Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX017990.D
Acq On : 19 Aug 2020 17:13
Operator : JC/SP
Sample : L3721-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Quant Time: Aug 20 04:20:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	469926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	723143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	639126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317773	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.26%			
35) Dibromofluoromethane	5.47	113	254302	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.44%			
50) Toluene-d8	8.70	98	845173	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
62) 4-Bromofluorobenzene	11.12	95	294217	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	228	1.021	ug/l #	68
4) Vinyl Chloride	1.40	62	161	2.283	ug/l #	44
11) Tert butyl alcohol	3.03	59	1131	0.850	ug/l	99
13) Acrolein	2.27	56	273	0.389	ug/l #	1
14) Allyl chloride	2.70	41	2343	0.310	ug/l #	59
16) Acetone	2.42	43	70844	26.141	ug/l	99
17) Carbon Disulfide	2.55	76	111049	10.806	ug/l	95
20) Methylene Chloride	2.84	84	3495	0.700	ug/l #	74
25) 2-Butanone	4.65	43	6123	1.492	ug/l #	82
29) Tetrahydrofuran	5.10	42	1044	0.410	ug/l #	69
31) Cyclohexane	5.62	56	9680	1.360	ug/l #	33
36) 1,1-Dichloropropene	5.63	75	36451	6.022	ug/l #	51
38) Carbon Tetrachloride	5.64	117	47447	6.057	ug/l #	15
39) Methylcyclohexane	7.43	83	314	0.853	ug/l #	16
49) 1,4-Dioxane	7.73	88	189	1.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	152600	24.324	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	152600	63.902	ug/l #	12
95) Naphthalene	13.82	128	16108	0.876	ug/l #	92

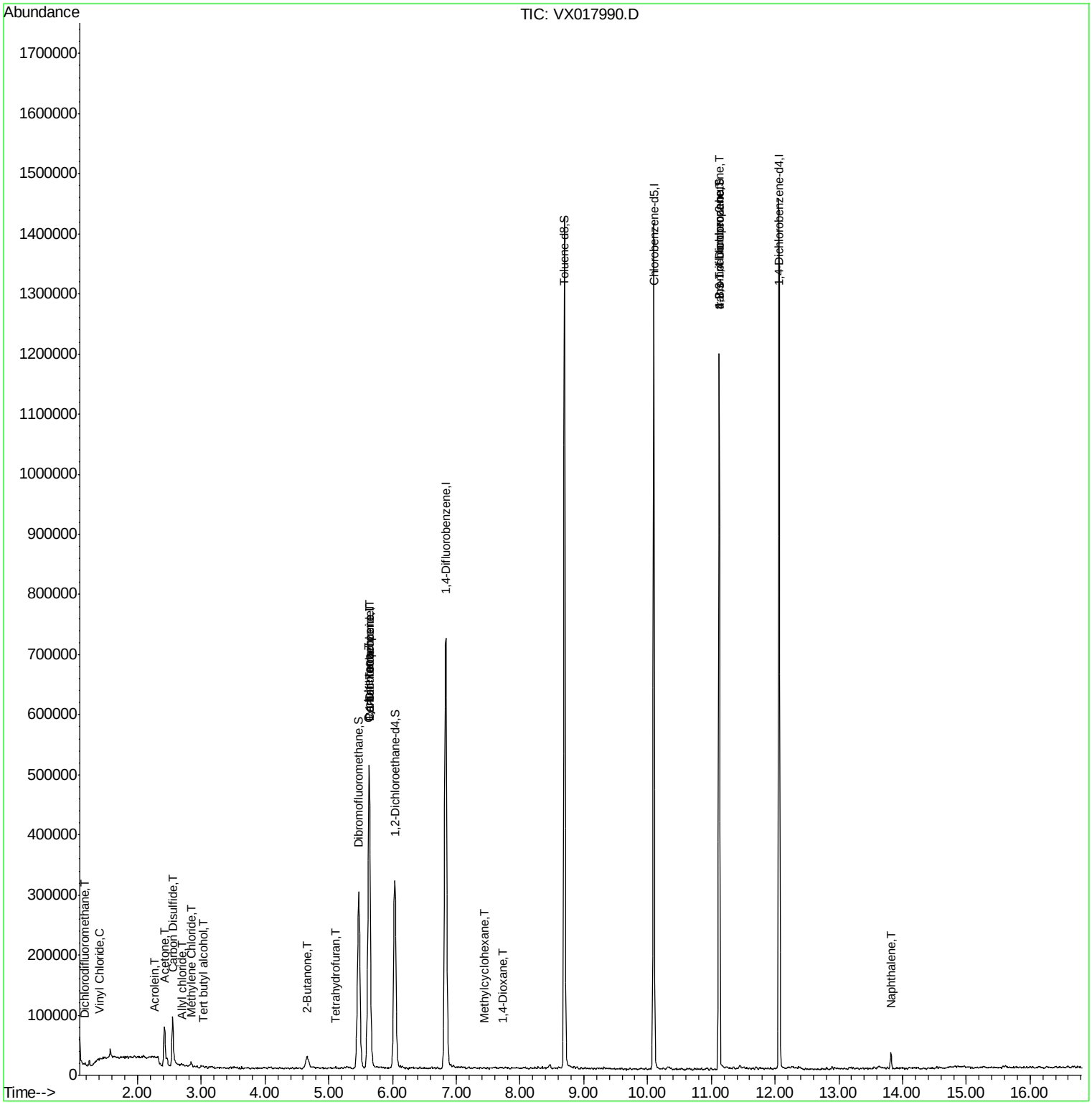
(#) = qualifier out of range (m) = manual integration (+) = signals summed

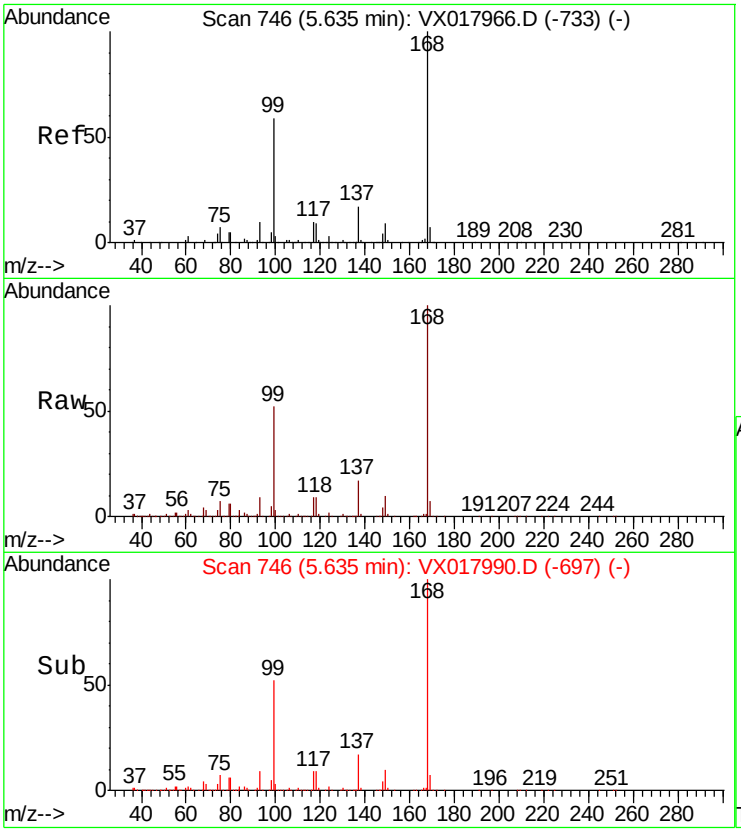
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX017990.D
Acq On : 19 Aug 2020 17:13
Operator : JC/SP
Sample : L3721-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Quant Time: Aug 20 04:20:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration



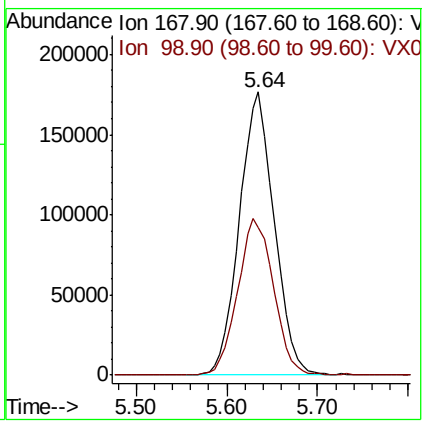


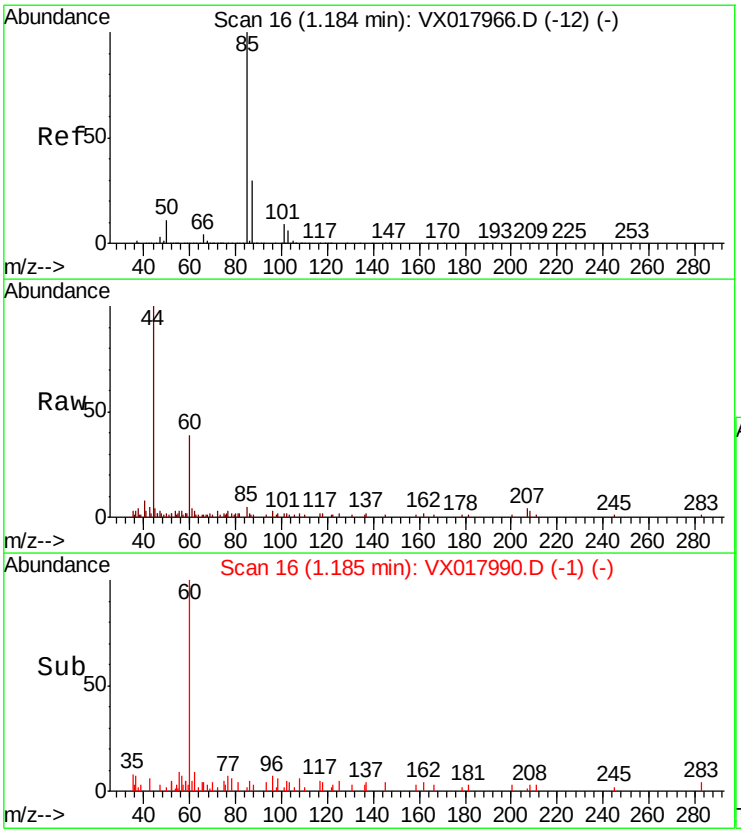
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion:168 Resp: 469926

