Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011233.D
Acq On : 31 Jul 2019 06:55
Operator : JC/SP
Sample : K3622-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OR-03-072919-A

Quant Time: Jul 31 08:50:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108657	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
35) Dibromofluoromethane	5.50	113	94399	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
50) Toluene-d8	8.71	98	375129	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.64%			
62) 4-Bromofluorobenzene	11.13	95	125006	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.34	85	19	0.554	ug/l #	43
5) Bromomethane	1.66	94	259	0.224	ug/l #	70
8) Diethyl Ether	2.19	74	1242	1.037	ug/l	91
11) Tert butyl alcohol	3.05	59	187	0.345	ug/l #	59
13) Acrolein	2.30	56	296	0.945	ug/l #	81
16) Acetone	2.44	43	7295	6.936	ug/l	99
18) Methyl Acetate	2.78	43	957	0.400	ug/l #	89
20) Methylene Chloride	2.85	84	30540	13.702	ug/l	99
25) 2-Butanone	4.70	43	1485	0.984	ug/l #	81
29) Tetrahydrofuran	5.13	42	225	0.235	ug/l #	44
30) Chloroform	5.21	83	2186	0.583	ug/l #	76
31) Cyclohexane	5.67	56	4486	1.419	ug/l #	19
36) 1,1-Dichloropropene	5.66	75	14470	5.569	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20517	7.578	ug/l #	18
43) Isopropyl Acetate	6.45	43	9672	2.211	ug/l	98
48) Methyl methacrylate	7.68	41	5206	2.443	ug/l #	10
49) 1,4-Dioxane	7.87	88	127	2.130	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	47176	16.636	ug/l #	49
54) cis-1,3-Dichloropropene	8.61	75	24070	7.808	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	5682	1.664	ug/l #	46
59) 2-Hexanone	9.54	43	73052	33.213	ug/l #	51
60) Dibromochloromethane	9.46	129	19	2.535	ug/l #	31
76) 1,2,3-Trichloropropane	11.13	75	64609	26.116	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	64609	64.880	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.97	75	133	0.210	ug/l #	1
95) Naphthalene	13.83	128	17213	1.957	ug/l #	97

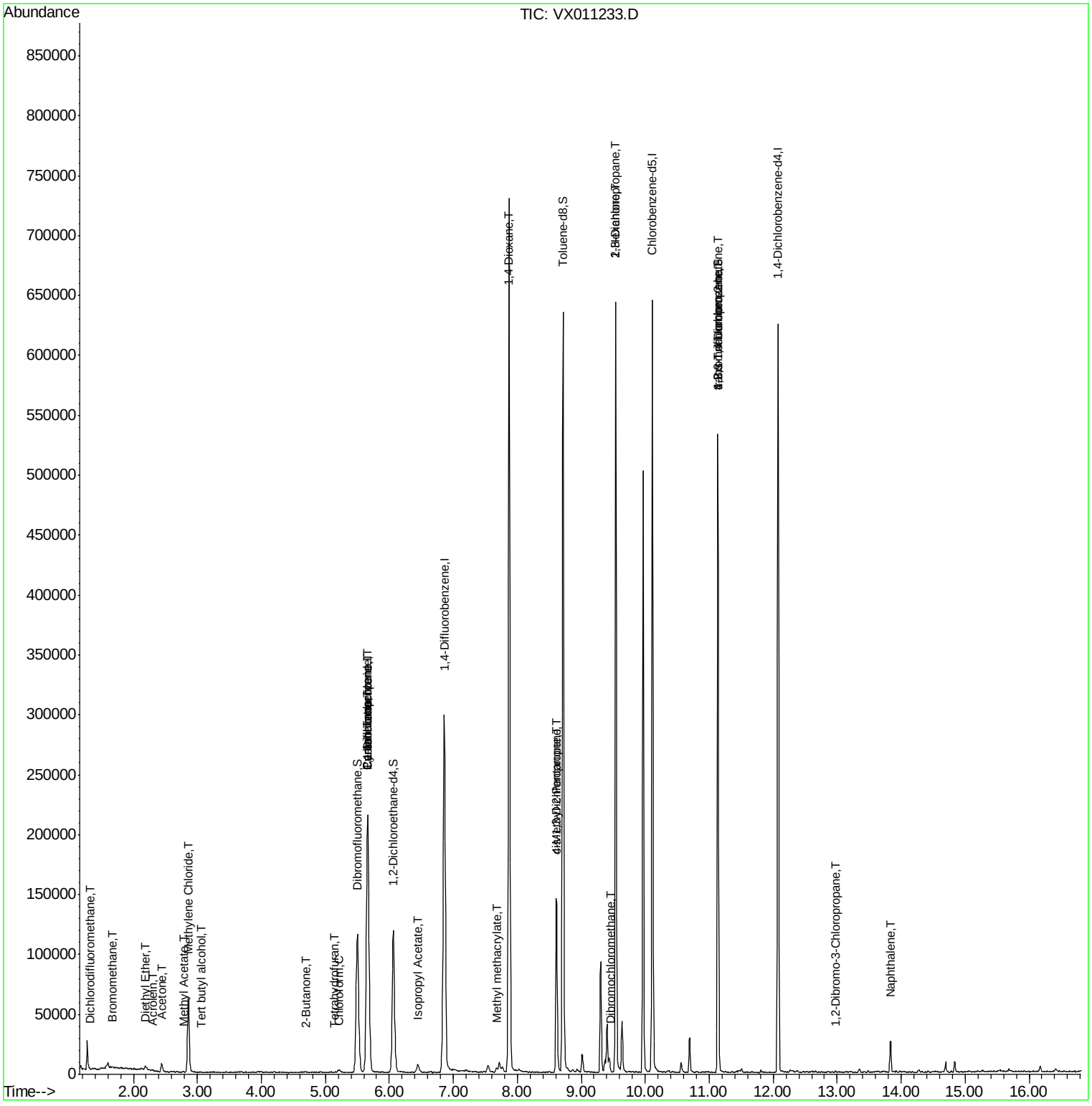
(#) = qualifier out of range (m) = manual integration (+) = signals summed

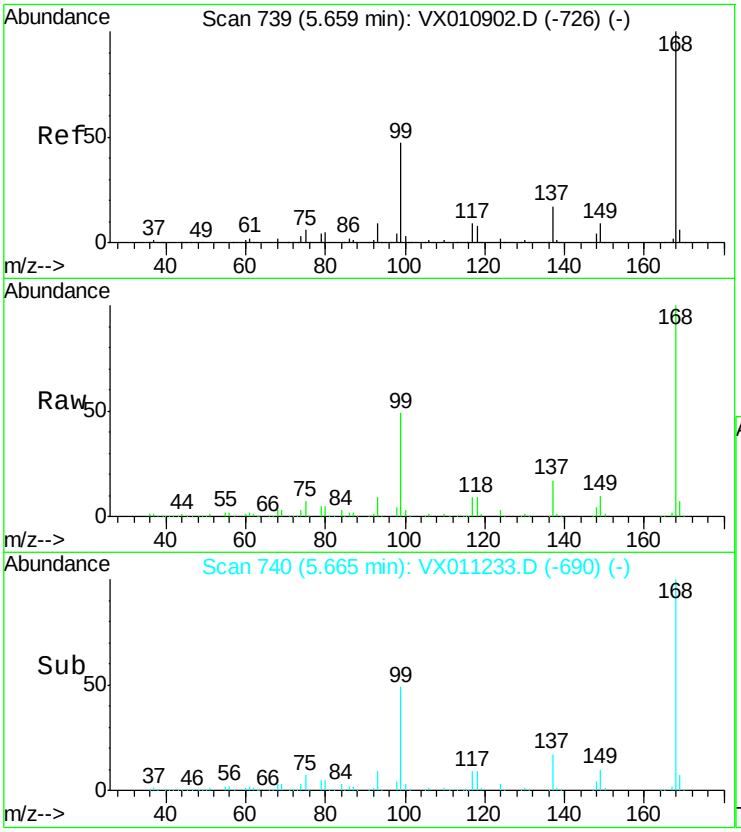
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011233.D
Acq On : 31 Jul 2019 06:55
Operator : JC/SP
Sample : K3622-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Quant Time: Jul 31 08:50:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



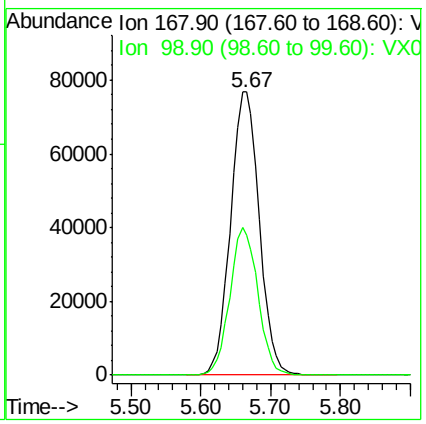


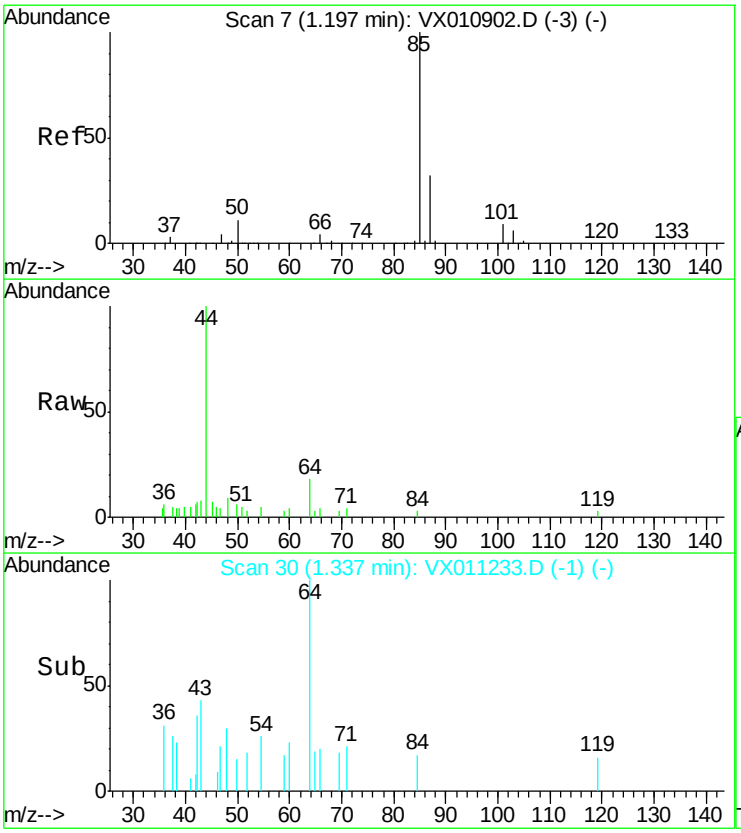
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion:168 Resp: 218887

