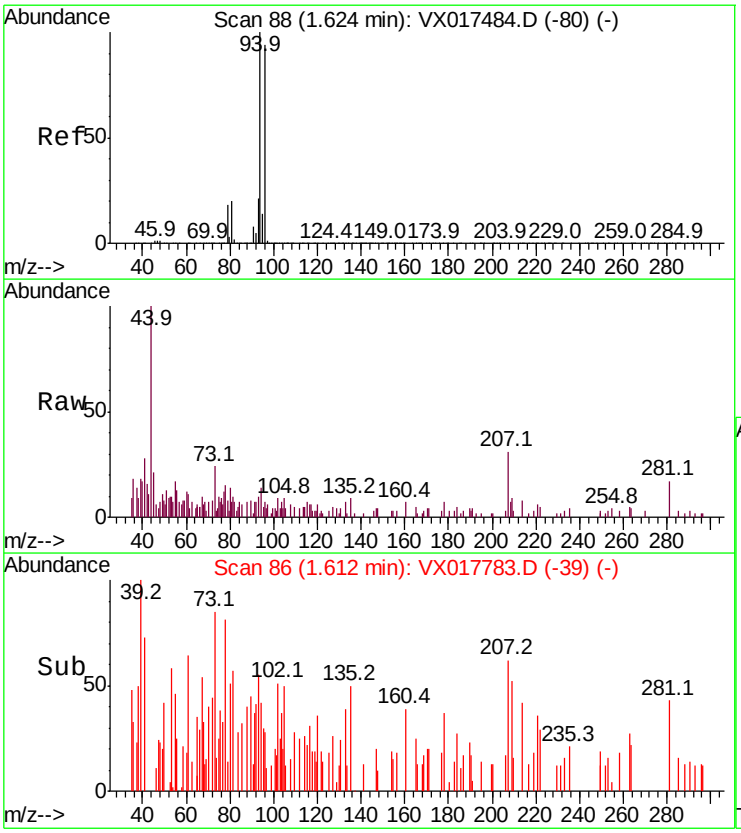
#3
Chloromethane
Concen: 0.419 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 50 Resp: 360

Ion	Ratio	Lower	Upper
50	100		
52	108.4	25.9	38.9#

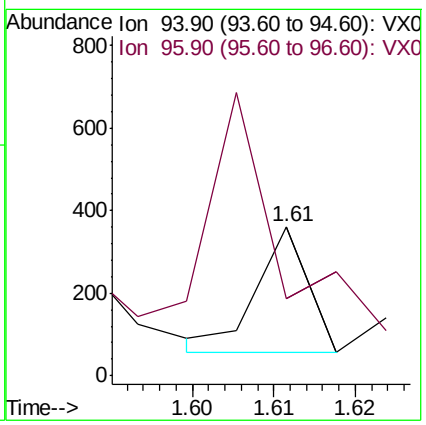


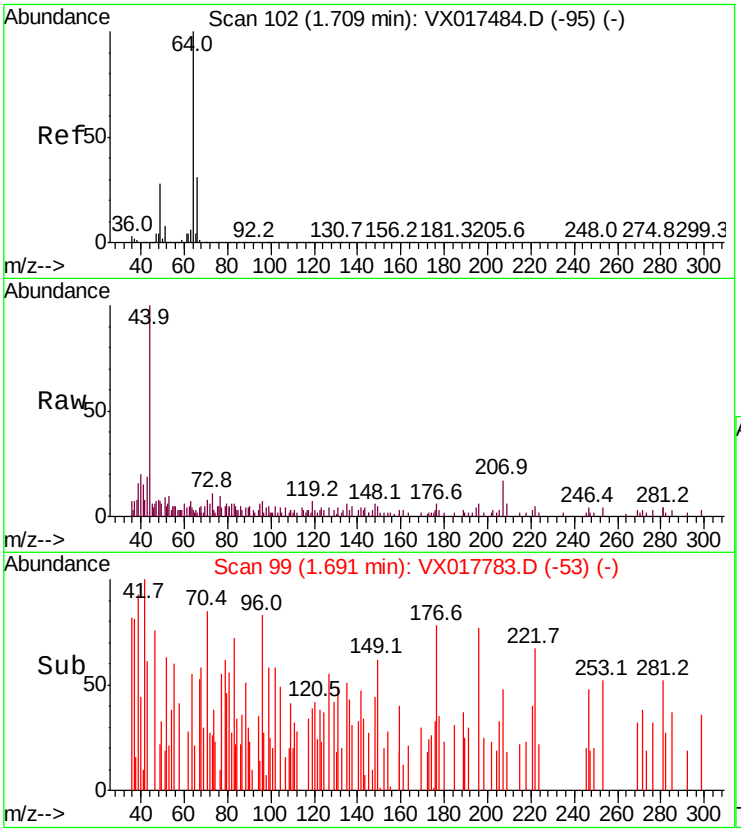


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 86
Delta R.T. -0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 94 Resp: 131

Ion	Ratio	Lower	Upper
94	100		
96	35.7	74.1	111.1#



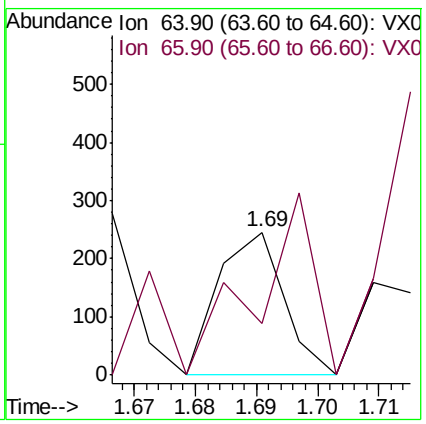


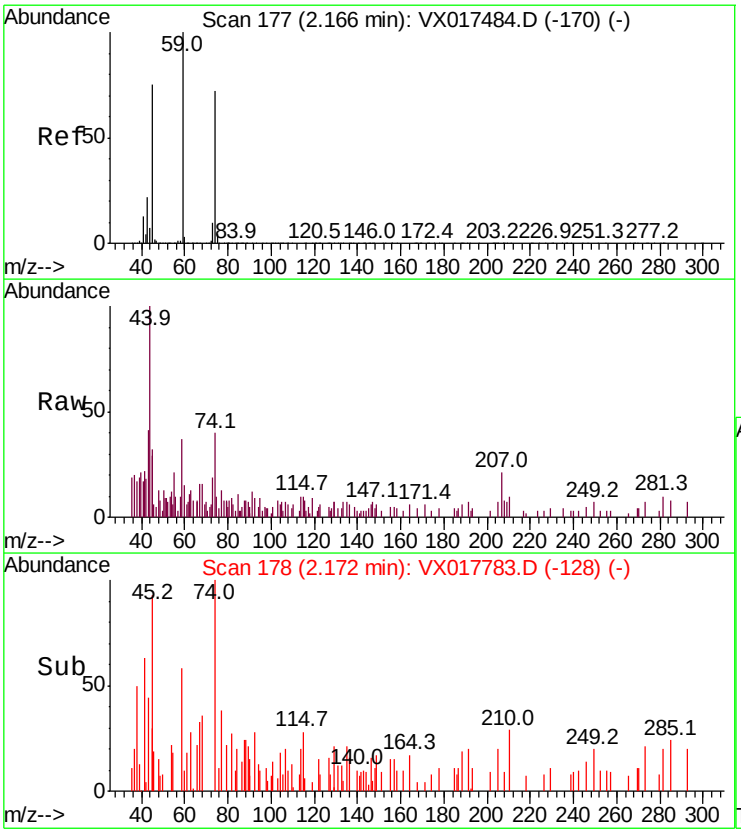
#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 99
Delta R.T. -0.02 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 64 Resp: 181