Ion	Ratio	Lower	Upper
168	100		
99	52.2	47.4	71.2

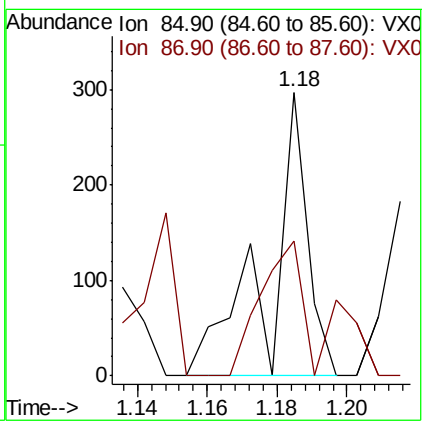


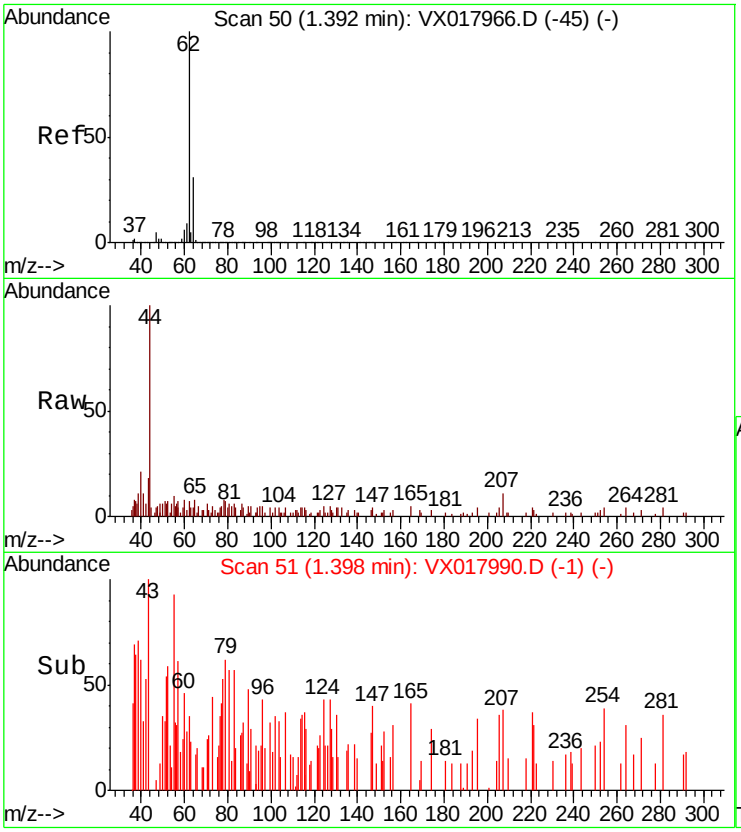


#2
Dichlorodifluoromethane
Concen: 1.021 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 85 Resp: 228

Ion	Ratio	Lower	Upper
85	100		
87	47.8	15.3	45.8#



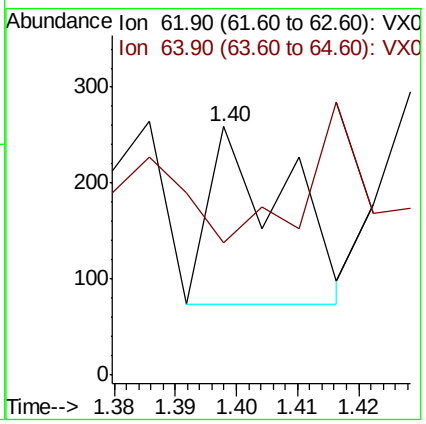


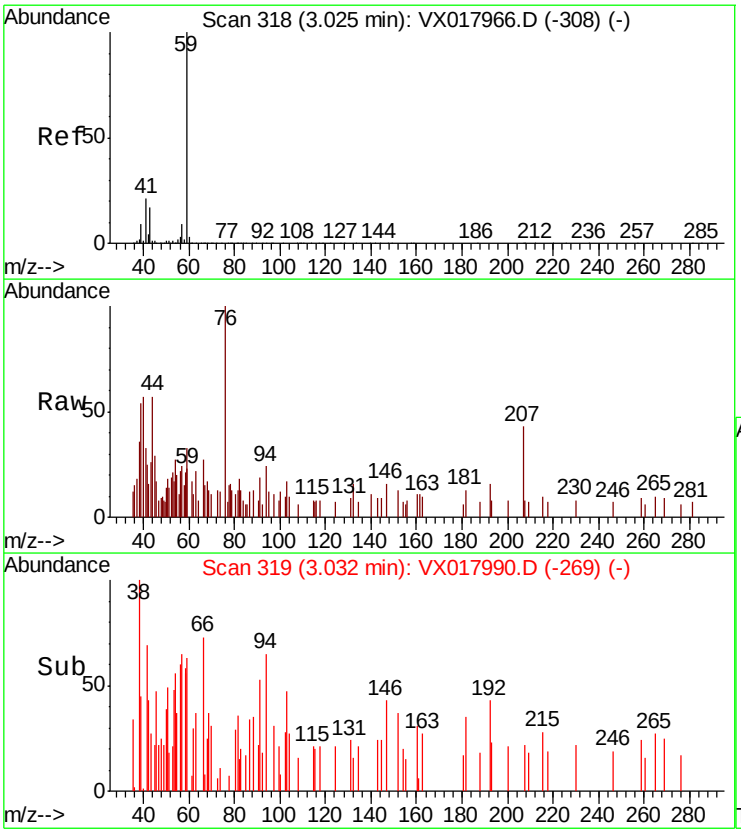
#4
Vinyl Chloride
Concen: 2.283 ug/l
RT: 1.40 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 62 Resp: 161

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.7	37.1#

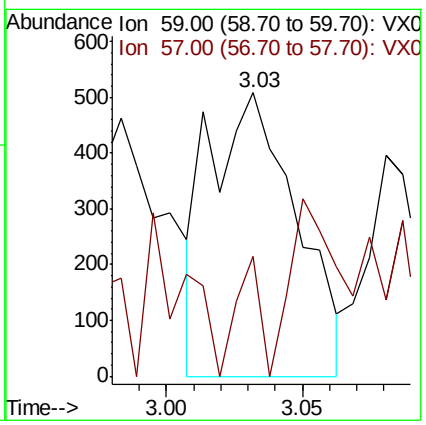


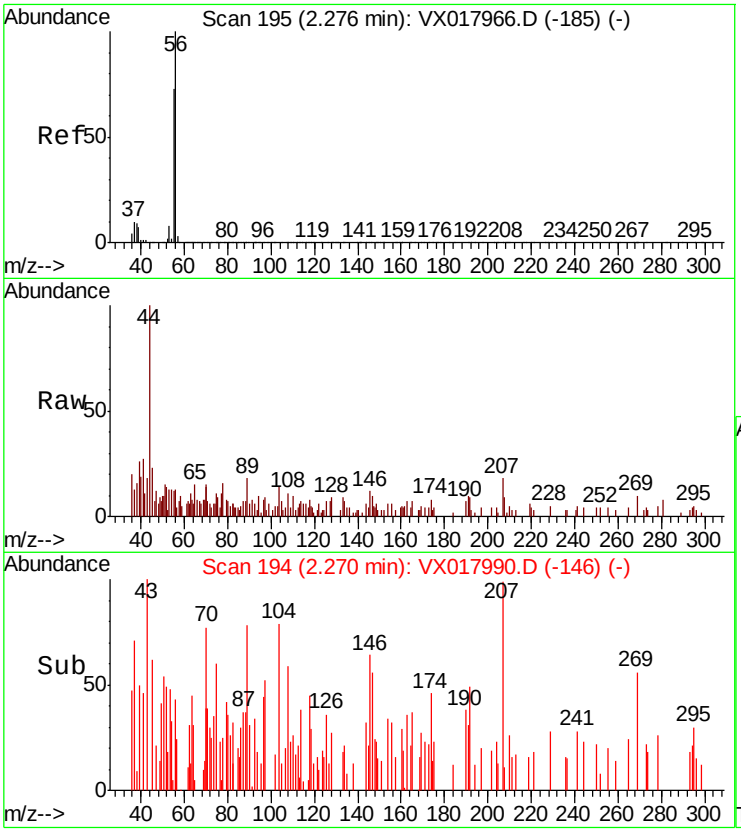


#11
Tert butyl alcohol
Concen: 0.850 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 59 Resp: 1131