Ion	Ratio	Lower	Upper
168	100		
99	49.4	37.6	56.4

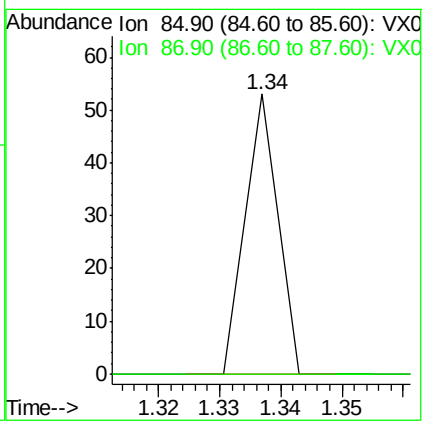


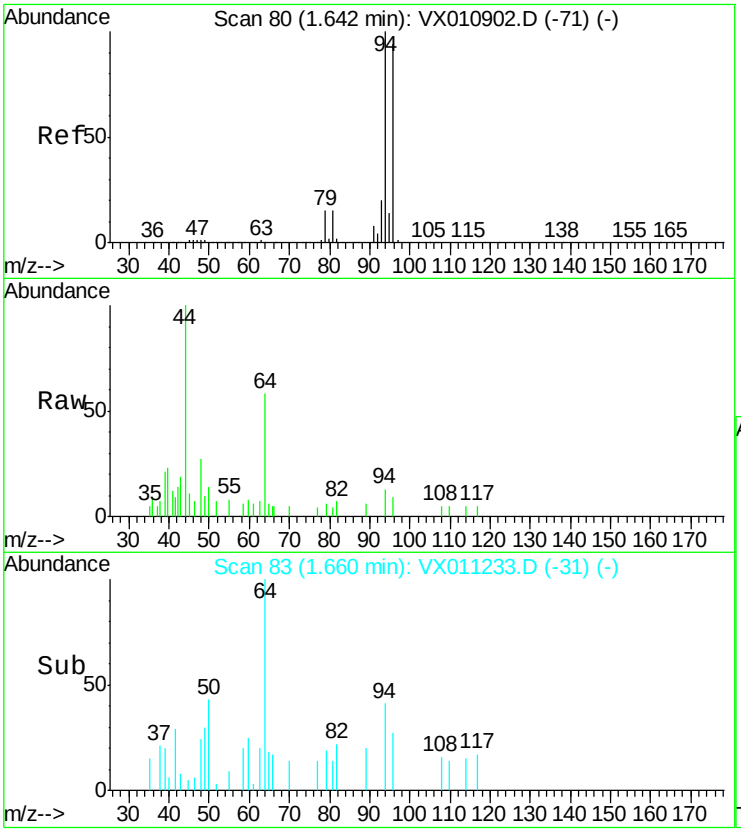


#2
Dichlorodifluoromethane
Concen: 0.554 ug/l
RT: 1.34 min Scan# 30
Delta R.T. 0.14 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 85 Resp: 19

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



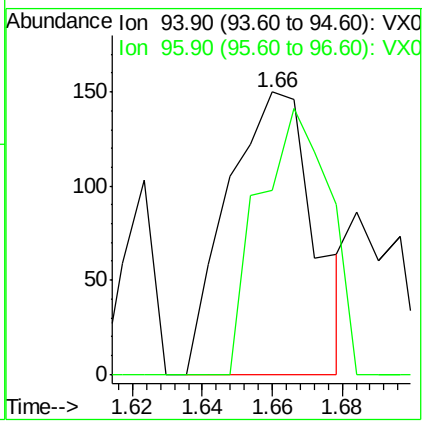


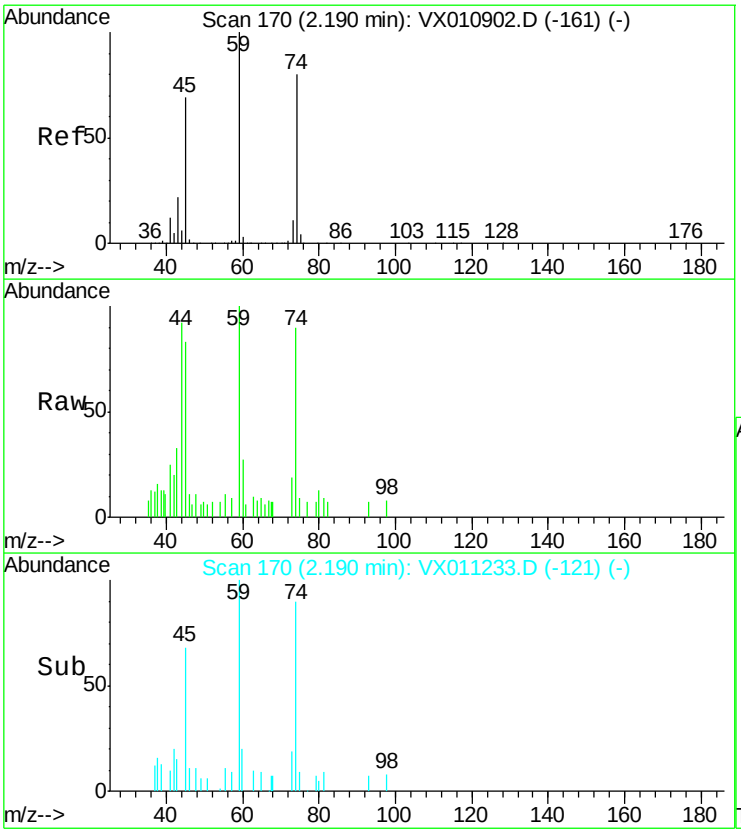
#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 94 Resp: 259

Ion	Ratio	Lower	Upper
94	100		
96	65.3	75.6	113.4#

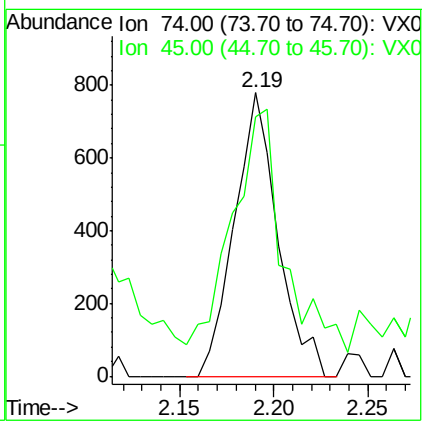


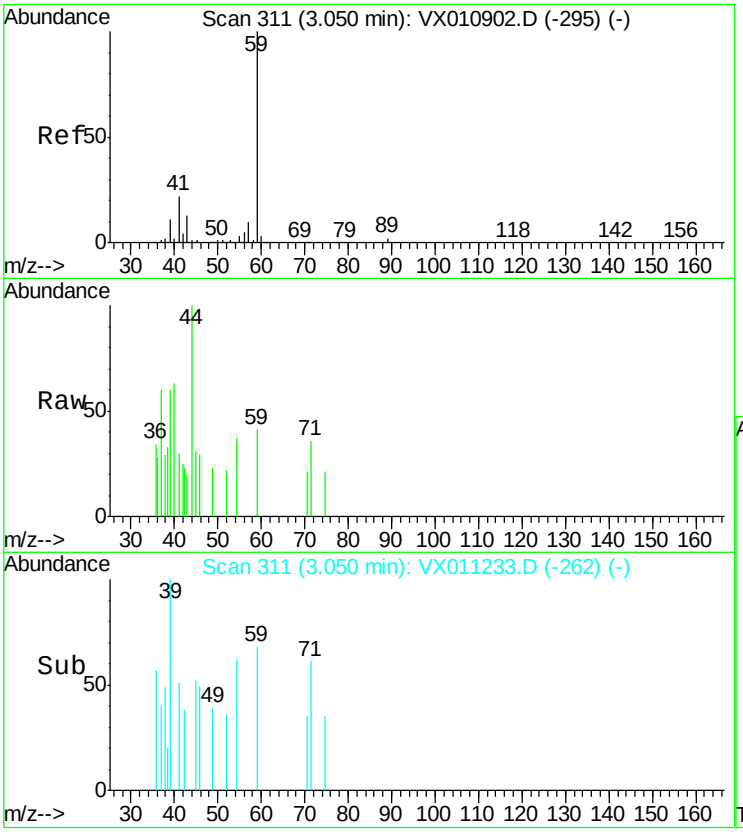


#8
Diethyl Ether
Concen: 1.037 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 74 Resp: 1242

Ion	Ratio	Lower	Upper
74	100		
45	99.8	45.5	136.5



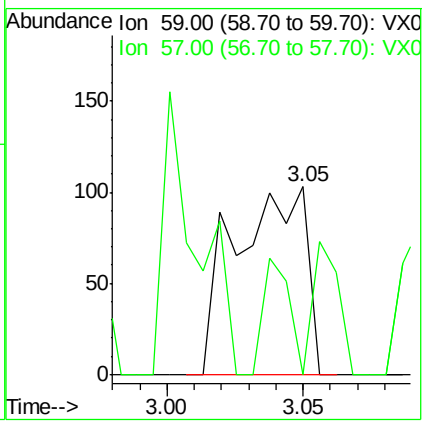


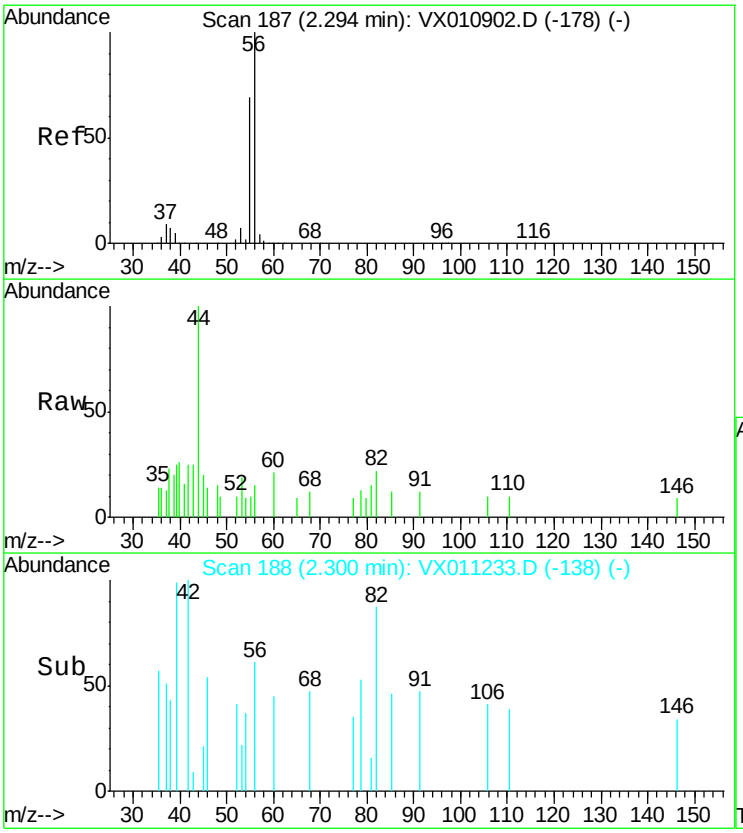
#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument : MSVOA_X
ClientSampleId : OR-03-072919-A