Ion	Ratio	Lower	Upper
64	100		
66	35.8	24.9	37.3

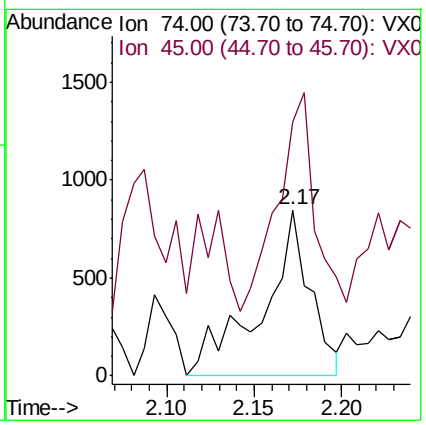


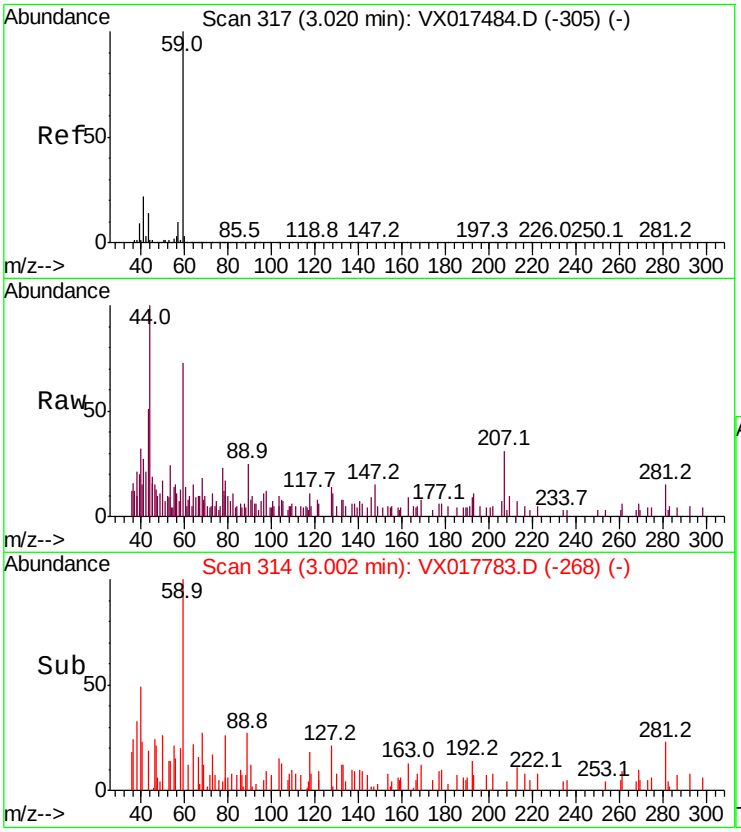


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 74 Resp: 1630

Ion	Ratio	Lower	Upper
74	100		
45	106.1	50.8	152.5



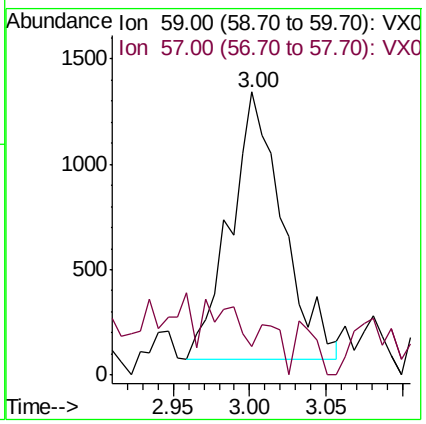


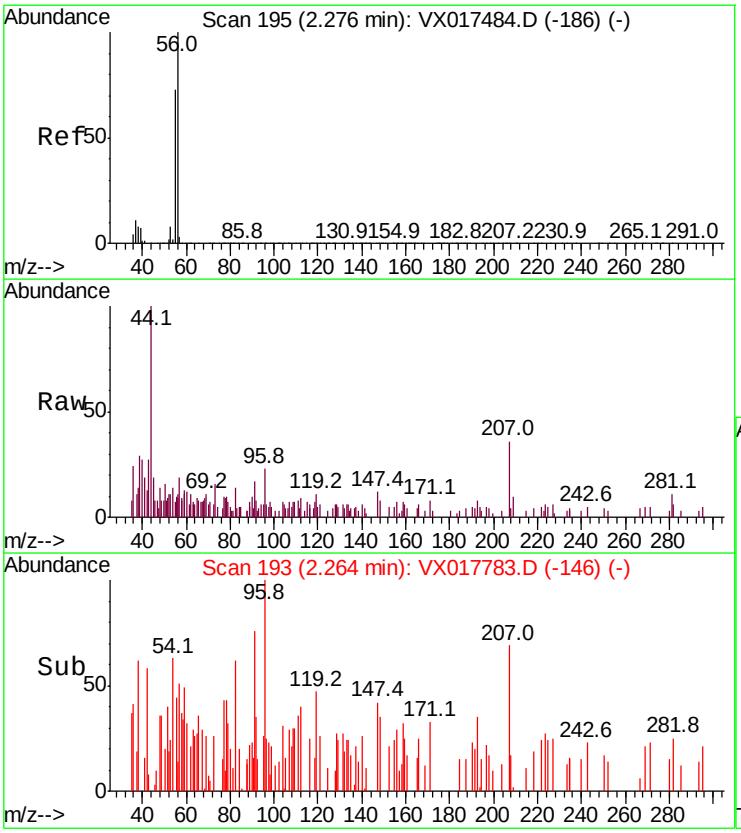
#11
Tert butyl alcohol
Concen: 2.009 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument : MSVOA_X
ClientSampleId : CRT-004

Tgt Ion: 59 Resp: 3040

Ion	Ratio	Lower	Upper
59	100		
57	8.4	8.6	12.8#

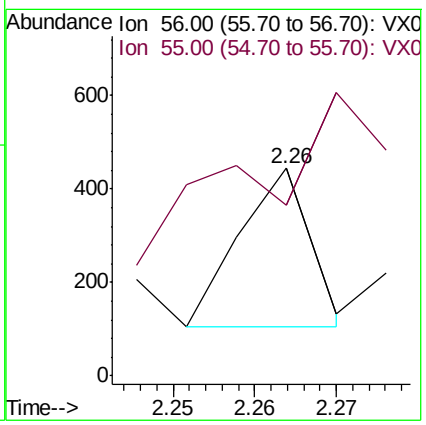


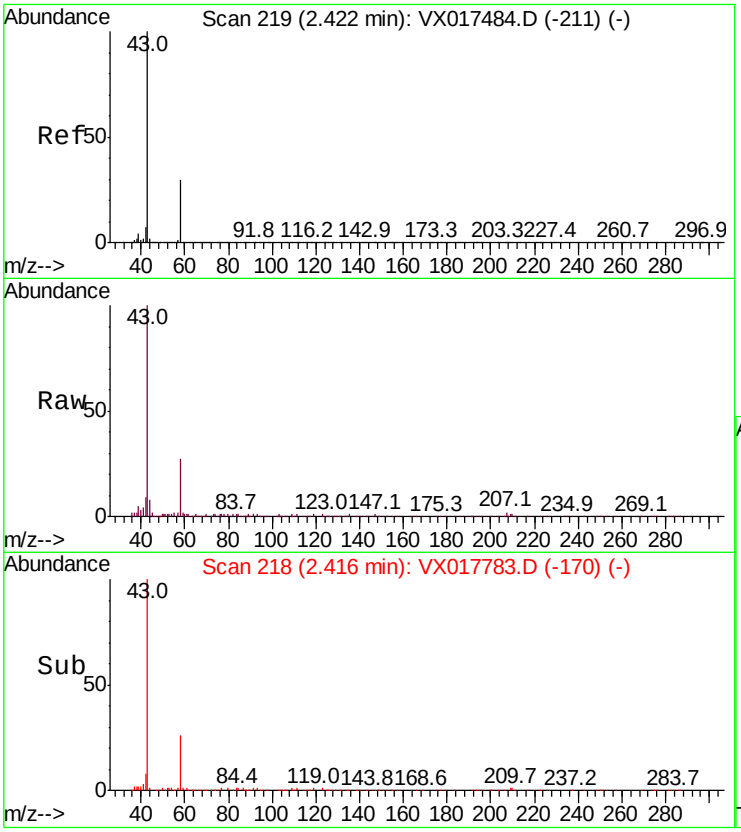


#13
Acrolein
Concen: 4.321 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 56 Resp: 203

Ion	Ratio	Lower	Upper
56	100		
55	292.1	57.4	86.2#



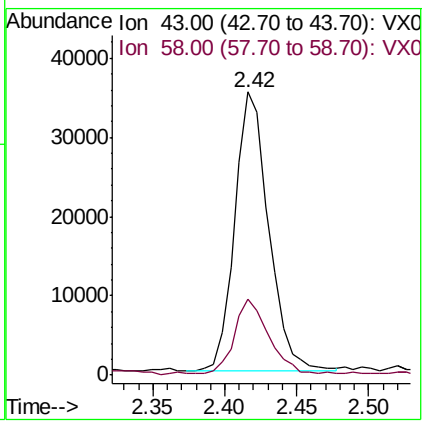


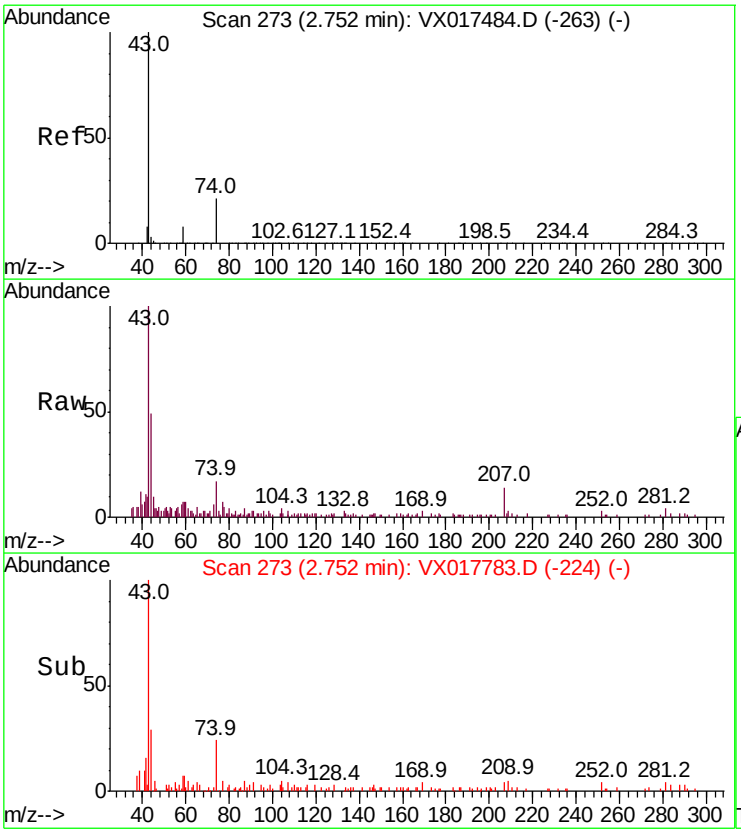
#16
Acetone
Concen: 18.265 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 43 Resp: 57710