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	13.0



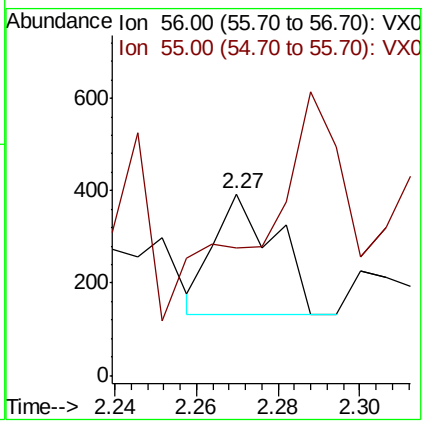


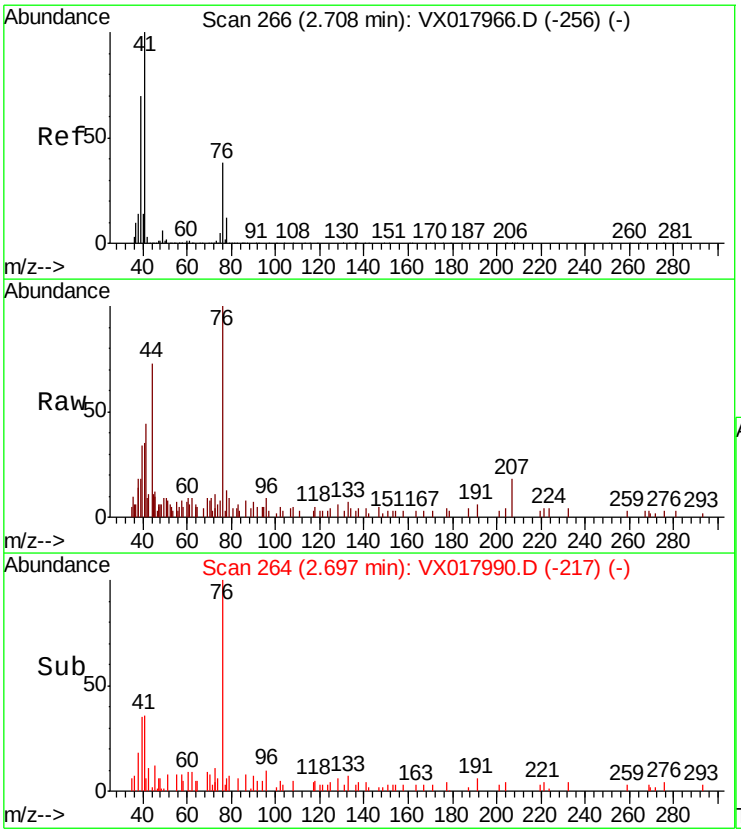
#13
Acrolein
Concen: 0.389 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Tgt Ion: 56 Resp: 273

Ion	Ratio	Lower	Upper
56	100		
55	155.7	58.2	87.4#

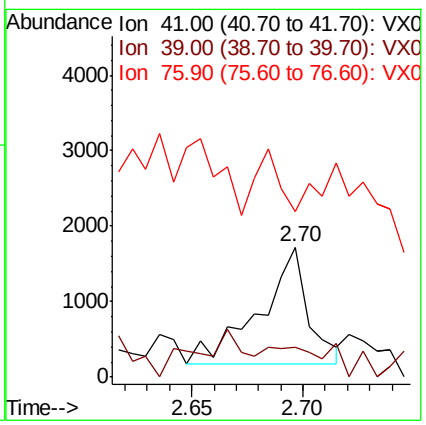


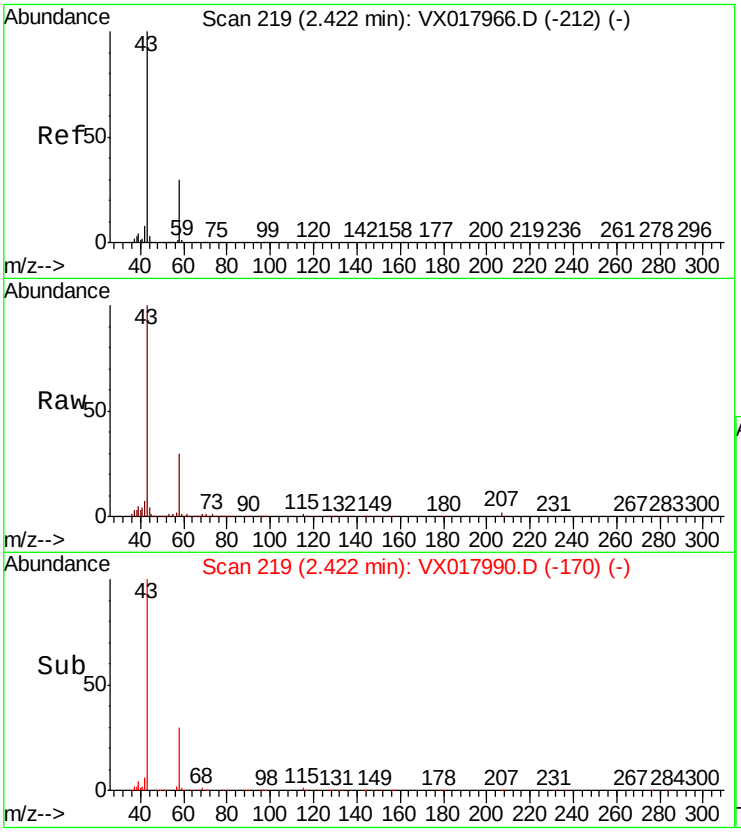


#14
Allyl chloride
Concen: 0.310 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 41 Resp: 2343

Ion	Ratio	Lower	Upper
41	100		
39	39.8	51.7	77.5#
76	0.0	26.3	39.5#



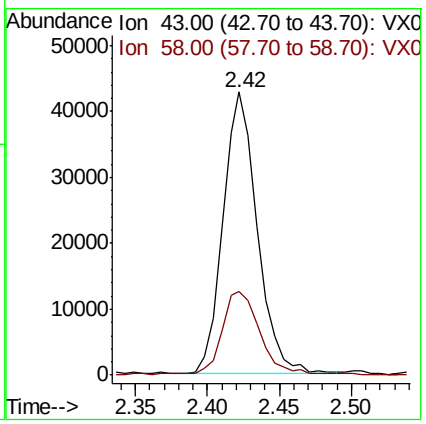


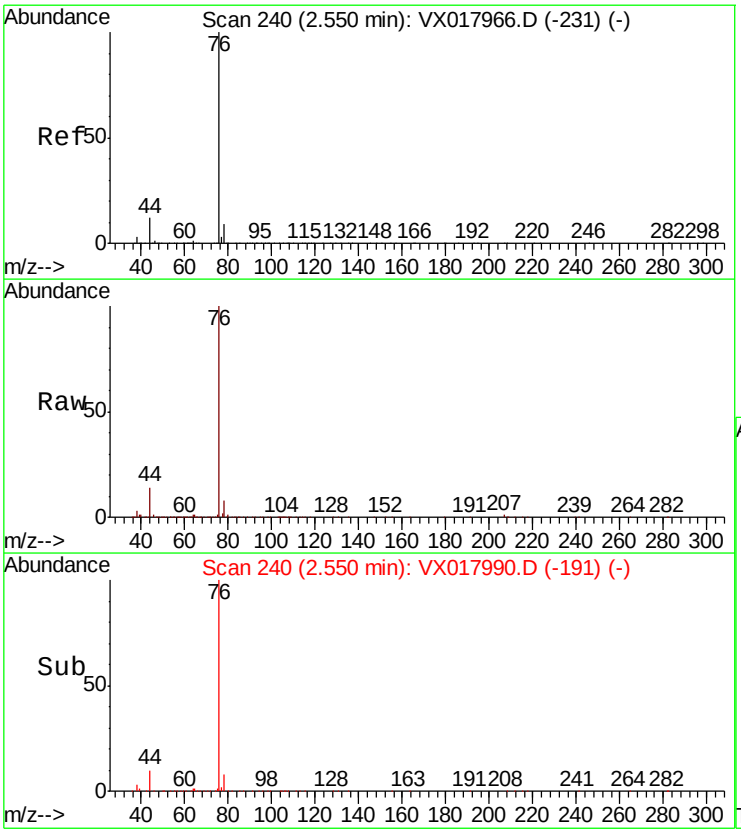
#16
Acetone
Concen: 26.141 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 43 Resp: 70844

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.8	35.8

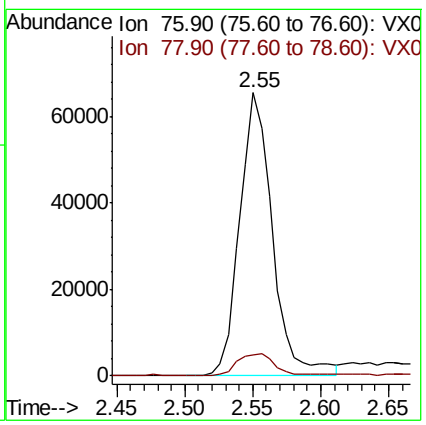


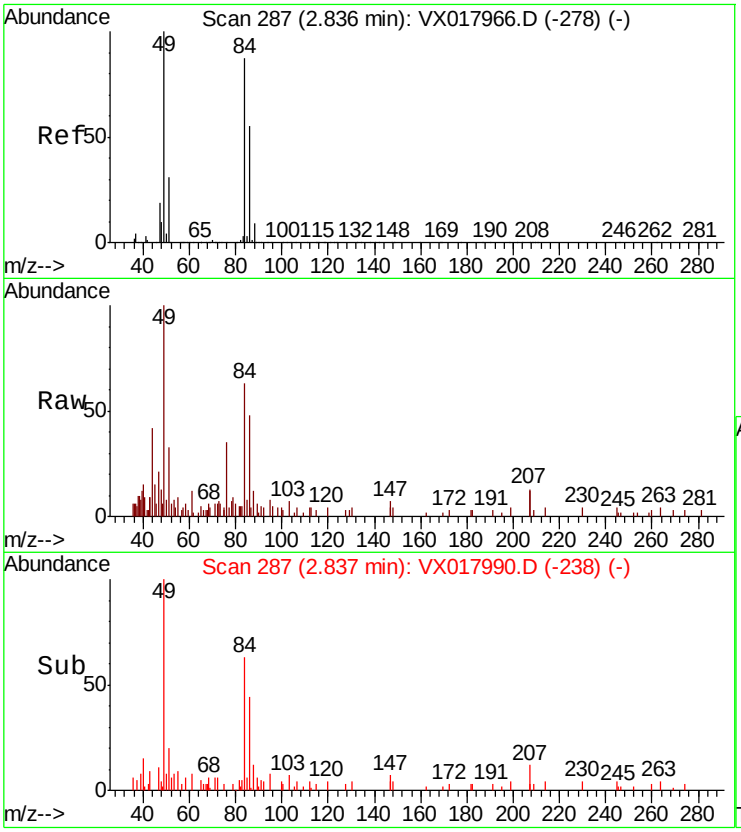


#17
Carbon Disulfide
Concen: 10.806 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 76 Resp: 111049