Tgt Ion: 59 Resp: 187

Ion	Ratio	Lower	Upper
59	100		
57	25.1	7.9	11.9#

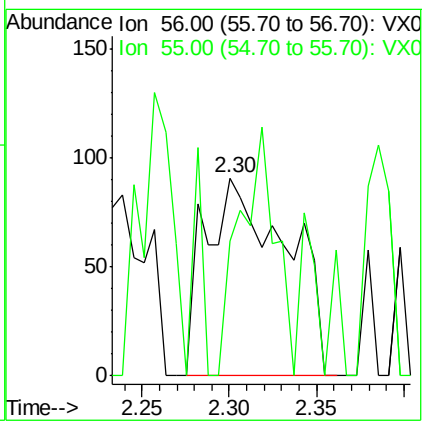


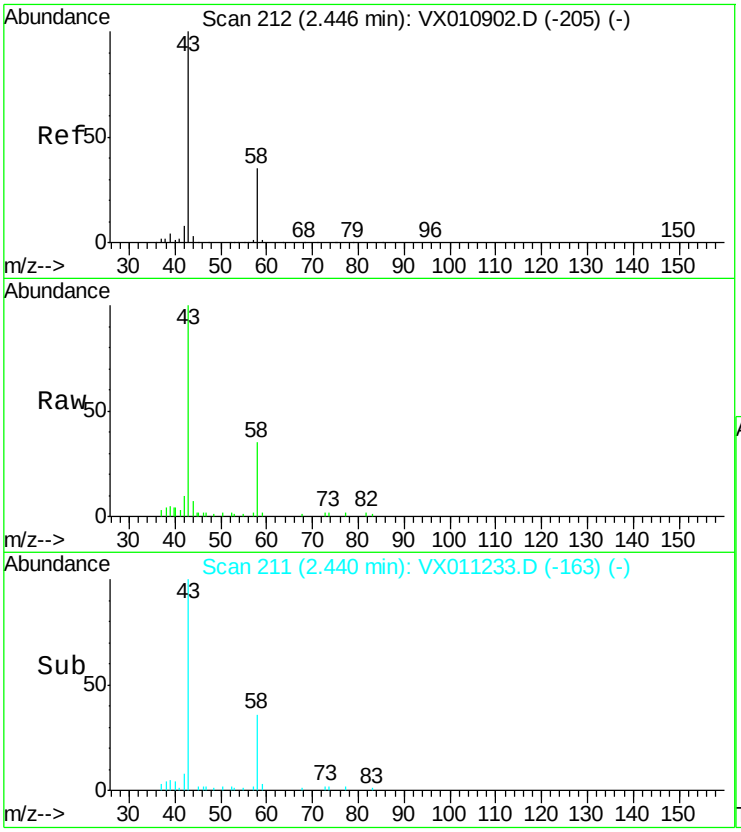


#13
Acrolein
Concen: 0.945 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 56 Resp: 296

Ion	Ratio	Lower	Upper
56	100		
55	54.7	55.9	83.9#



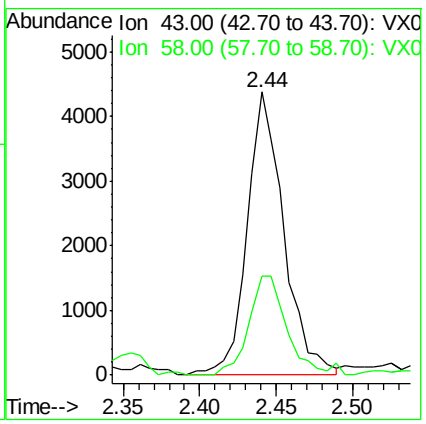


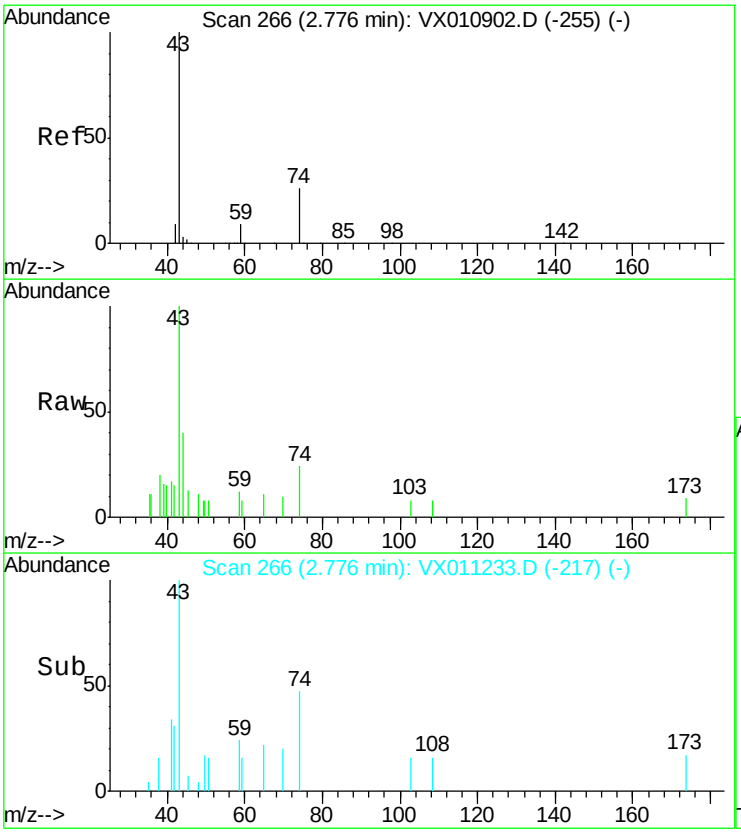
#16
Acetone
Concen: 6.936 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 43 Resp: 7295