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.2	36.4

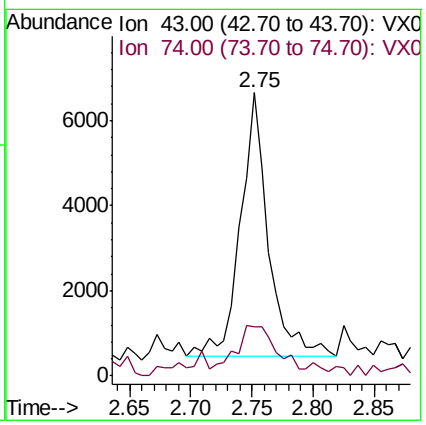


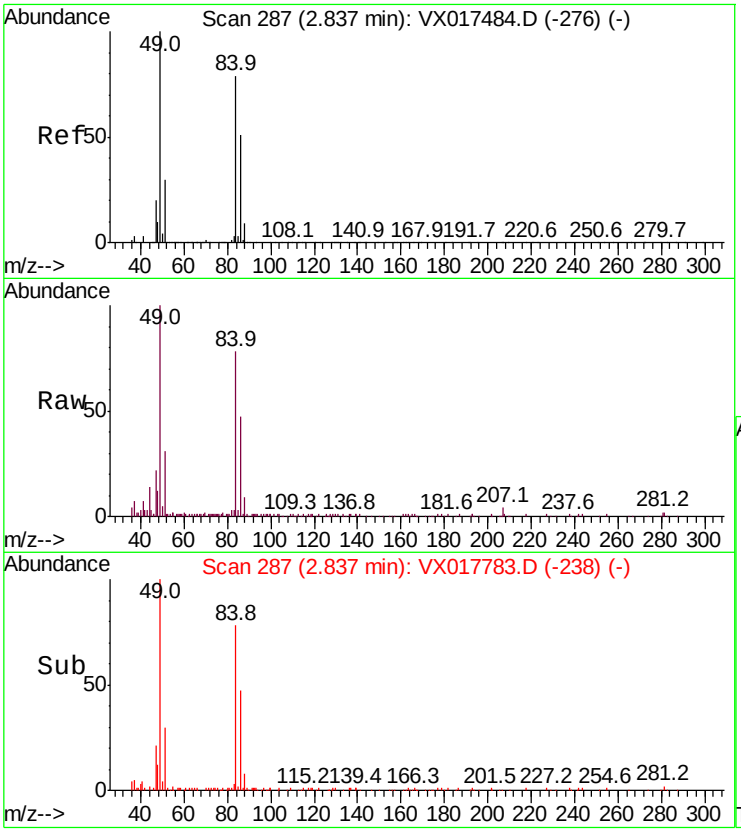


#18
Methyl Acetate
Concen: 1.328 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 43 Resp: 9883

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3



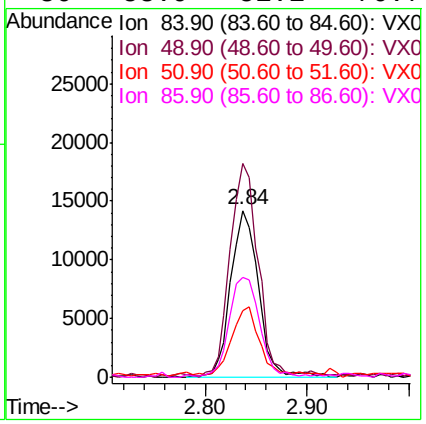


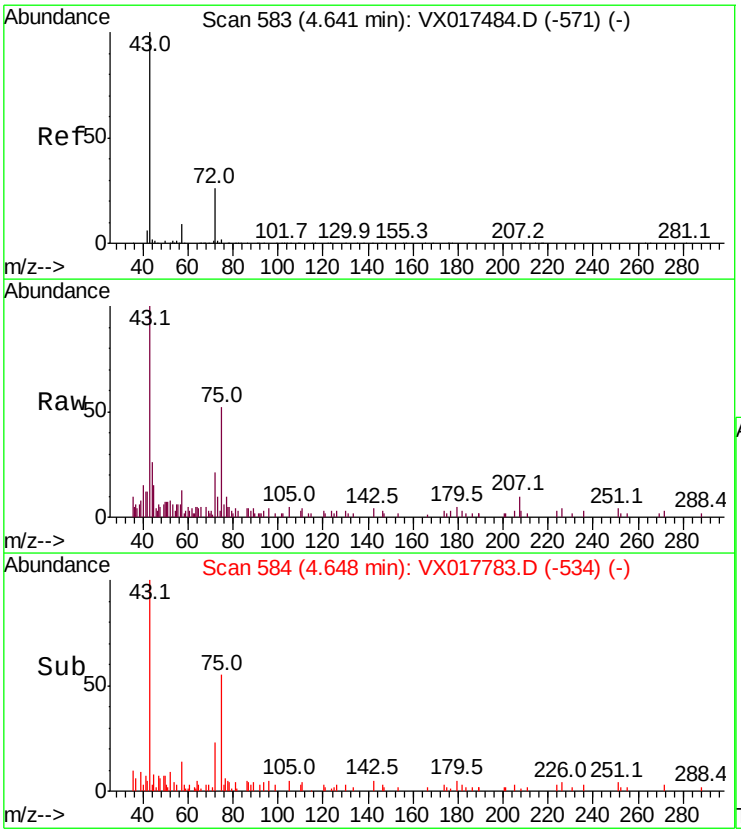
#20
Methylene Chloride
Concen: 3.309 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 84 Resp: 26828

Ion	Ratio	Lower	Upper
84	100		
49	126.5	100.3	150.5
51	37.3	30.5	45.7
86	58.9	51.1	76.7

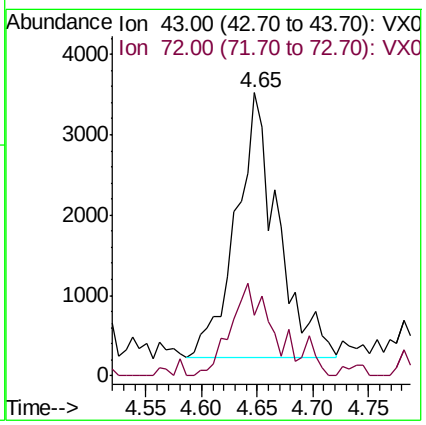


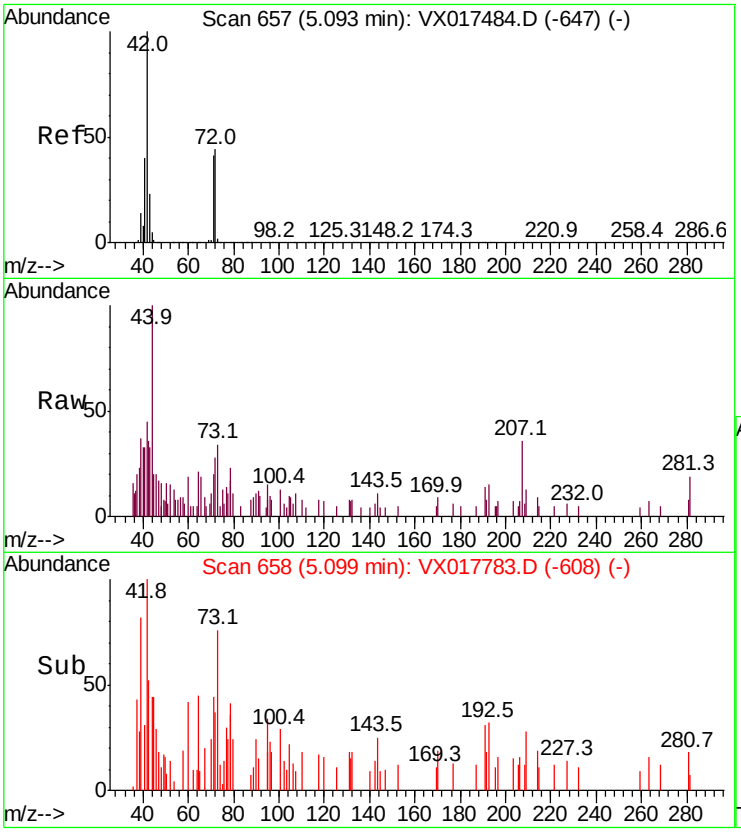


#25
2-Butanone
Concen: 1.909 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 43 Resp: 8567

Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.0	28.4



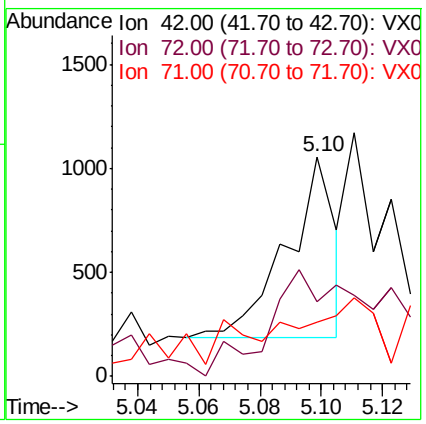


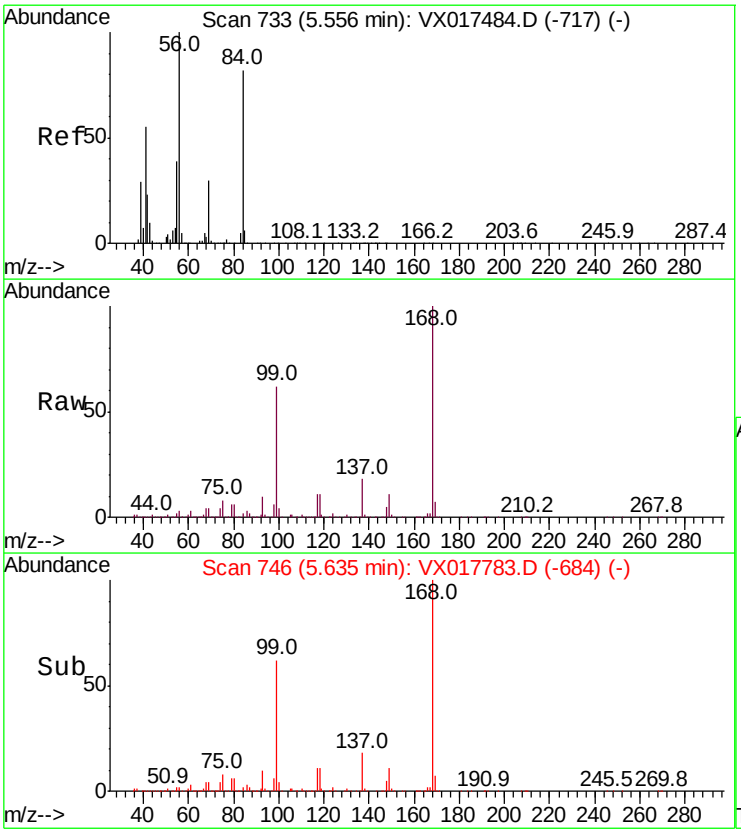
#29
Tetrahydrofuran
Concen: 0.342 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 42 Resp: 951