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.3	10.9



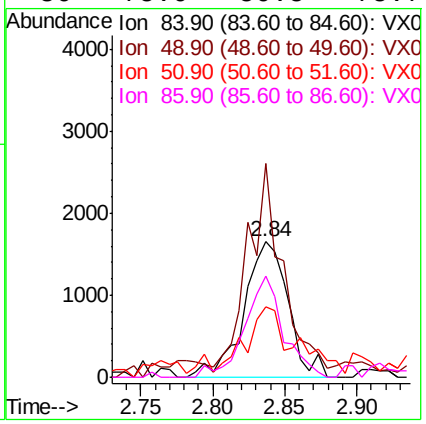


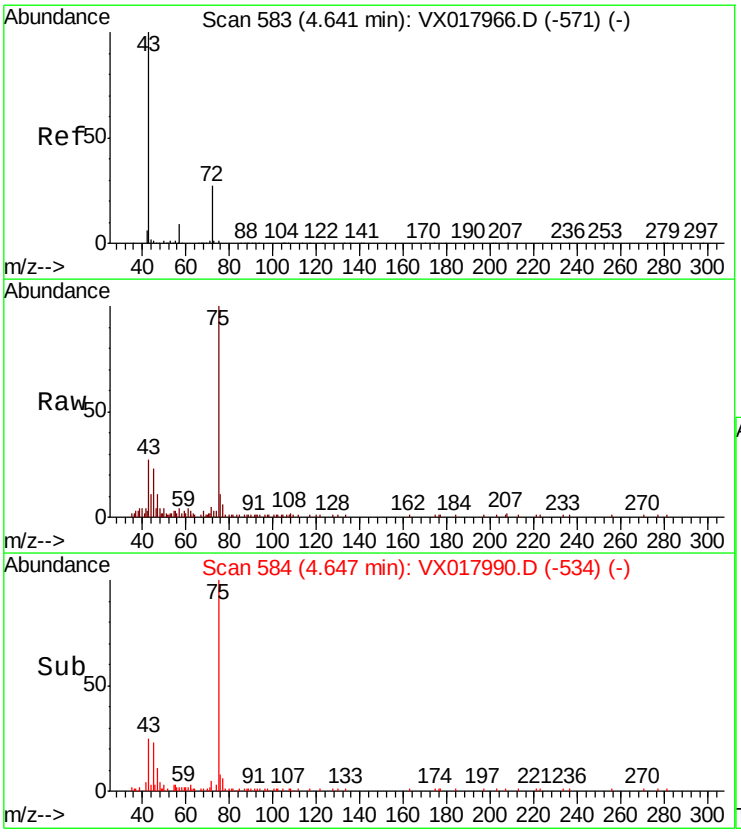
#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Tgt Ion: 84 Resp: 3495

Ion	Ratio	Lower	Upper
84	100		
49	149.3	91.8	137.6#
51	48.9	27.8	41.8#
86	75.0	50.5	75.7

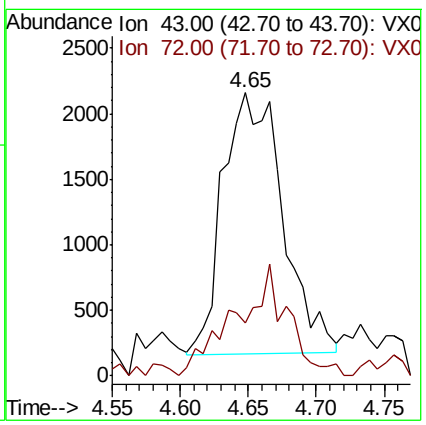


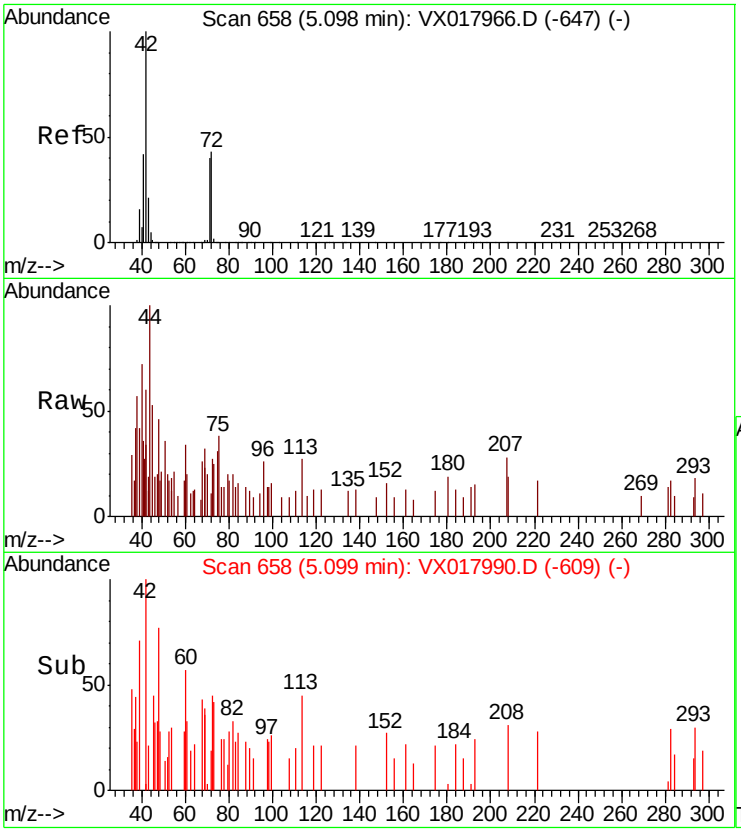


#25
2-Butanone
Concen: 1.492 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 43 Resp: 6123

Ion	Ratio	Lower	Upper
43	100		
72	17.4	21.4	32.2#



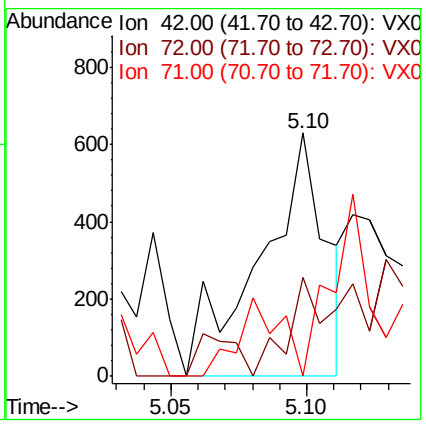


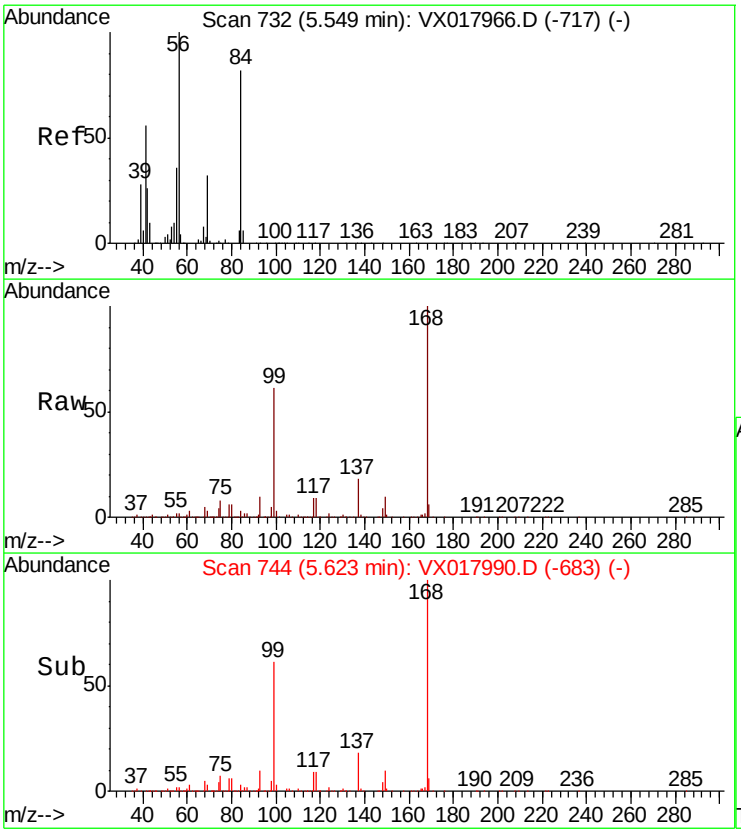
#29
Tetrahydrofuran
Concen: 0.410 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Tgt Ion: 42 Resp: 1044