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.7	41.5

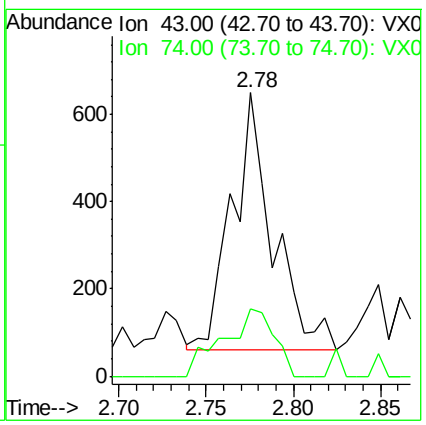


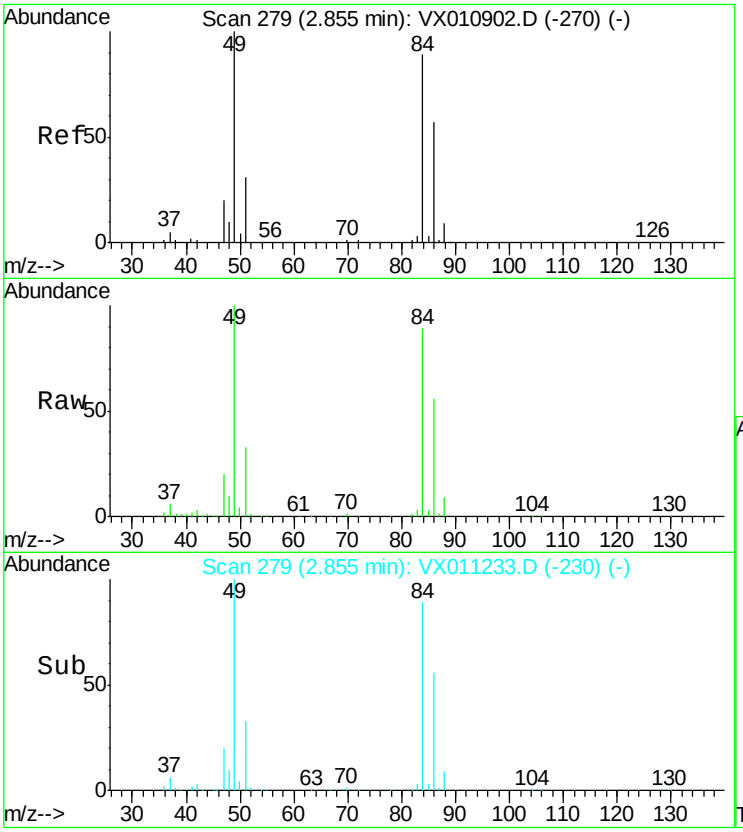


#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 43 Resp: 957

Ion	Ratio	Lower	Upper
43	100		
74	32.4	21.5	32.3#



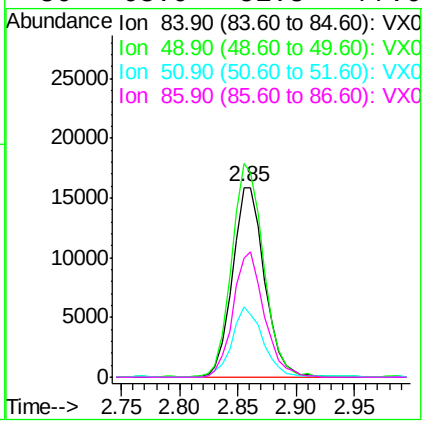


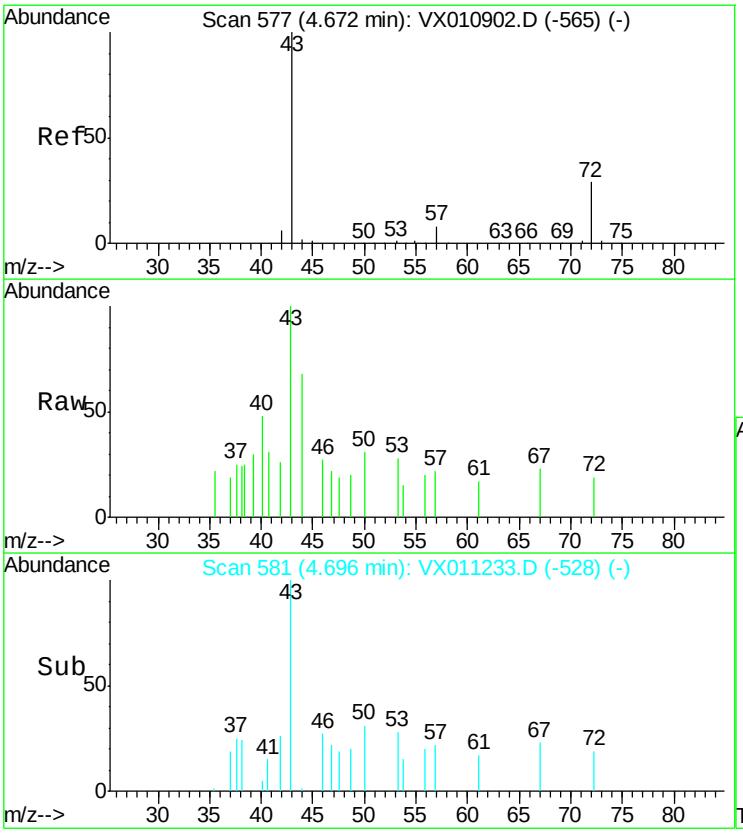
#20
Methylene Chloride
Concen: 13.702 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 84 Resp: 30540

Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.9	134.9
51	36.9	27.8	41.6
86	63.0	51.8	77.6

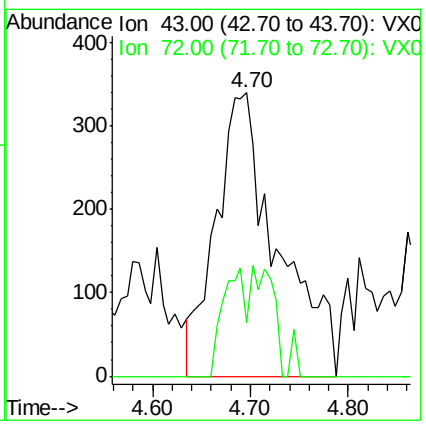


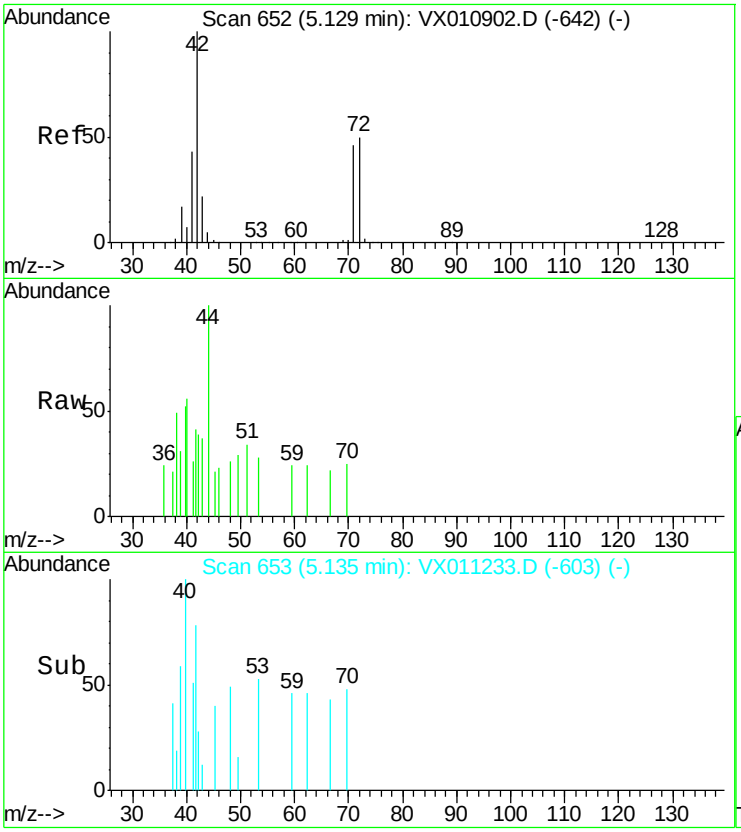


#25
2-Butanone
Concen: 0.984 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 43 Resp: 1485

Ion	Ratio	Lower	Upper
43	100		
72	18.8	23.0	34.6#



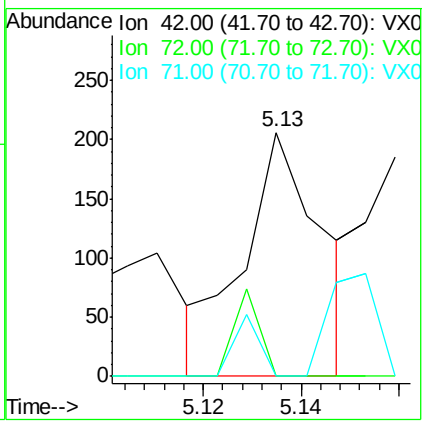


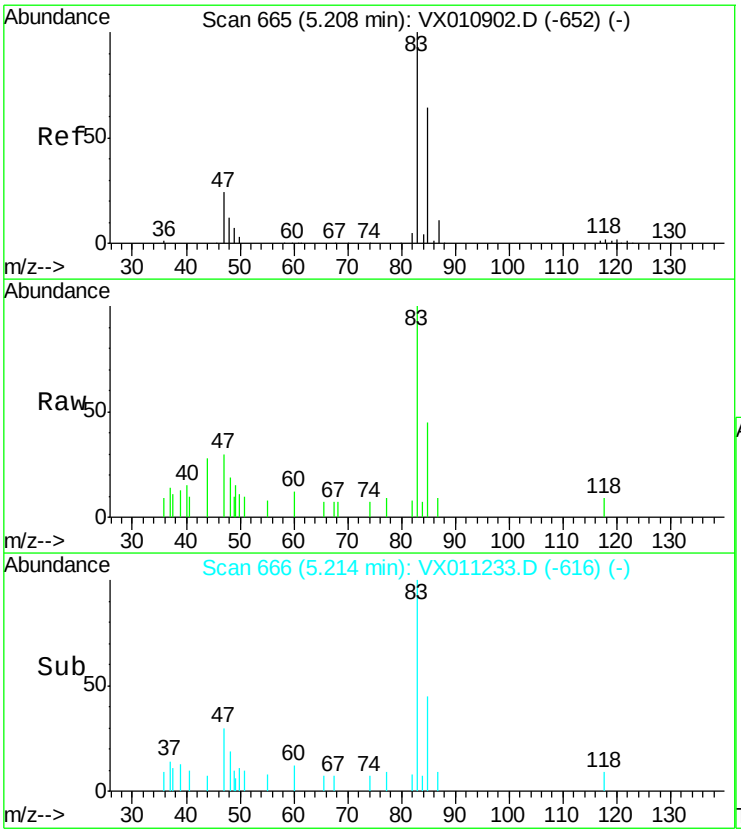
#29
Tetrahydrofuran
Concen: 0.235 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
72	12.0	39.8	59.8#
71	8.4	37.0	55.4#

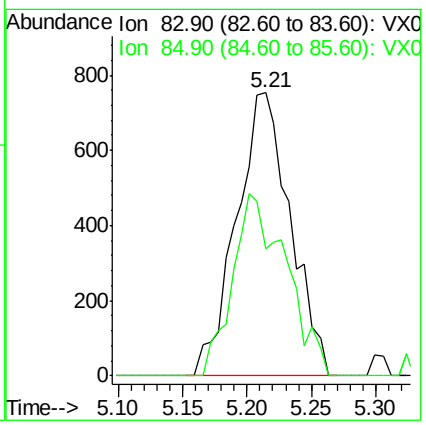


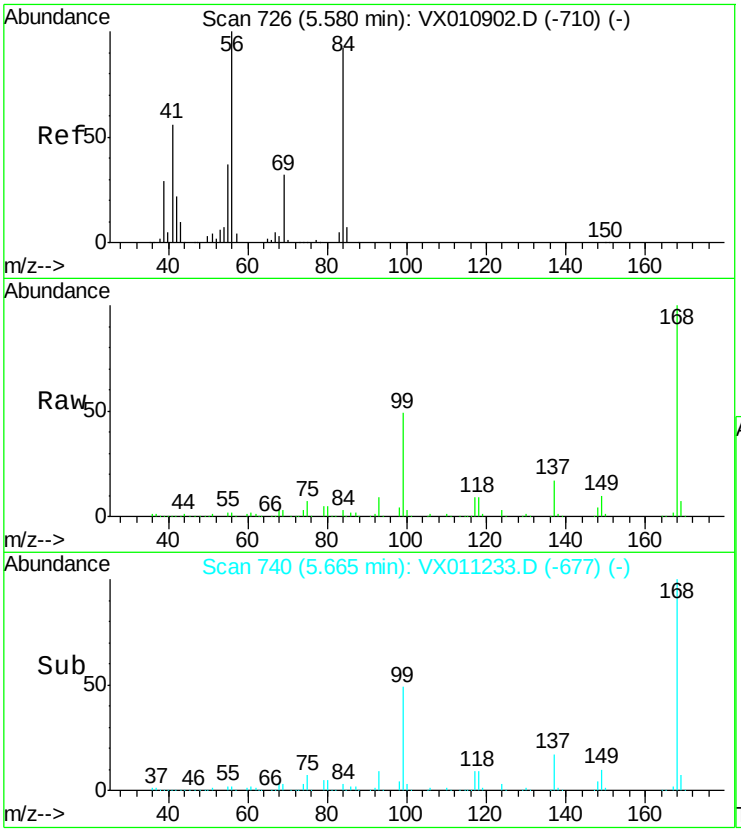


#30
Chloroform
Concen: 0.583 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 83 Resp: 2186