Ion	Ratio	Lower	Upper
42	100		
72	158.5	35.5	53.3#
71	68.6	33.0	49.4#

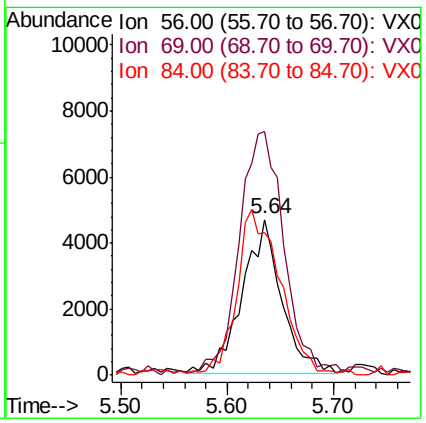


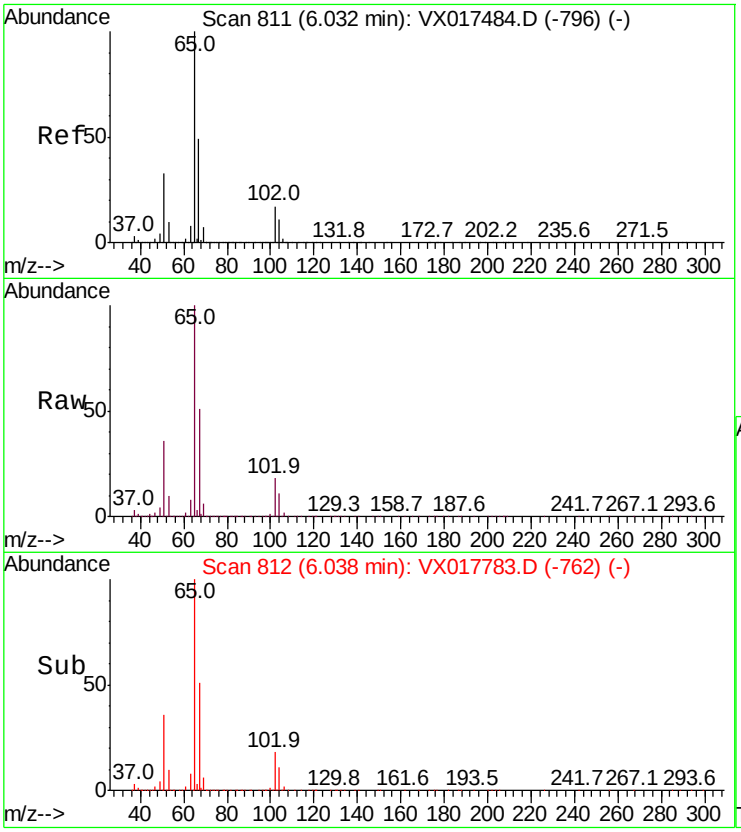


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 56 Resp: 11955

Ion	Ratio	Lower	Upper
56	100		
69	157.7	24.2	36.4#
84	92.4	69.0	103.6



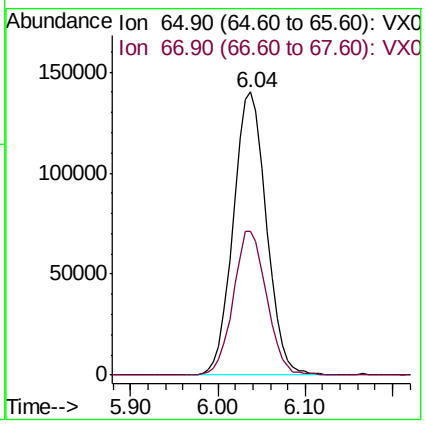


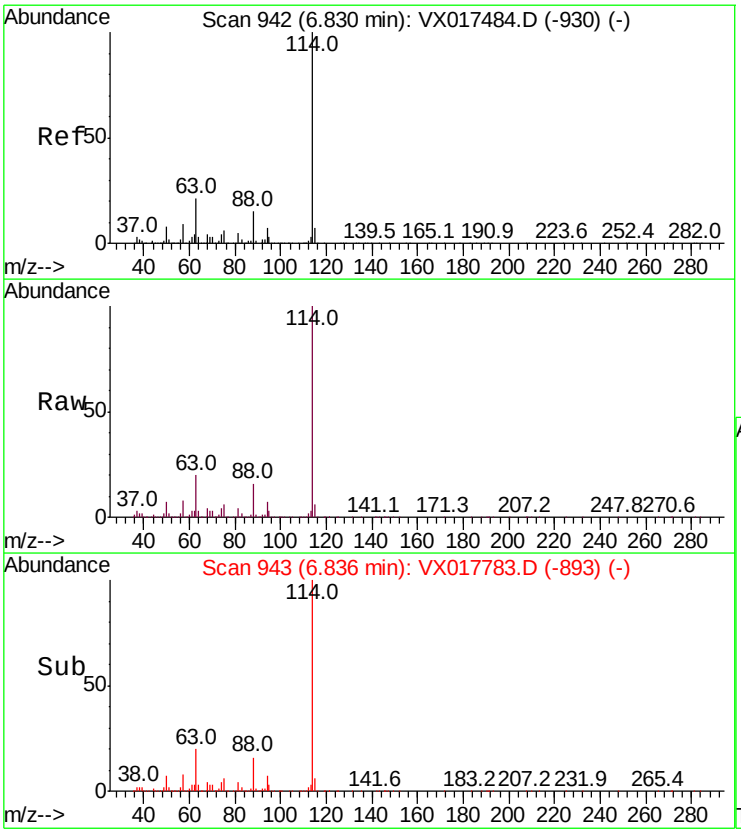
#33
1,2-Dichloroethane-d4
Concen: 51.460 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 65 Resp: 369422

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8

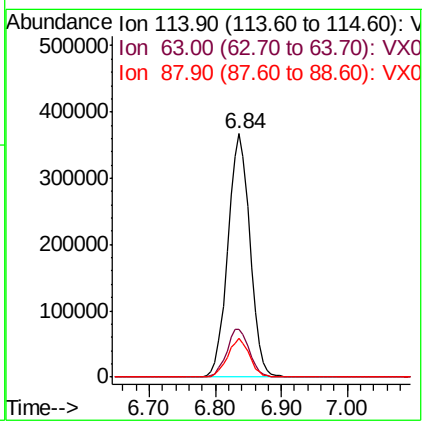


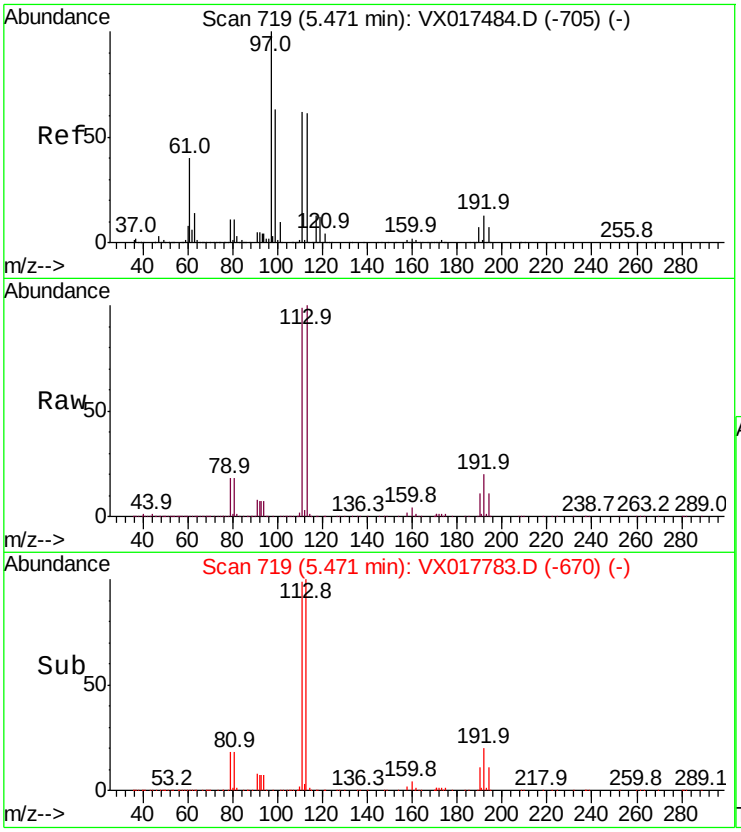


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion:114 Resp: 847807

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.9	0.0	33.4



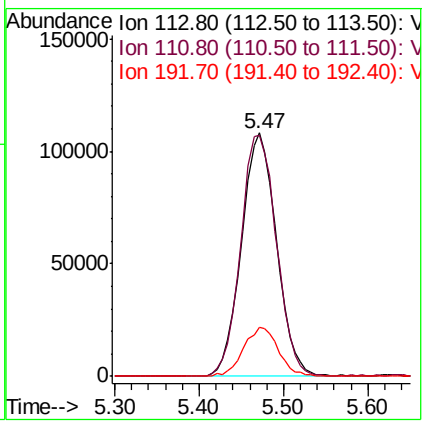


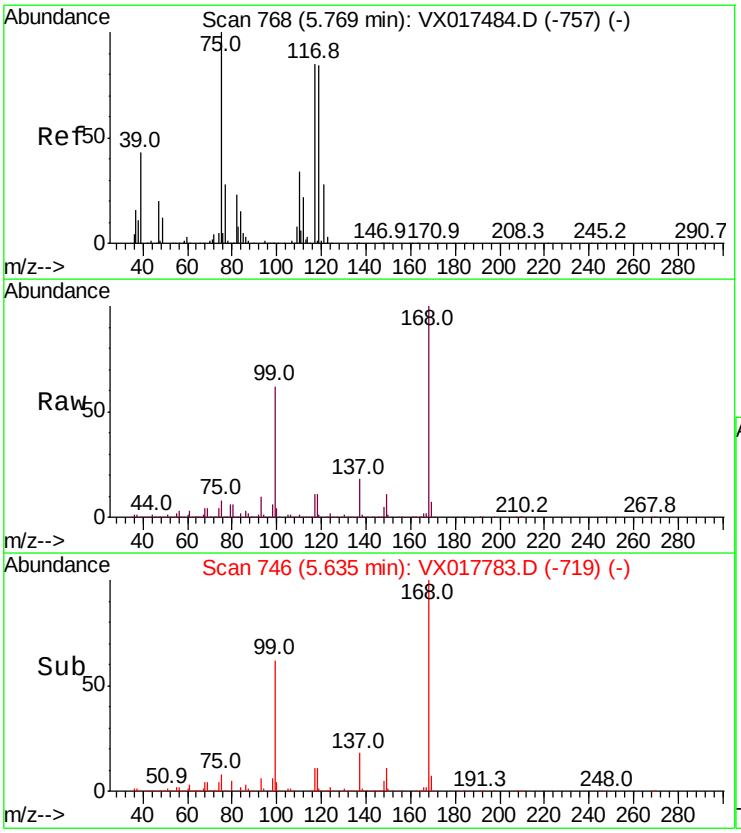
#35
Dibromofluoromethane
Concen: 53.826 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion:113 Resp: 305205