Ion	Ratio	Lower	Upper
42	100		
72	25.4	35.9	53.9#
71	21.1	33.0	49.4#

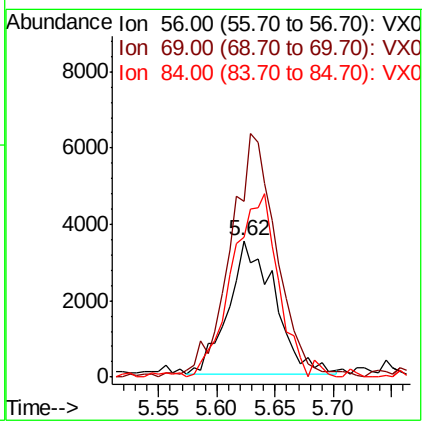


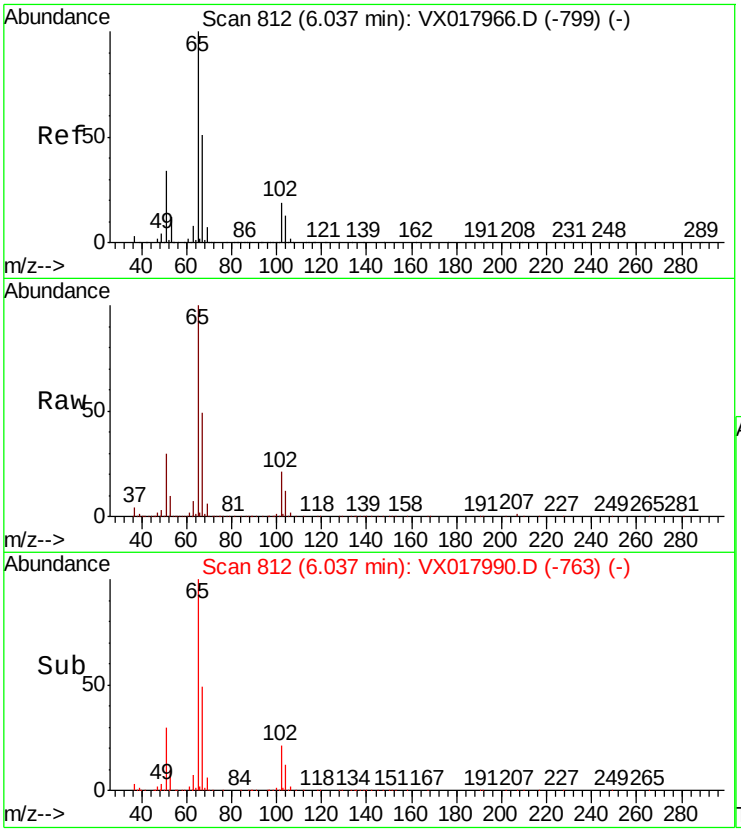


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 56 Resp: 9680

Ion	Ratio	Lower	Upper
56	100		
69	126.4	25.3	37.9#
84	105.4	65.3	97.9#



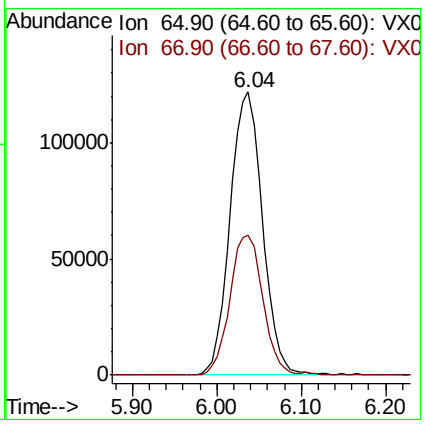


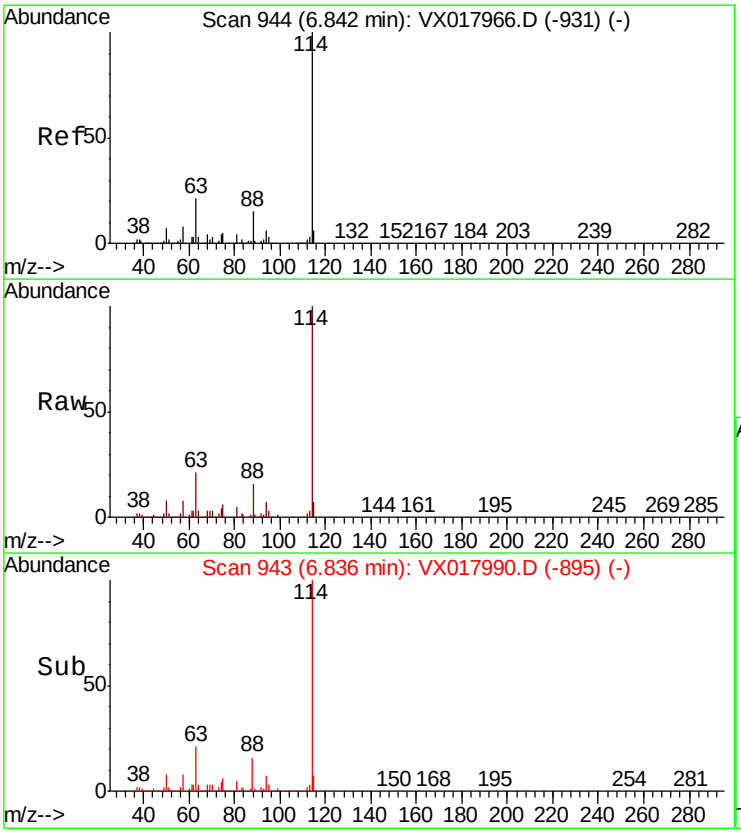
#33
1,2-Dichloroethane-d4
Concen: 46.129 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 65 Resp: 317773

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0

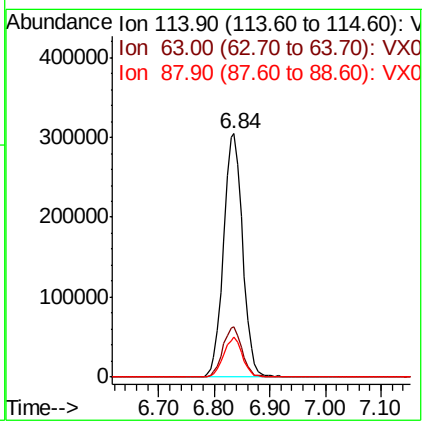


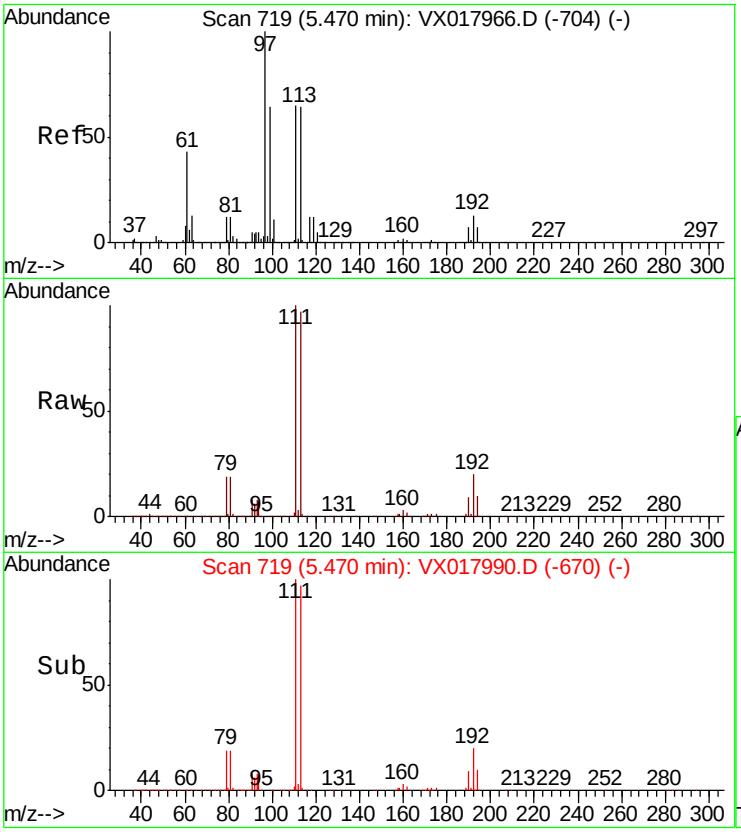


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion:114 Resp: 723143

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	16.3	0.0	30.2



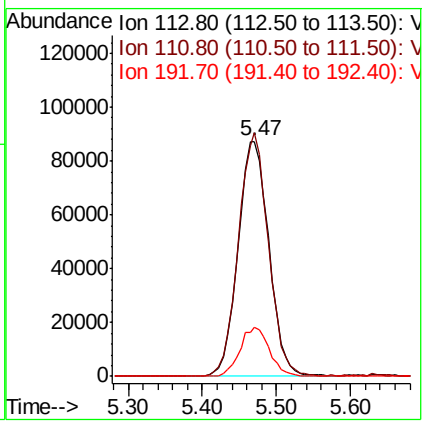


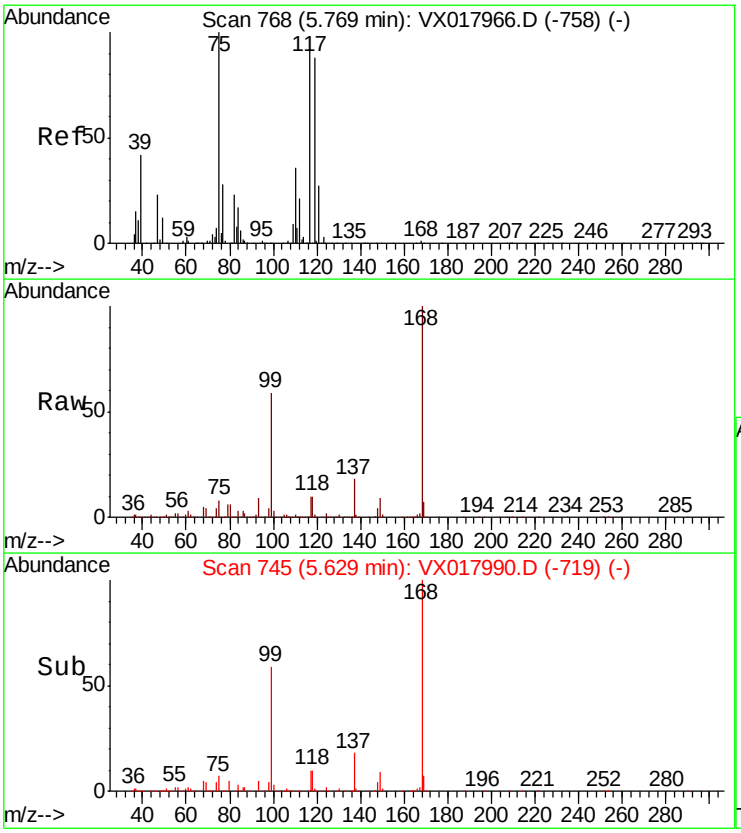
#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion:113 Resp: 254302

Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.5	125.3
192	20.1	16.2	24.4

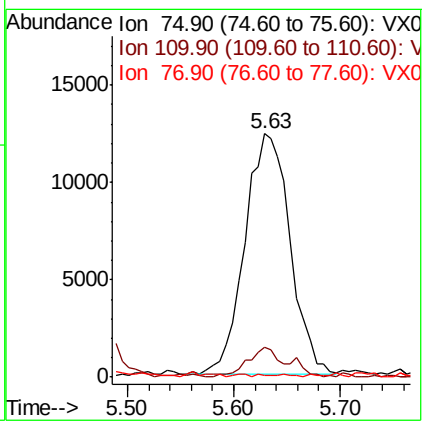


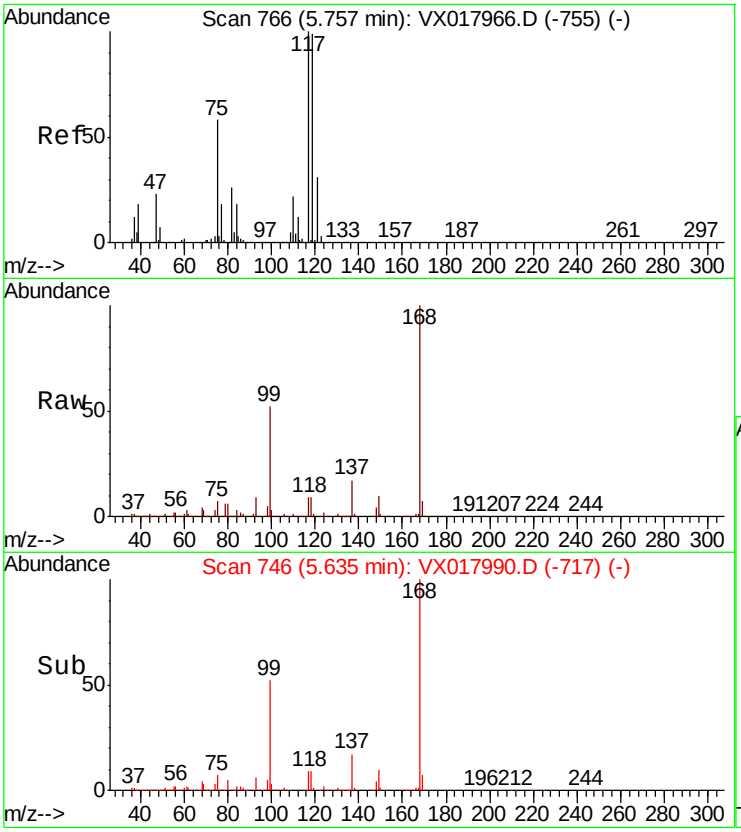


#36
1,1-Dichloropropene
Concen: 6.022 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 75 Resp: 36451

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.7	56.1#
77	0.3	24.4	36.6#



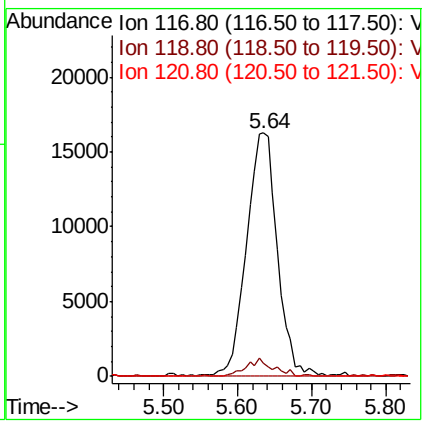


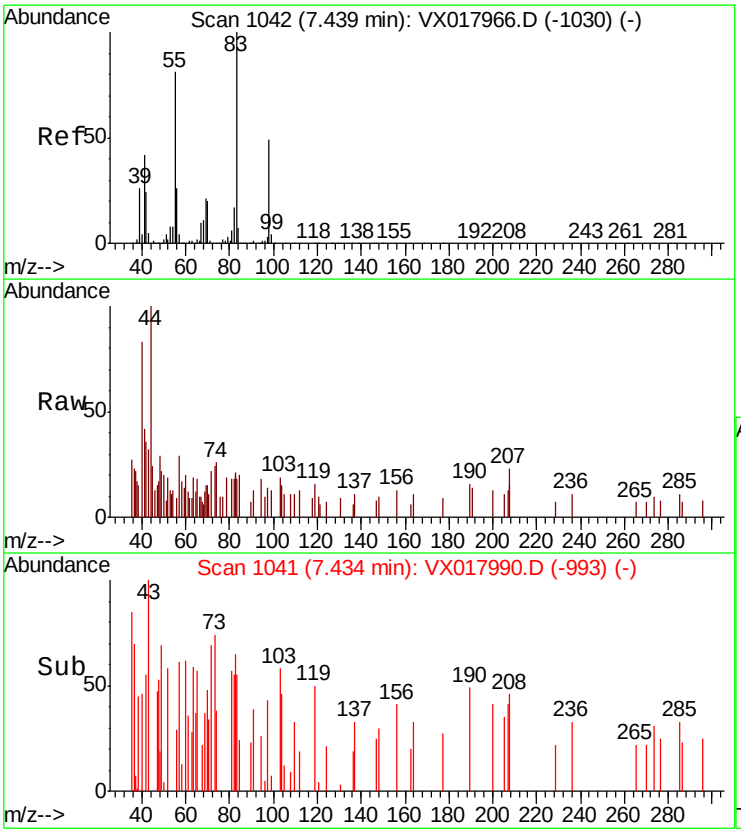
#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion:117 Resp: 47447

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.0	118.6#
121	0.0	24.7	37.1#

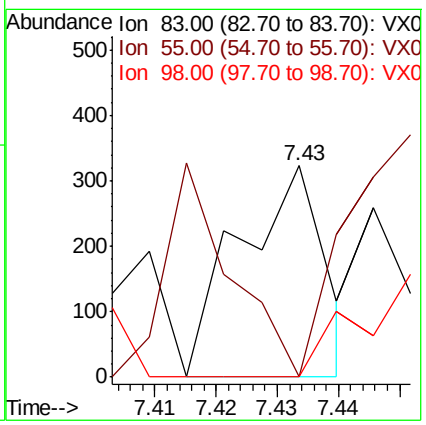


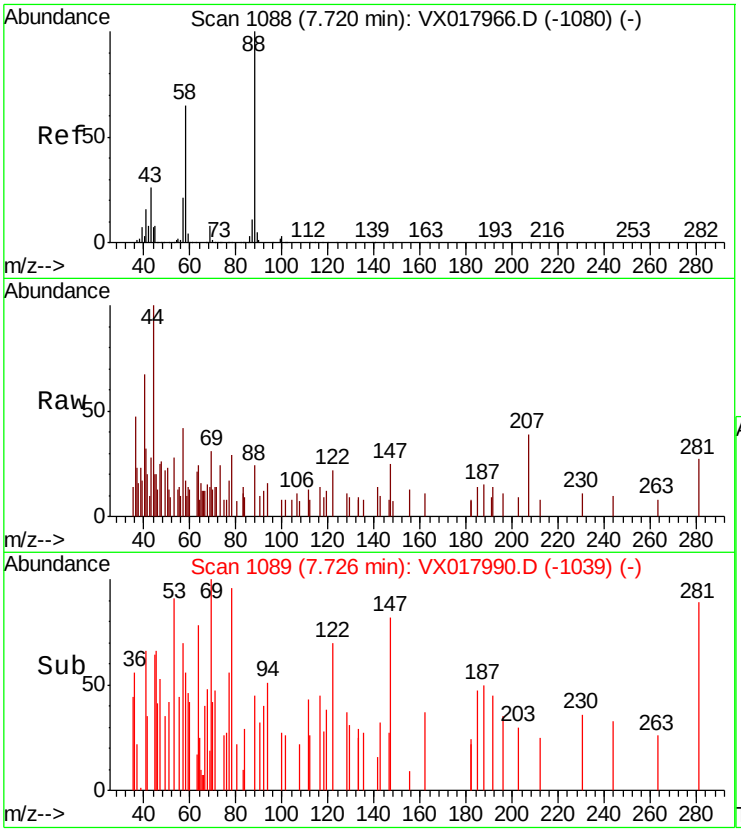


#39
Methylcyclohexane
Concen: 0.853 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 83 Resp: 314