Ion	Ratio	Lower	Upper
83	100		
85	45.0	51.4	77.0#



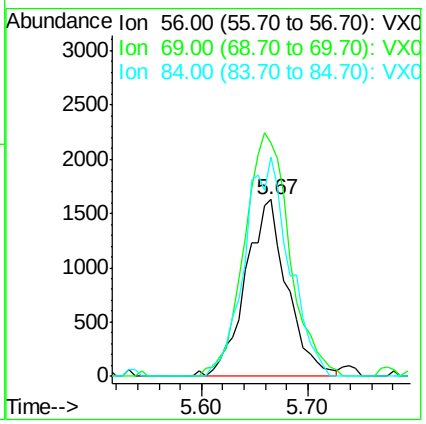


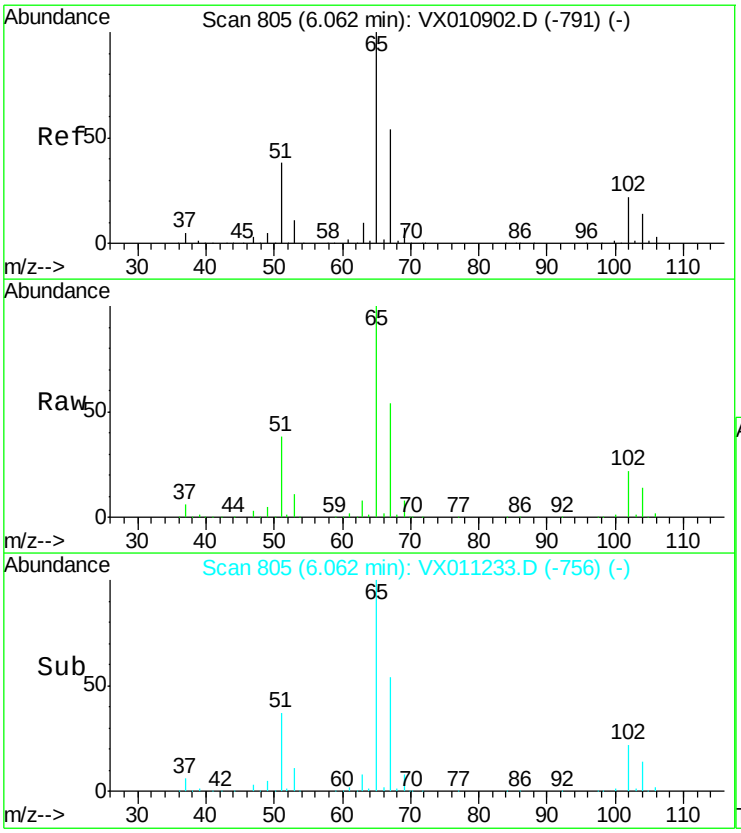
#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 56 Resp: 4486

Ion	Ratio	Lower	Upper
56	100		
69	132.6	25.8	38.8#
84	136.1	73.8	110.6#

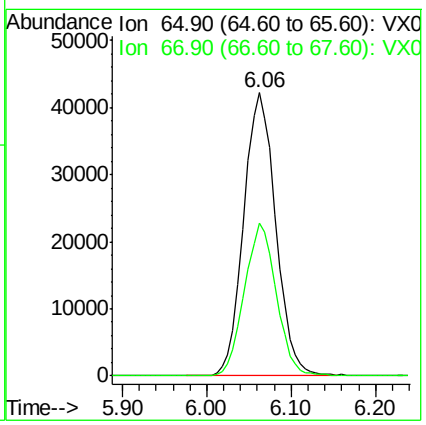


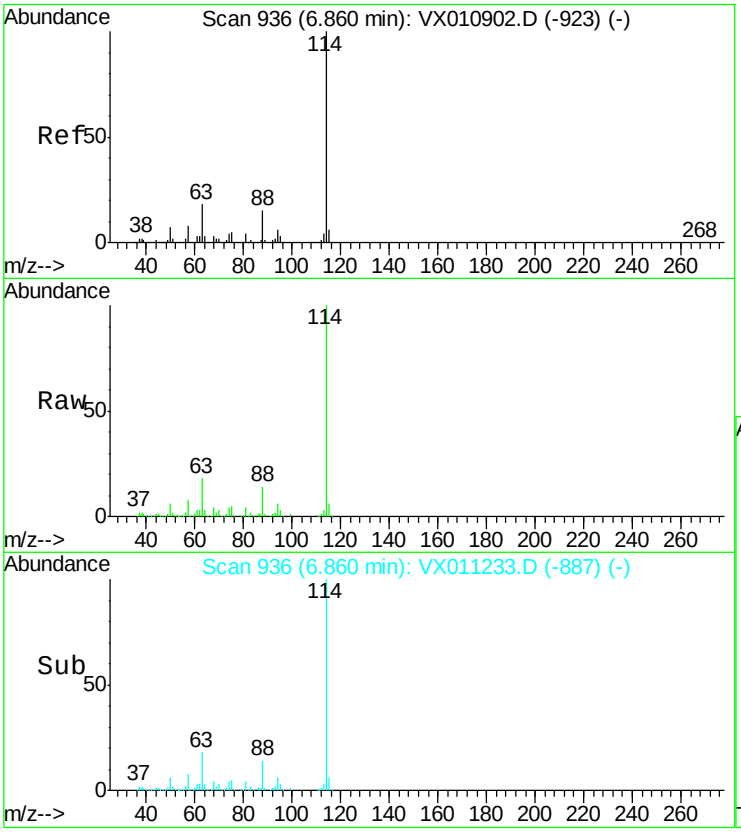


#33
1,2-Dichloroethane-d4
Concen: 46.661 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 65 Resp: 108657

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8



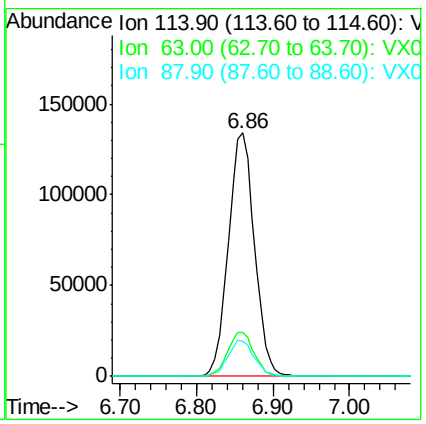


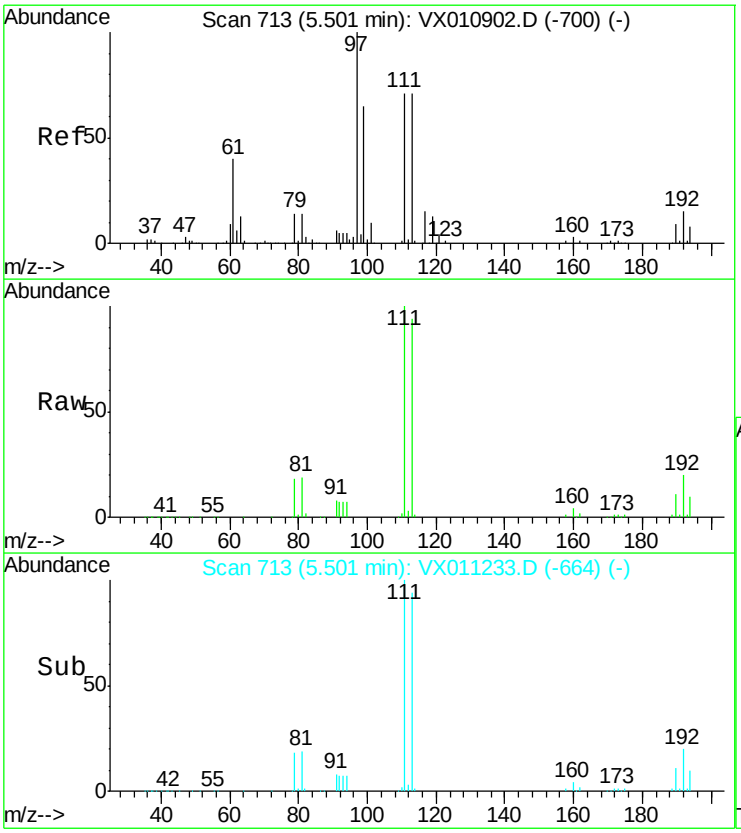
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion:114 Resp: 316314

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.3	0.0	29.8

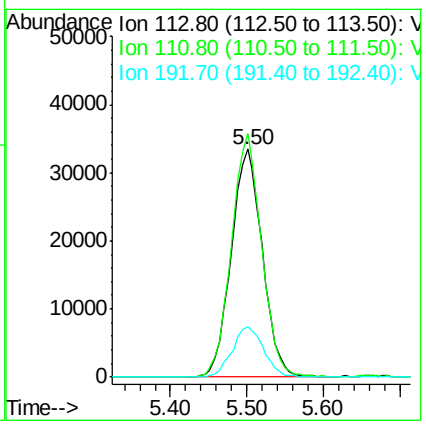


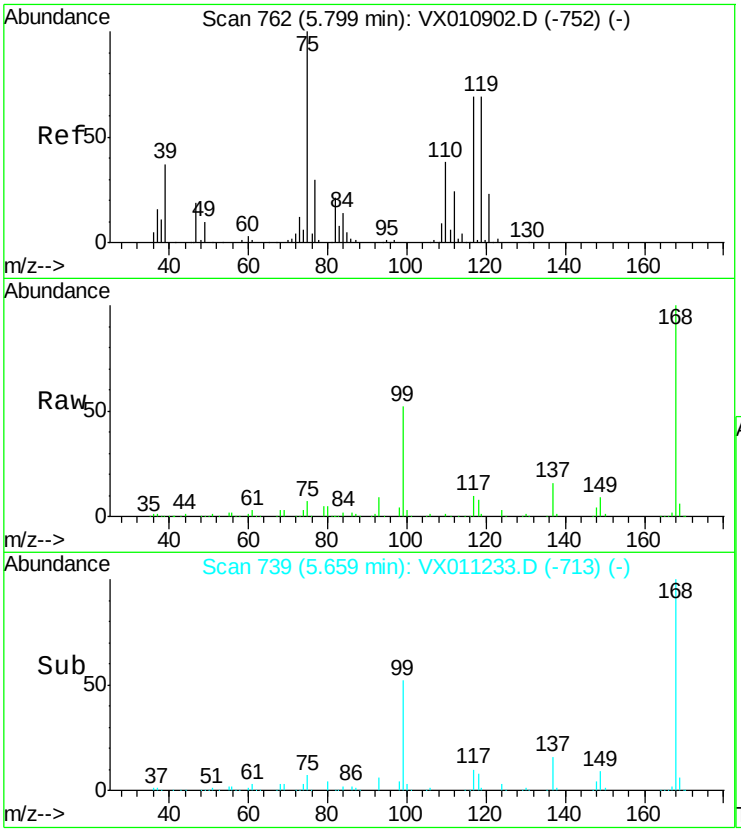


#35
Dibromofluoromethane
Concen: 47.018 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion:113 Resp: 94399