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	20.0	16.9	25.3

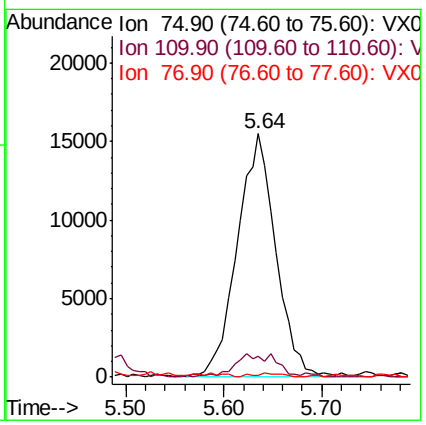


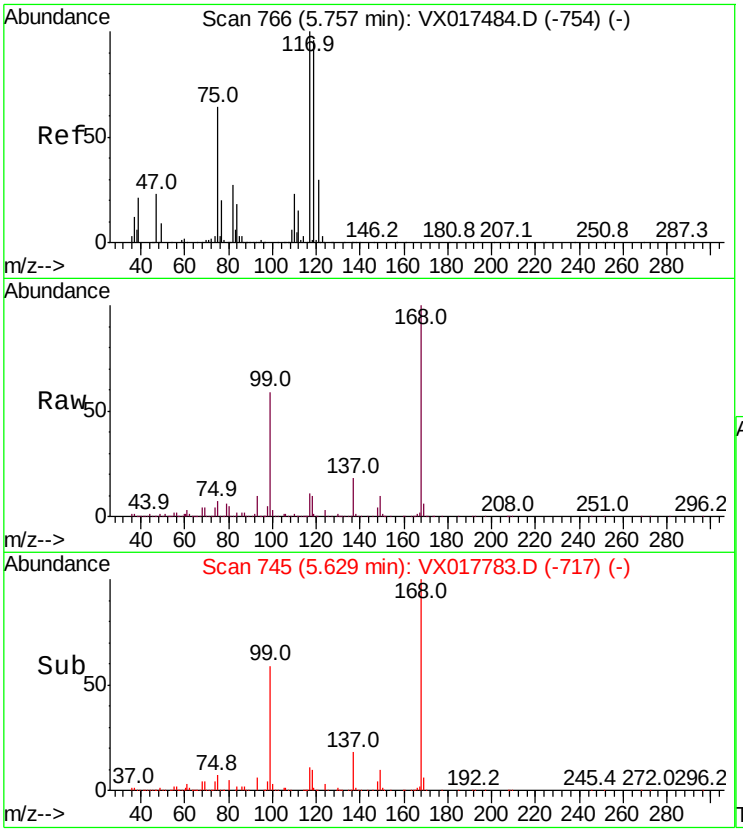


#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 75 Resp: 41744

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.3#
77	1.1	24.6	37.0#



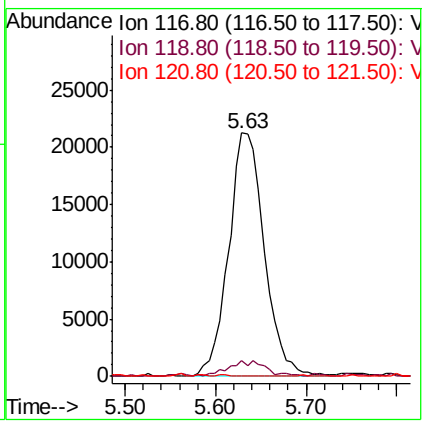


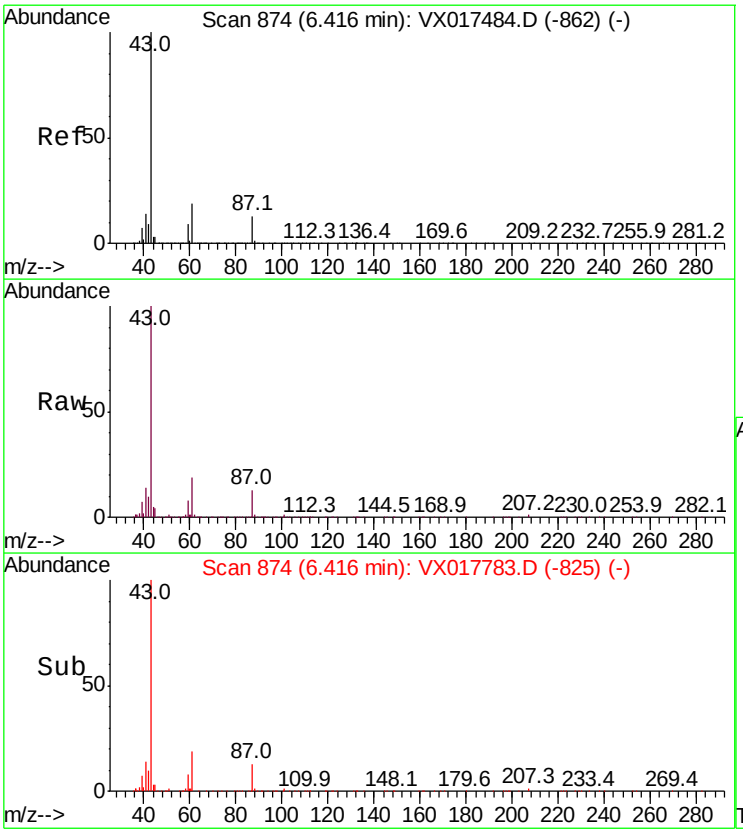
#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument : MSVOA_X
ClientSampleId : CRT-004

Tgt Ion:117 Resp: 58151

Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.4	113.0#
121	0.1	24.3	36.5#

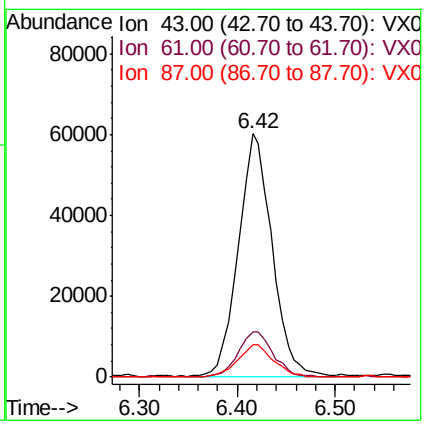


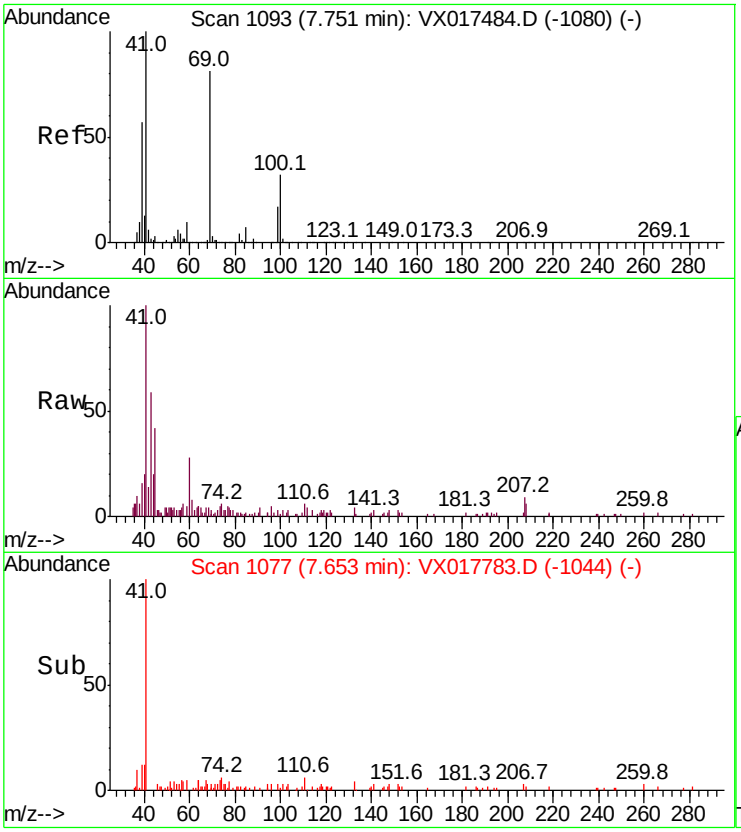


#43
Isopropyl Acetate
Concen: 9.747 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 43 Resp: 143083