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.5	96.7#
98	0.0	39.0	58.6#



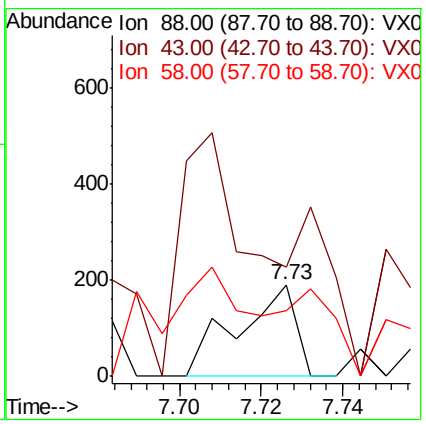


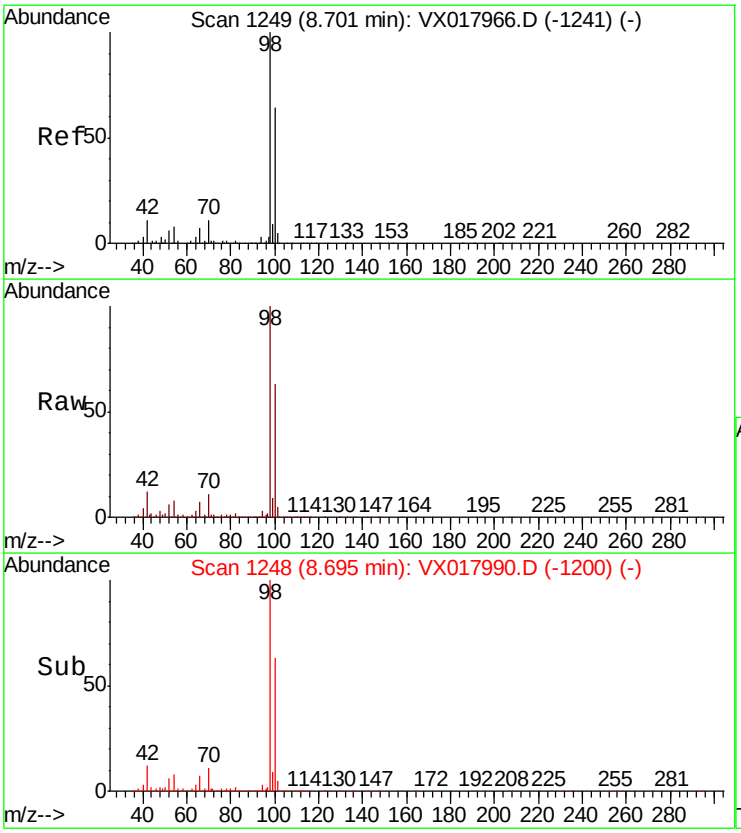
#49
1,4-Dioxane
Concen: 1.593 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 88 Resp: 189

Ion	Ratio	Lower	Upper
88	100		
43	248.1	27.3	40.9#
58	178.8	57.7	86.5#

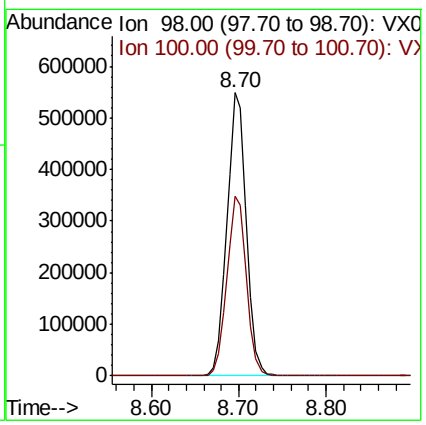


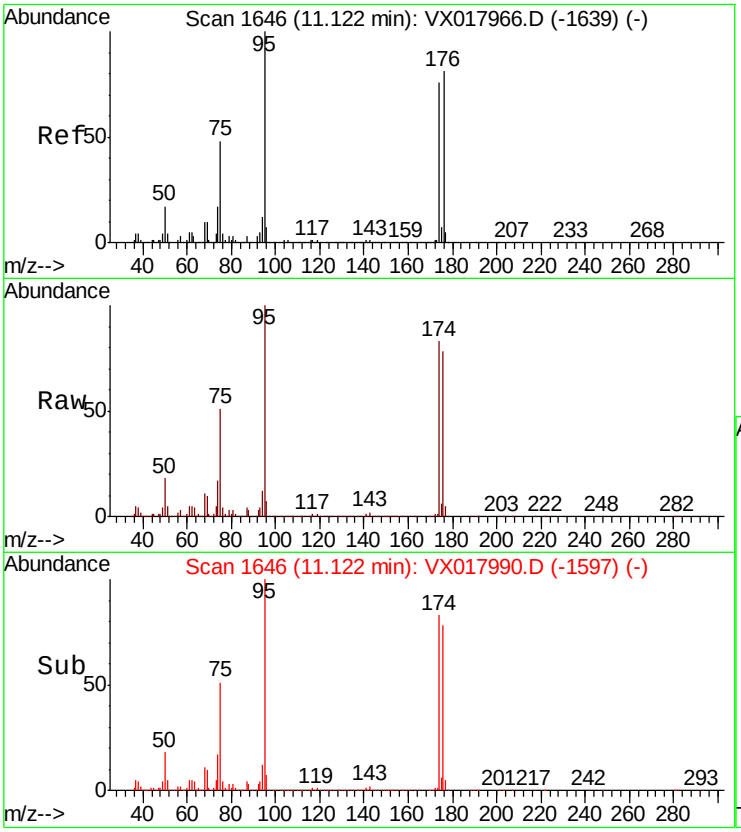


#50
Toluene-d8
Concen: 44.401 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 98 Resp: 845173

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.2



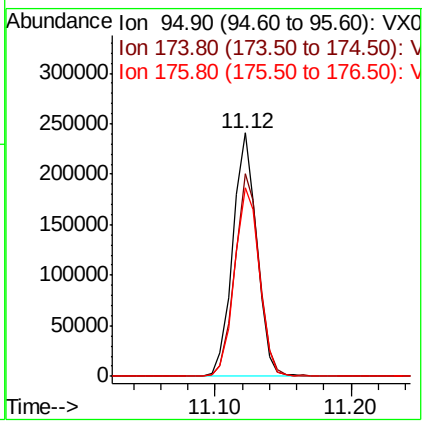


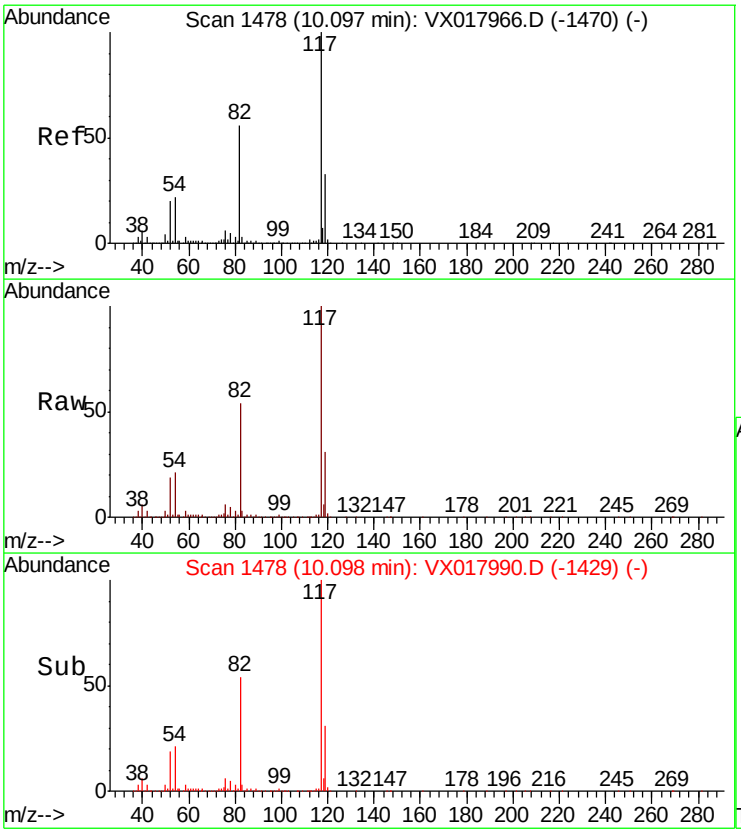
#62
4-Bromofluorobenzene
Concen: 41.849 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 95 Resp: 294217