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	22.3	17.4	26.2



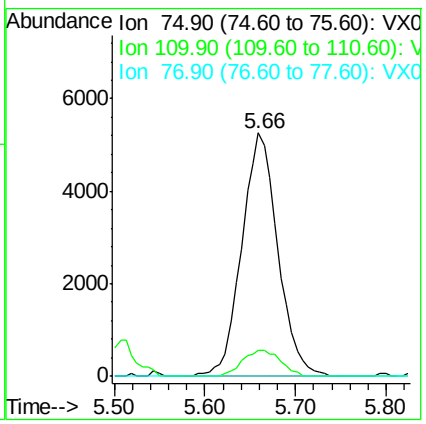


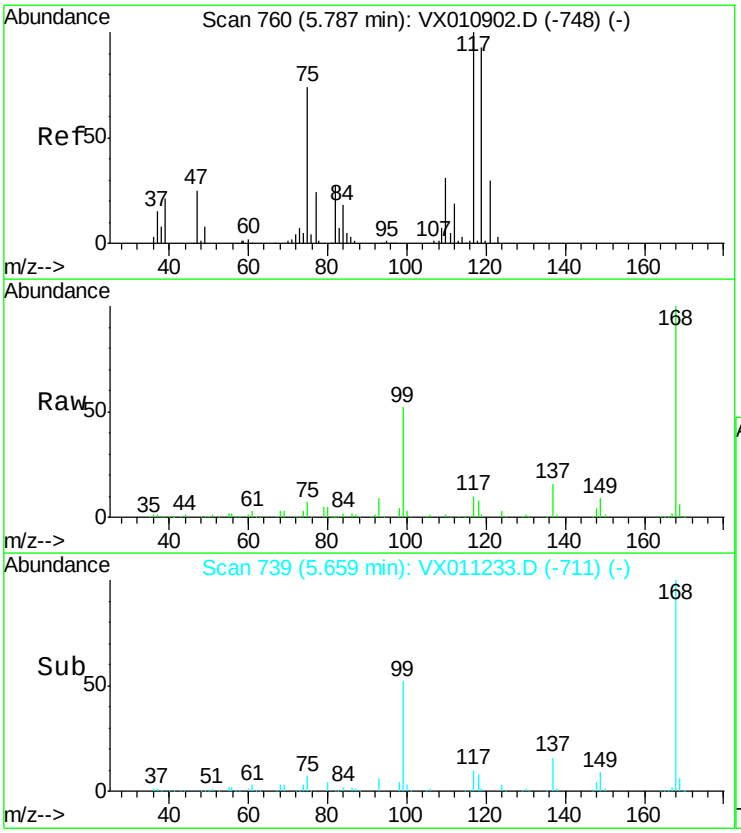
#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 75 Resp: 14470

Ion	Ratio	Lower	Upper
75	100		
110	11.2	19.9	59.7#
77	0.0	25.0	37.4#

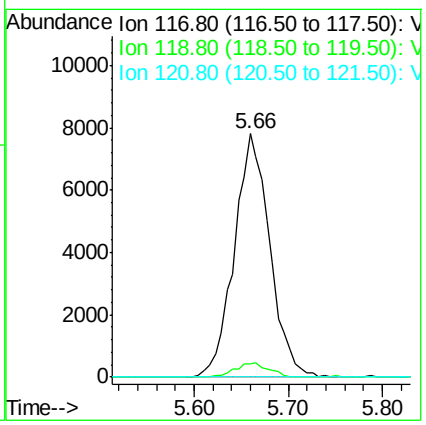


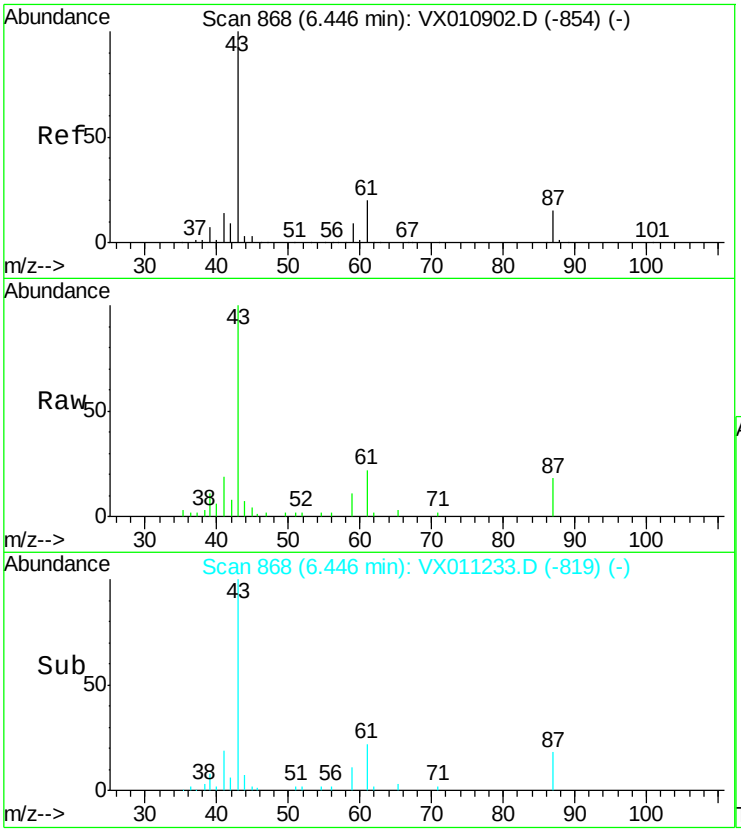


#38
Carbon Tetrachloride
Concen: 7.578 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion:117 Resp: 20517

Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.2	111.2#
121	0.0	24.2	36.2#



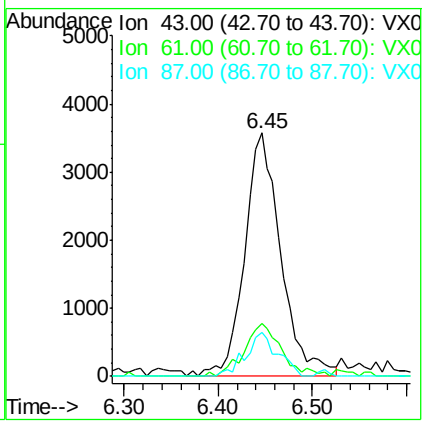


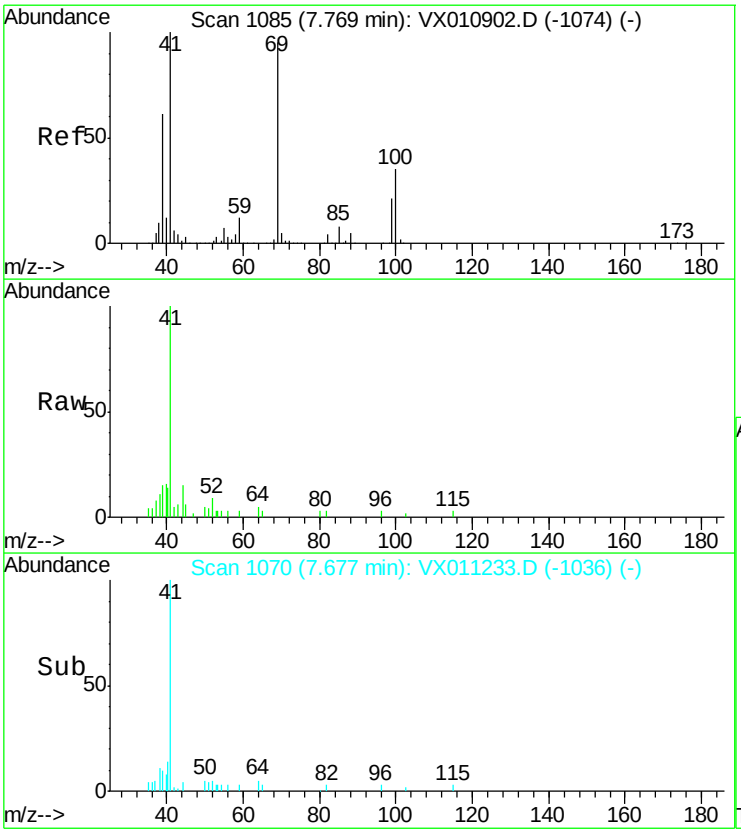
#43
Isopropyl Acetate
Concen: 2.211 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 43 Resp: 9672

Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.1	25.7
87	15.8	12.0	18.0

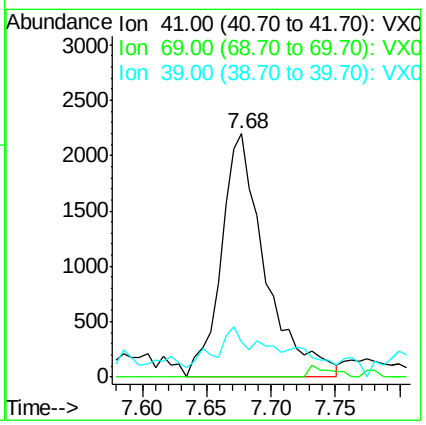


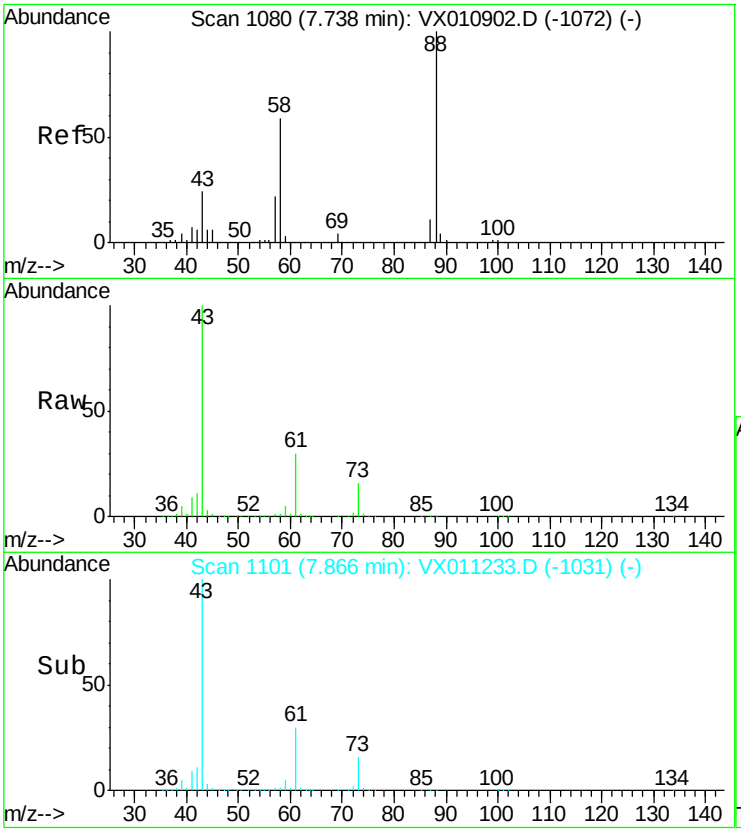


#48
Methyl methacrylate
Concen: 2.443 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 41 Resp: 5206