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.5	23.3
87	14.1	10.5	15.7



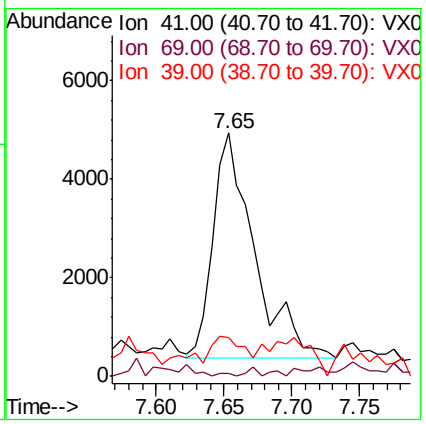


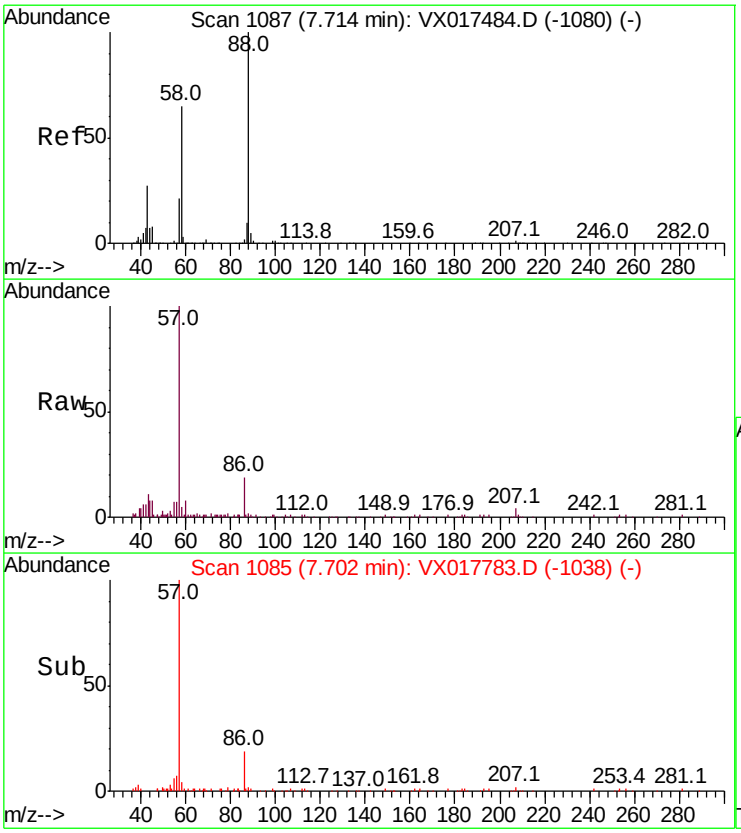
#48
Methyl methacrylate
Concen: 1.312 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.10 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument : MSVOA_X
ClientSampleId : CRT-004

Tgt Ion: 41 Resp: 9544

Ion	Ratio	Lower	Upper
41	100		
69	1.3	63.1	94.7#
39	0.0	45.1	67.7#

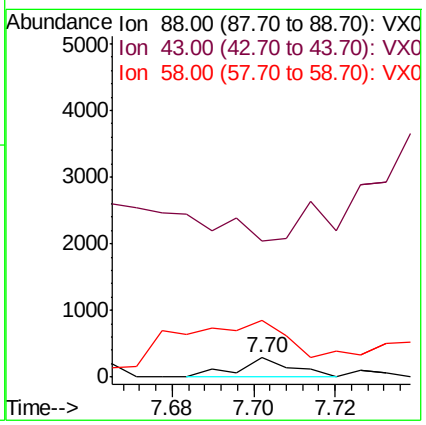


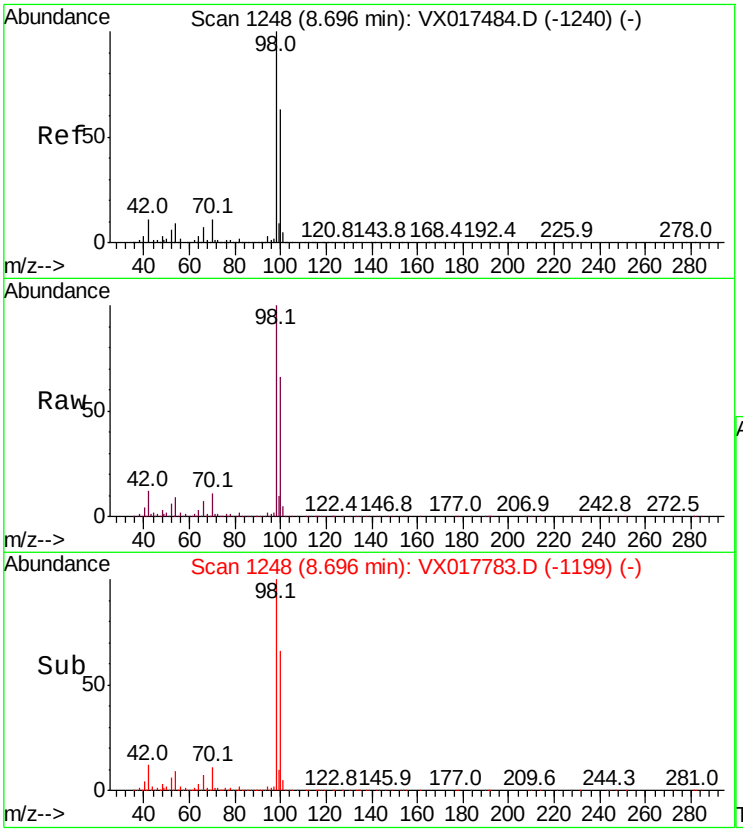


#49
1,4-Dioxane
Concen: 1.921 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 88 Resp: 268

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	660.1	58.3	87.5#



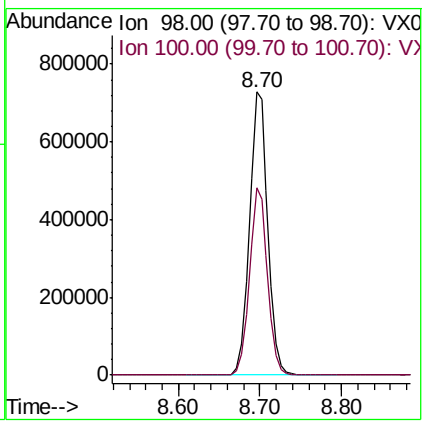


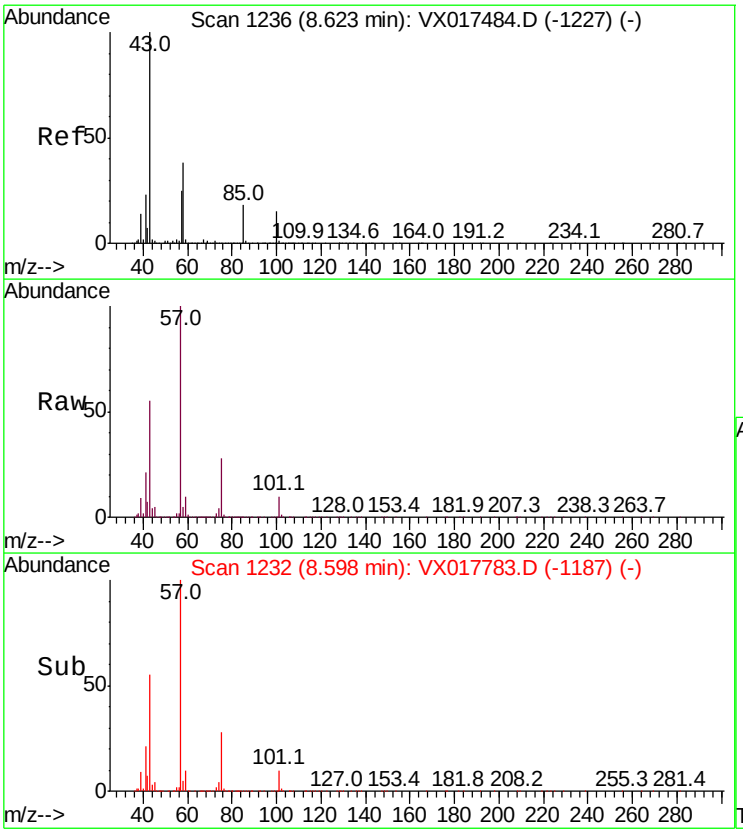
#50
Toluene-d8
Concen: 55.887 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 98 Resp: 1143163

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

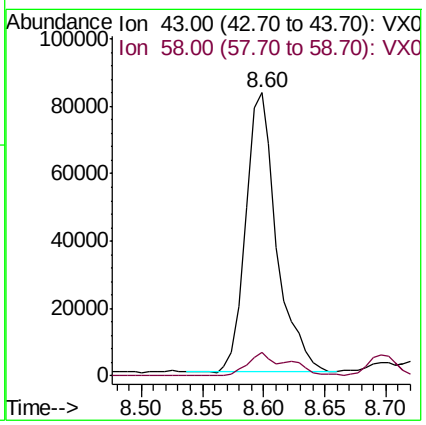


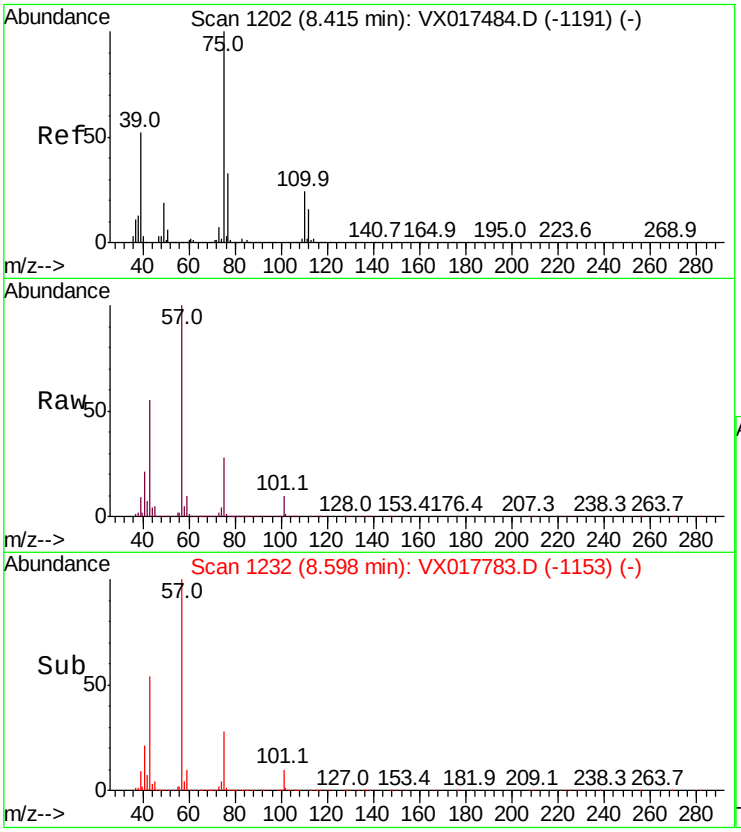


#51
4-Methyl-2-Pentanone
Concen: 16.637 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 43 Resp: 145714