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	166.0
176	80.6	0.0	161.0

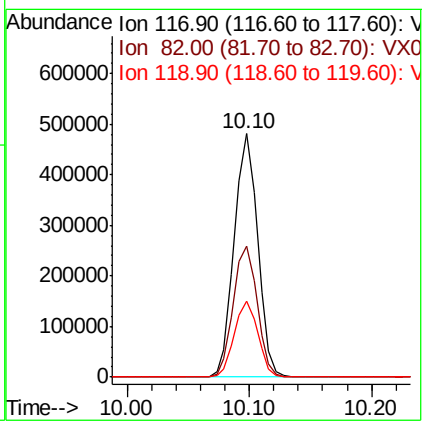


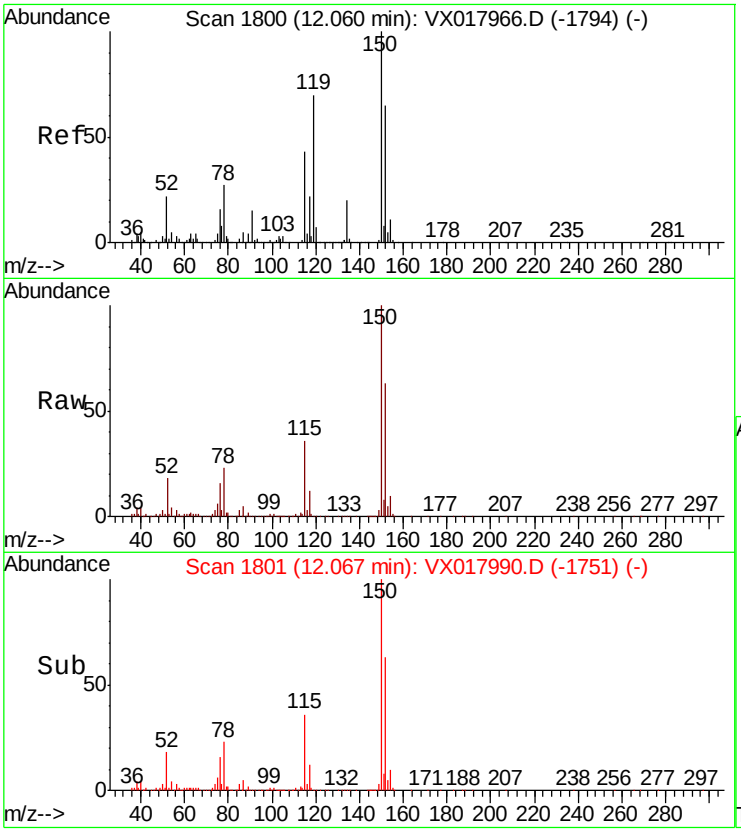


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion:117 Resp: 639126

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.6	66.8
119	31.0	26.2	39.4



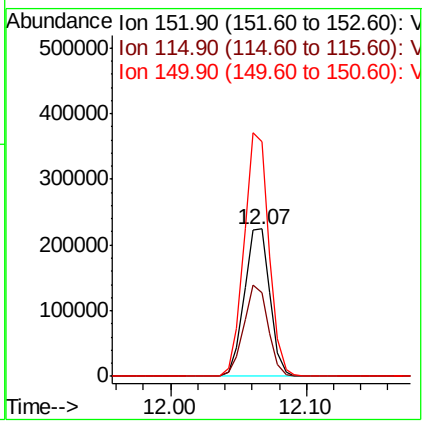


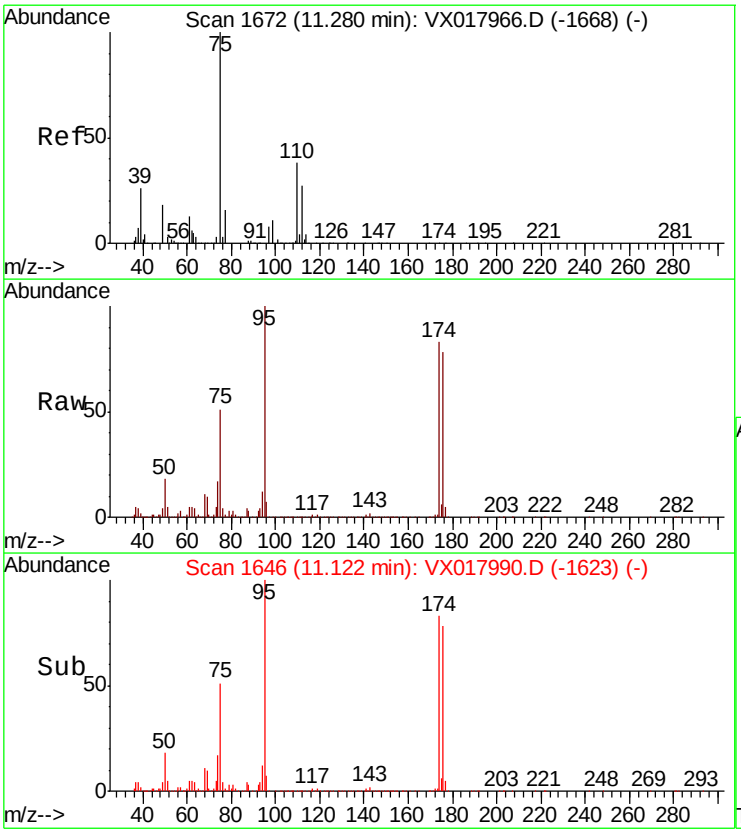
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument : MSVOA_X
ClientSampleId : I-LGC-6

Tgt Ion:152 Resp: 295001

Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.6	121.7
150	160.1	0.0	346.4

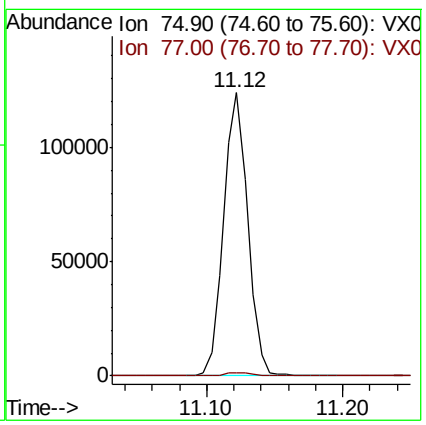


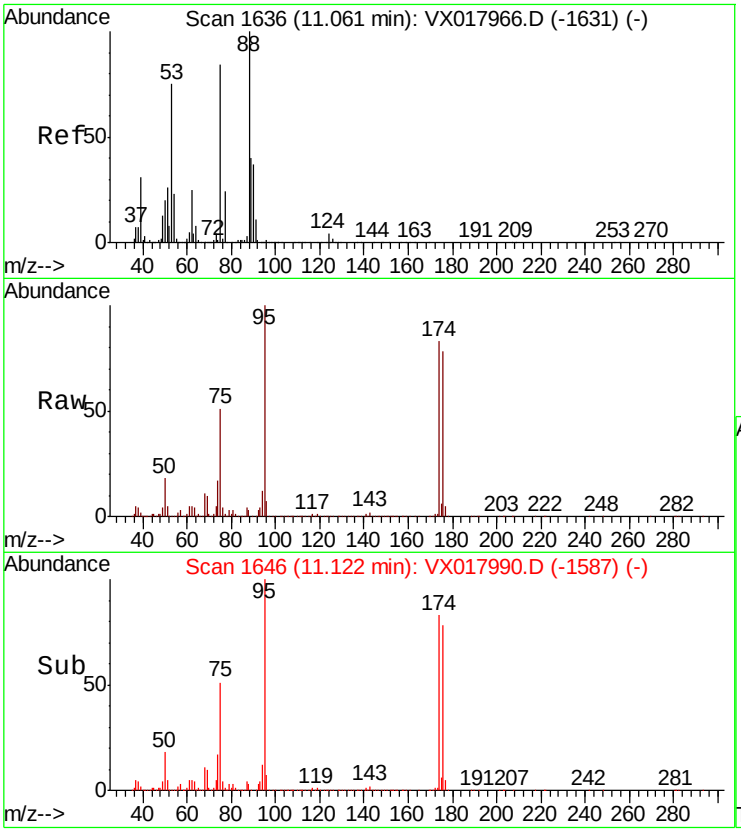


#76
1,2,3-Trichloropropane
Concen: 24.324 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion: 75 Resp: 152600

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.1#



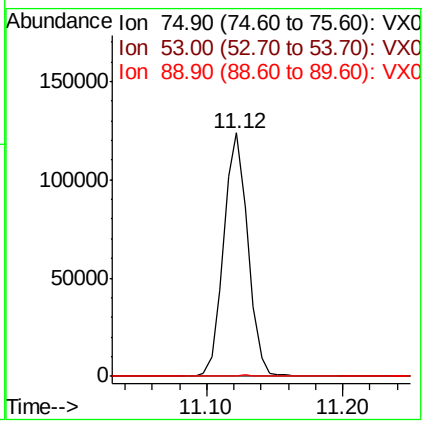


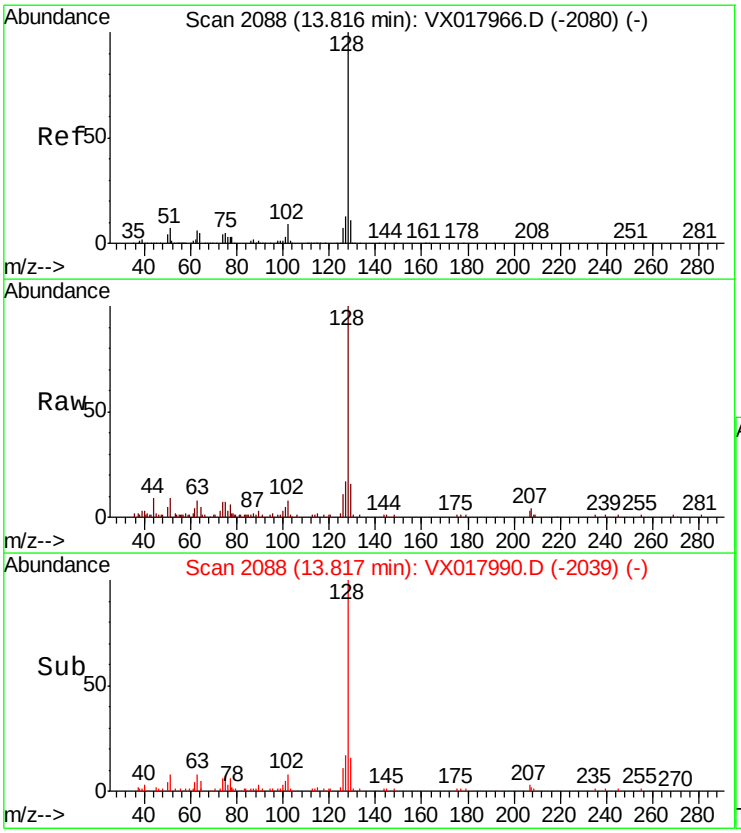
#81
trans-1,4-Dichloro-2-butene
Concen: 63.902 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-6

Tgt Ion: 75 Resp: 152600

Ion	Ratio	Lower	Upper
75	100		
53	0.5	75.2	112.8#
89	0.2	38.4	57.6#





#95
Naphthalene
Concen: 0.876 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017990.D
Acq: 19 Aug 2020 17:13

Tgt Ion:128 Resp: 16108

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.7	16.1
129	14.8	8.6	13.0#