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#



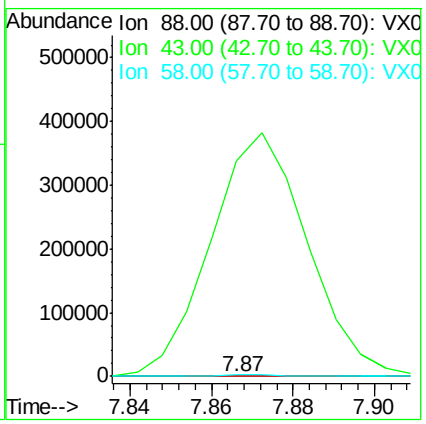


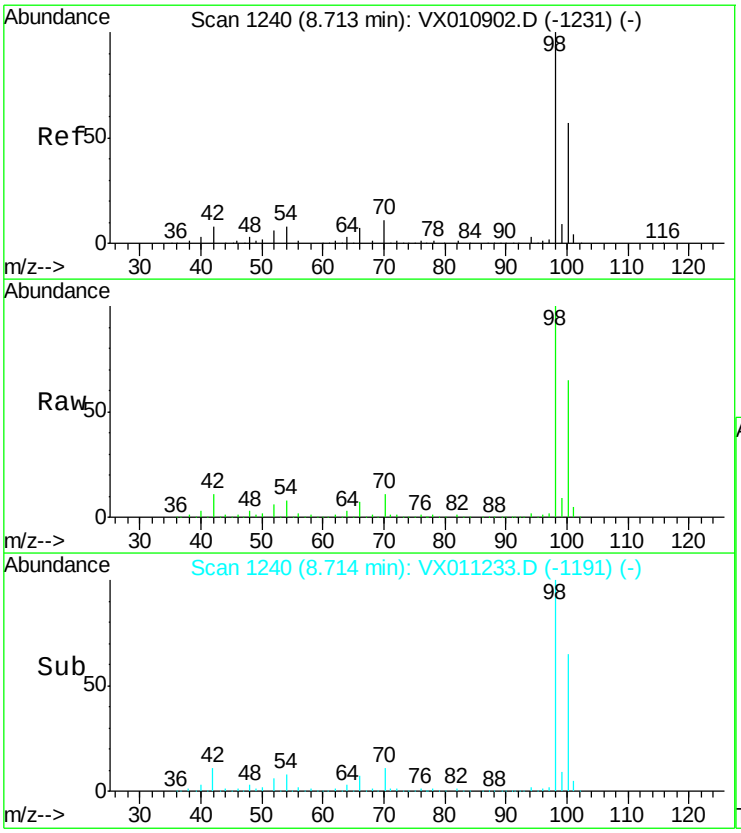
#49
1,4-Dioxane
Concen: 2.130 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 88 Resp: 127

Ion	Ratio	Lower	Upper
88	100		
43	501712.6	22.9	34.3#
58	2548.0	49.8	74.8#

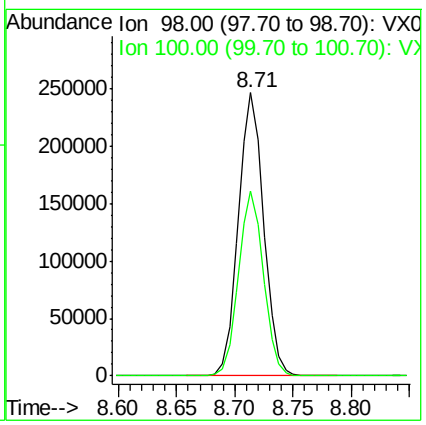


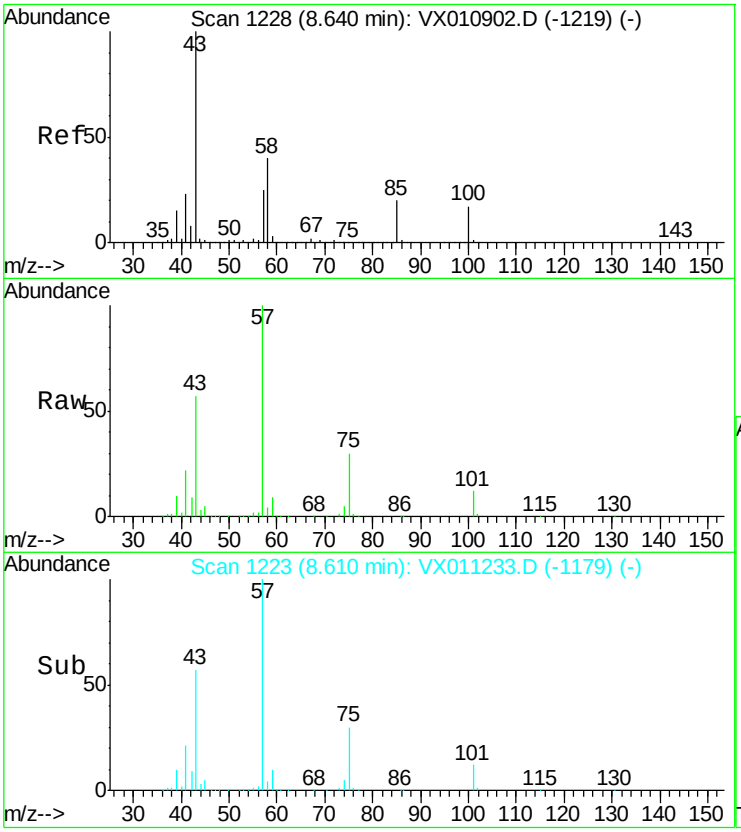


#50
Toluene-d8
Concen: 49.817 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 98 Resp: 375129

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8



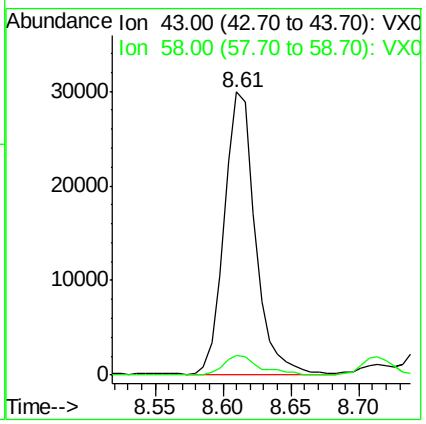


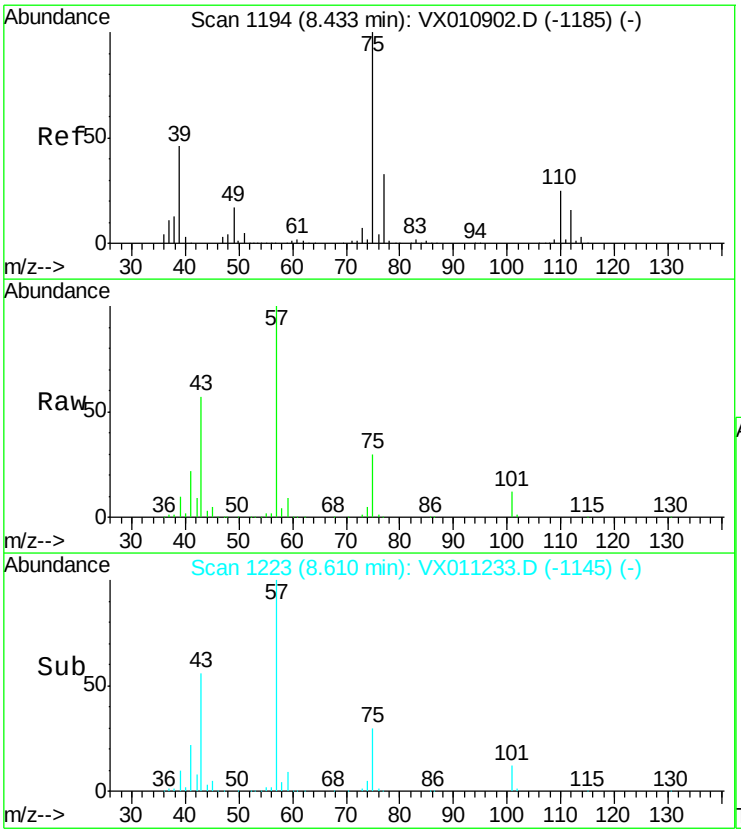
#51
4-Methyl-2-Pentanone
Concen: 16.636 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 43 Resp: 47176