Ion	Ratio	Lower	Upper
43	100		
58	10.9	31.0	46.4#



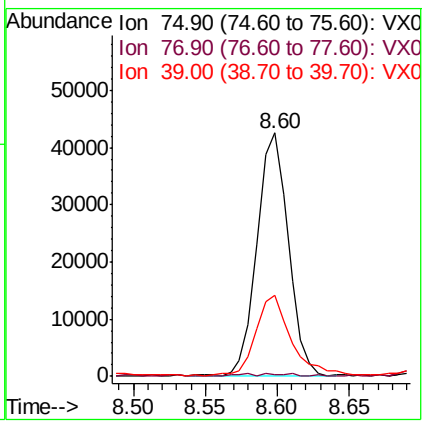


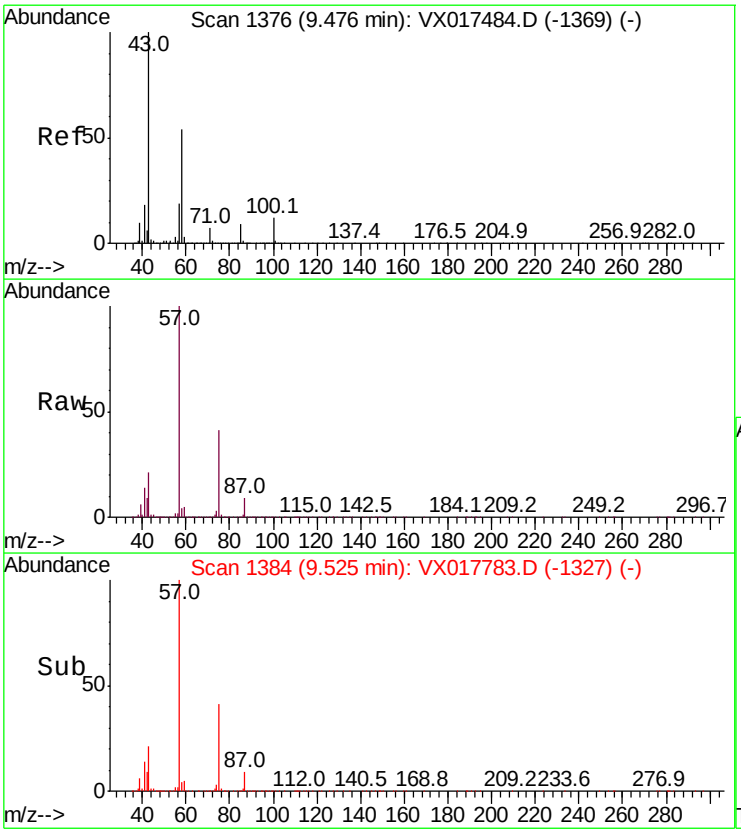
#54
cis-1,3-Dichloropropene
Concen: 6.059 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument : MSVOA_X
ClientSampleId : CRT-004

Tgt Ion: 75 Resp: 63572

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.5	38.3#
39	33.1	41.8	62.8#

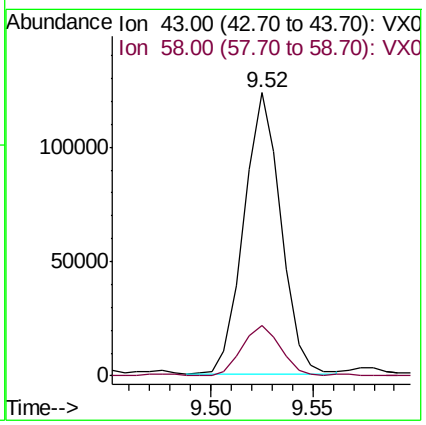


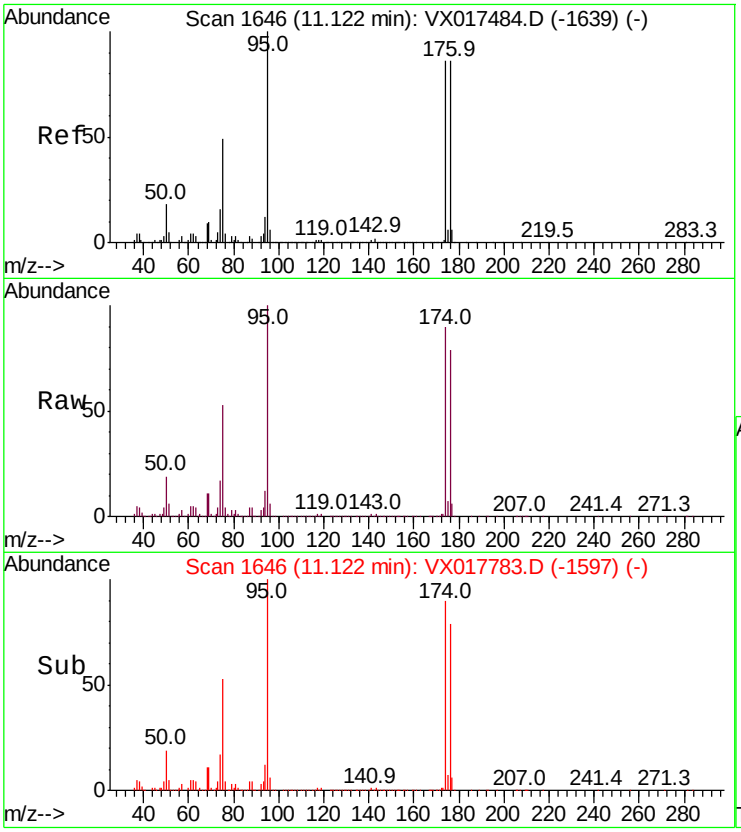


#59
2-Hexanone
Concen: 23.411 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 43 Resp: 154376

Ion	Ratio	Lower	Upper
43	100		
58	18.9	26.6	79.8#



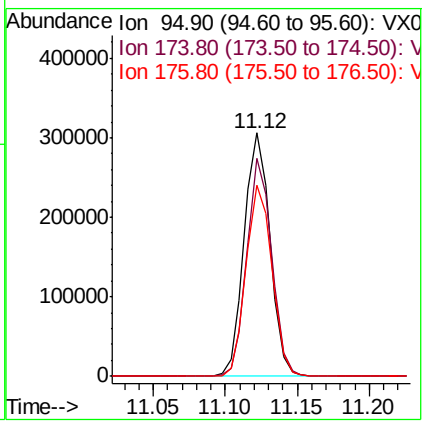


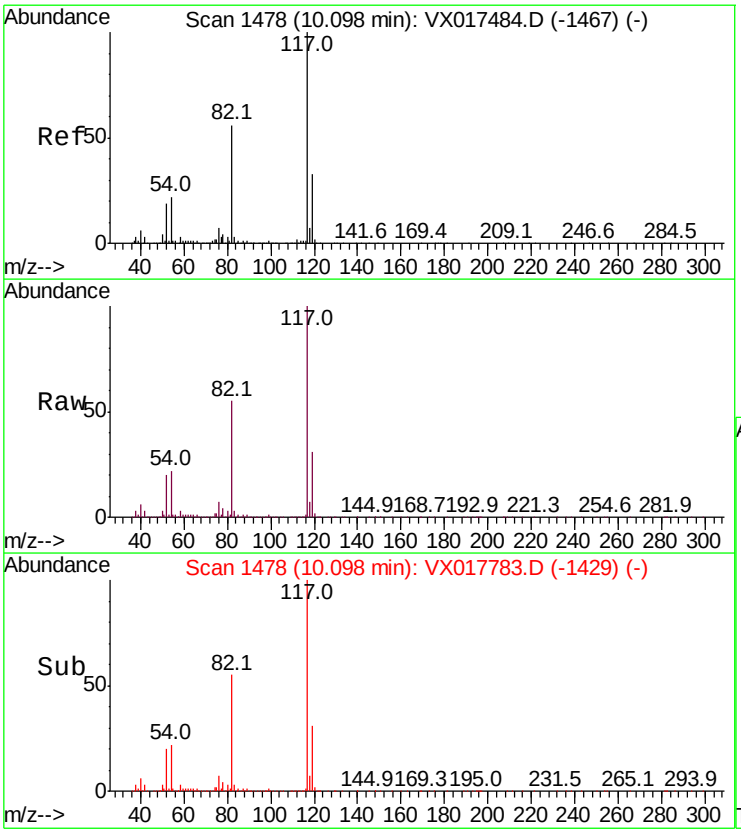
#62
4-Bromofluorobenzene
Concen: 46.164 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 95 Resp: 377902

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	169.0
176	79.0	0.0	161.0

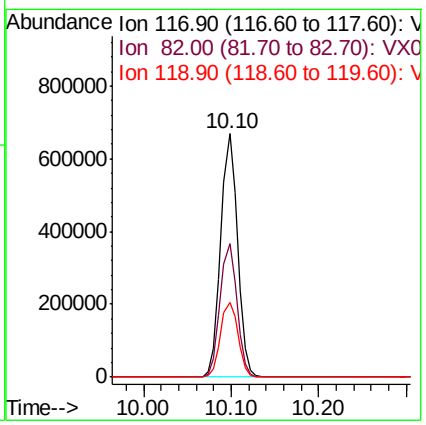


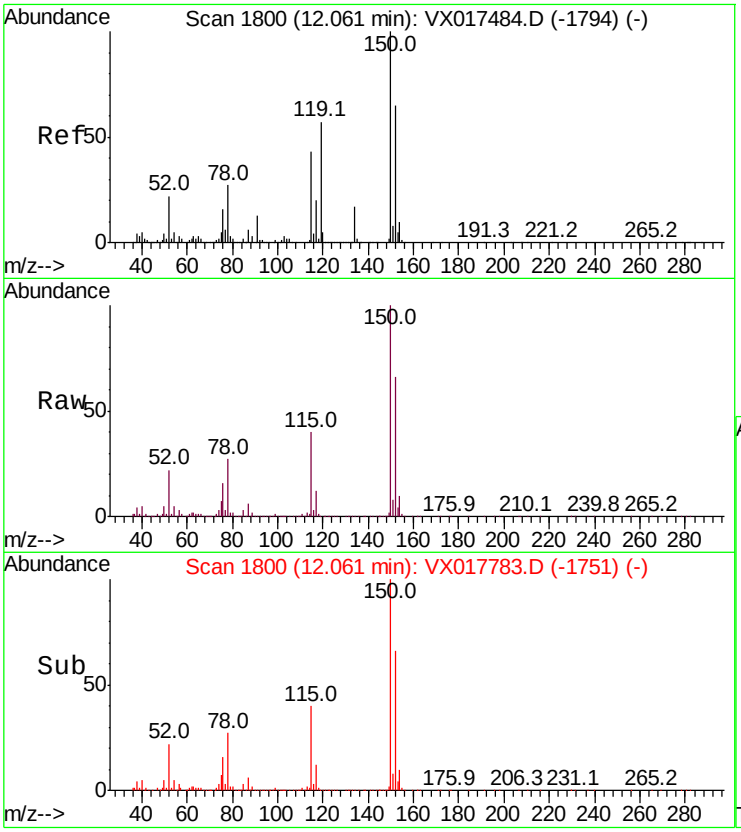


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion:117 Resp: 889119

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.0	66.0
119	30.5	25.4	38.0



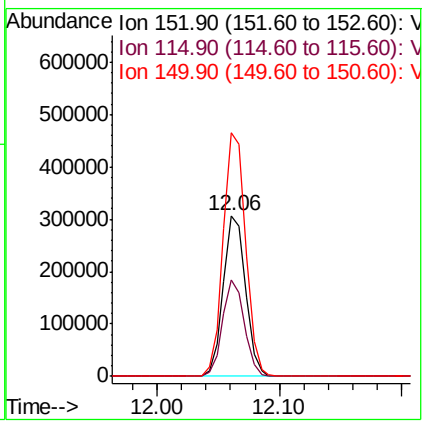


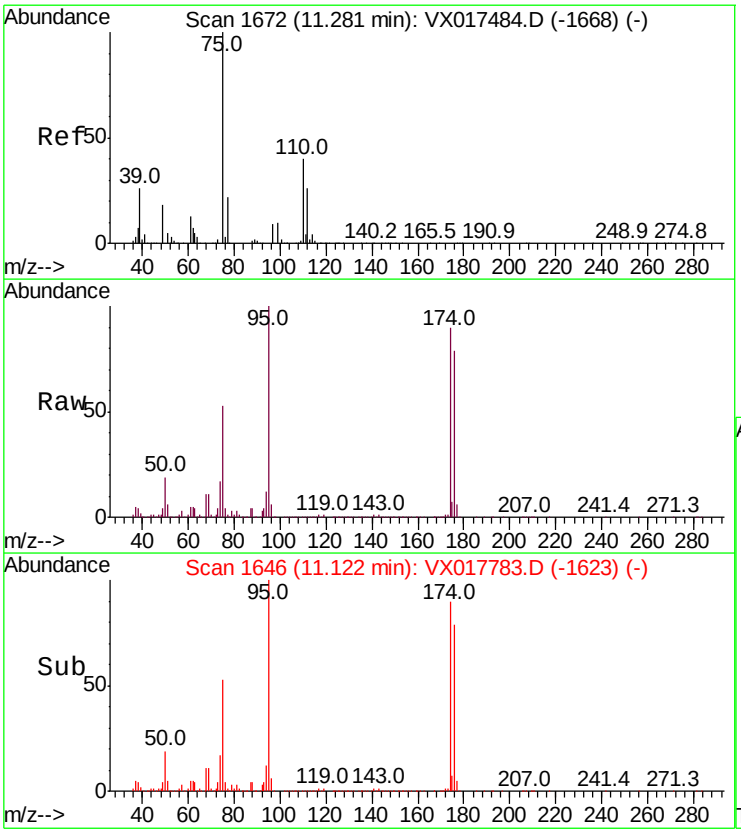
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion:152 Resp: 387164

Ion	Ratio	Lower	Upper
152	100		
115	58.4	65.5	196.6#
150	152.3	0.0	412.6

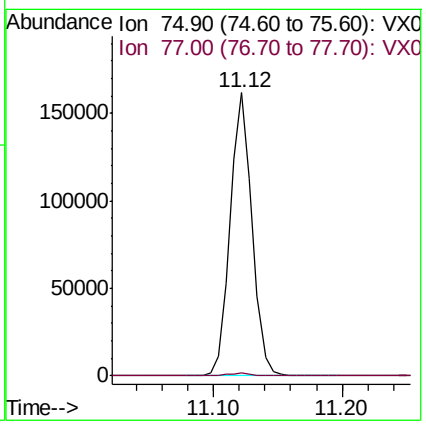


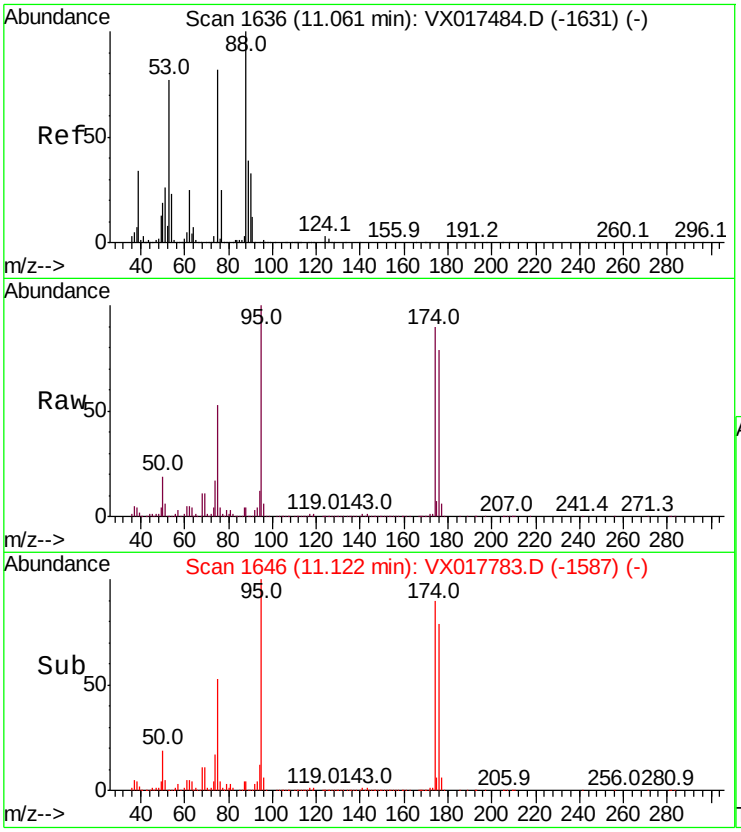


#76
1,2,3-Trichloropropane
Concen: 24.257 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 75 Resp: 193190

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.8	65.3#



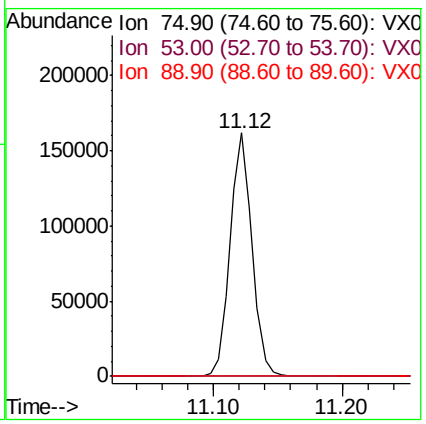


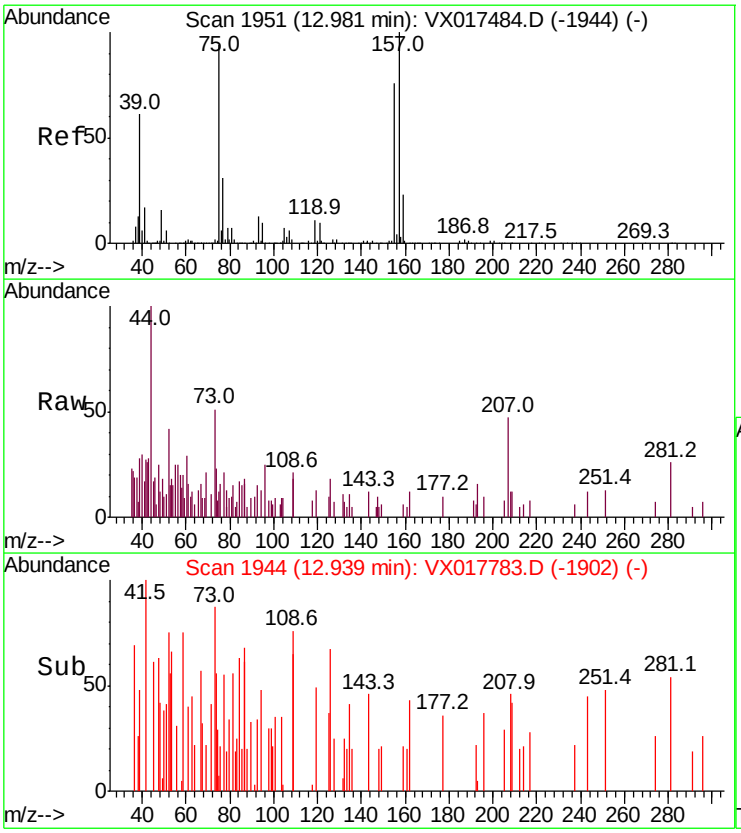
#81
trans-1,4-Dichloro-2-butene
Concen: 61.123 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
CRT-004

Tgt Ion: 75 Resp: 193190

Ion	Ratio	Lower	Upper
75	100		
53	0.5	75.9	113.9#
89	0.4	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.665 ug/l
RT: 12.94 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VX017783.D
Acq: 04 Aug 2020 20:23

Tgt Ion: 75 Resp: 218

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	0.0	54.3	162.9#