Ion	Ratio	Lower	Upper
43	100		
58	8.4	32.2	48.4#

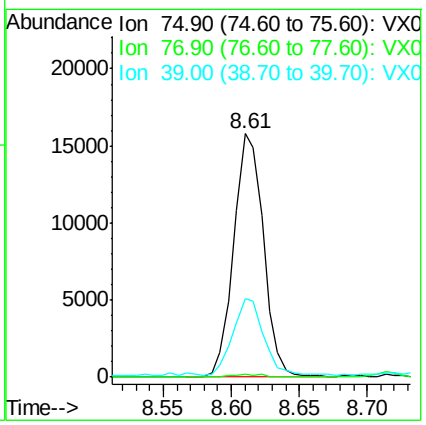


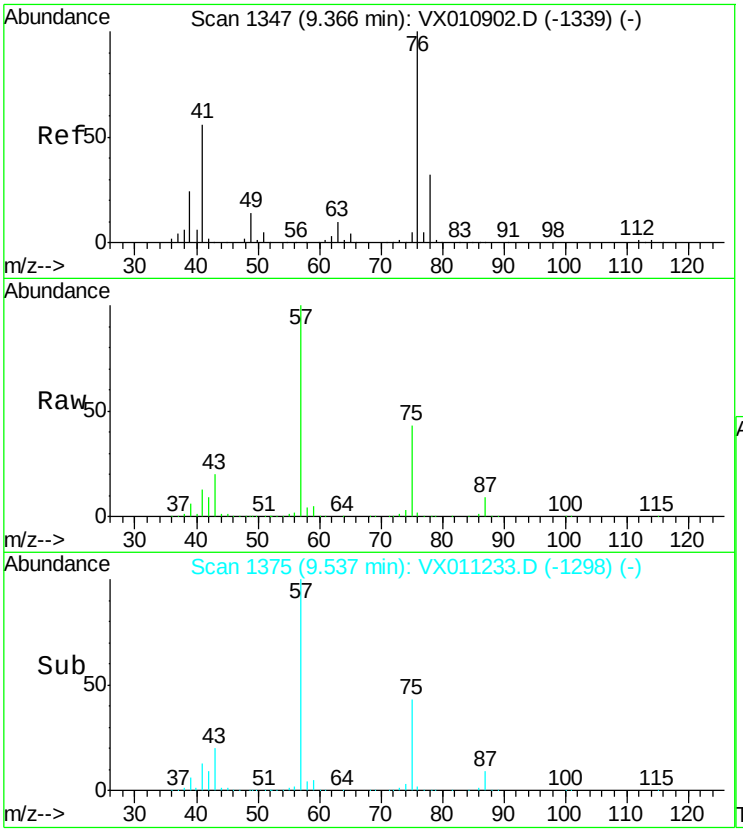


#54
cis-1,3-Dichloropropene
Concen: 7.808 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 75 Resp: 24070

Ion	Ratio	Lower	Upper
75	100		
77	1.1	26.1	39.1#
39	31.5	36.6	54.8#



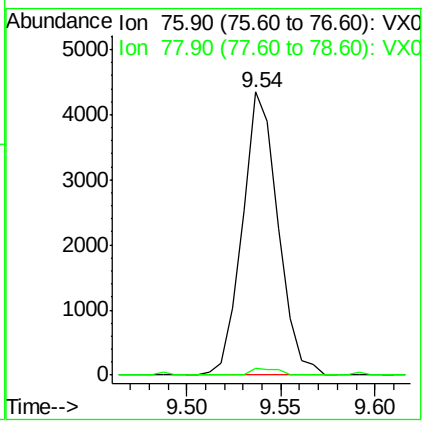


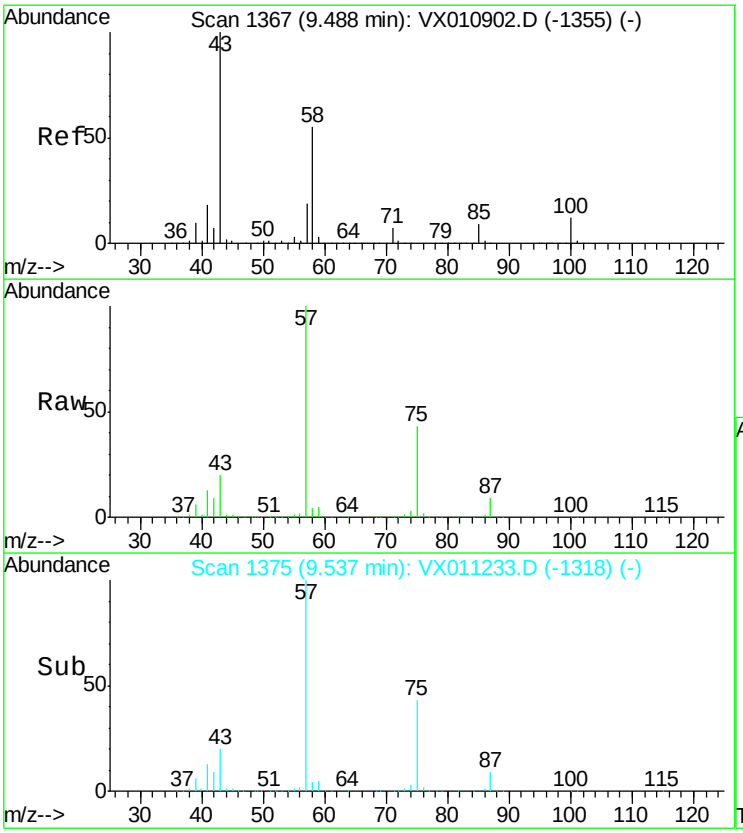
#57
1,3-Dichloropropane
Concen: 1.664 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 76 Resp: 5682

Ion	Ratio	Lower	Upper
76	100		
78	1.8	25.6	38.4#

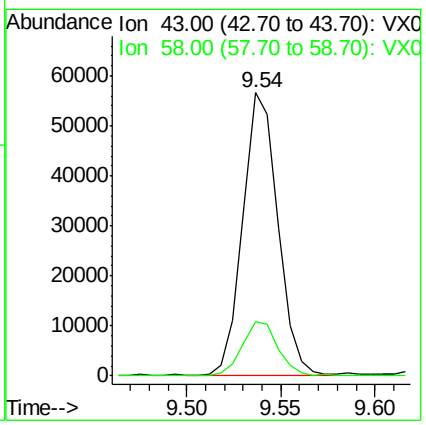


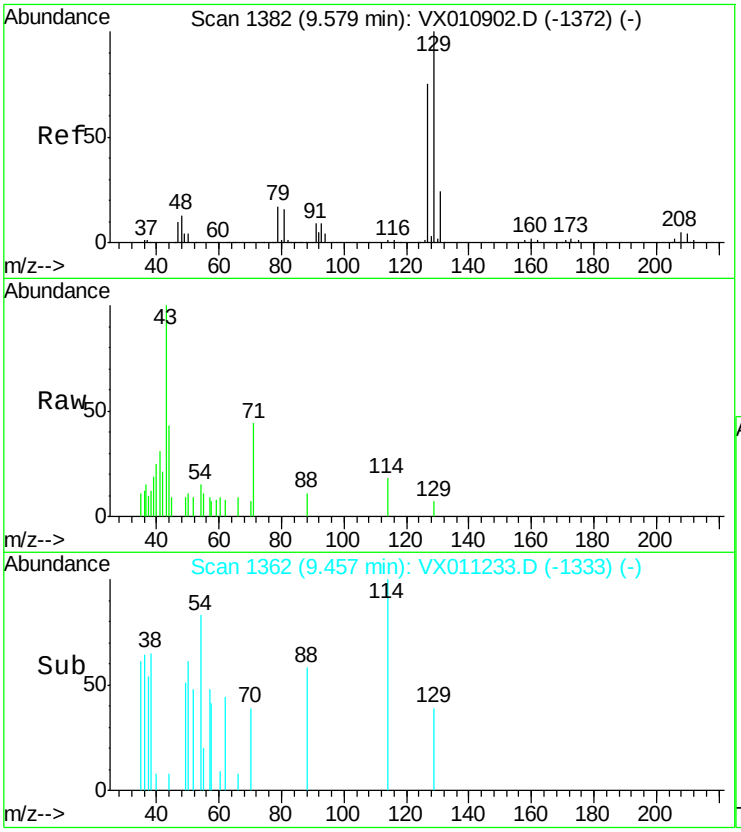


#59
2-Hexanone
Concen: 33.213 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 43 Resp: 73052

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.0	83.9#



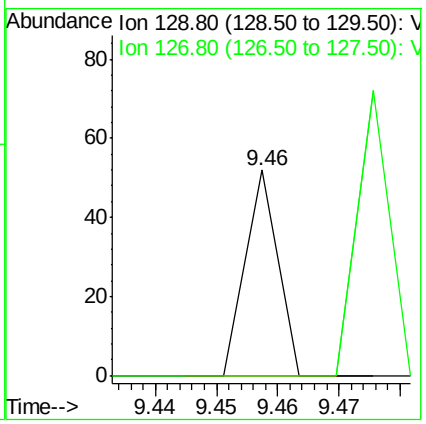


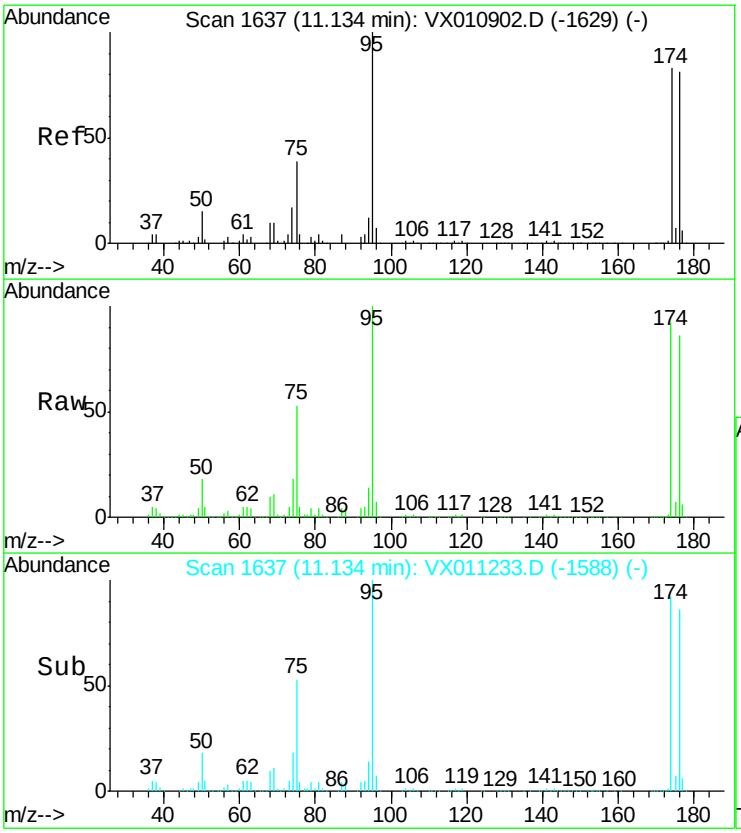
#60
Dibromochloromethane
Concen: 2.535 ug/l
RT: 9.46 min Scan# 1362
Delta R.T. -0.12 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument : MSVOA_X
ClientSampleId : OR-03-072919-A

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	136.8	38.6	115.8#

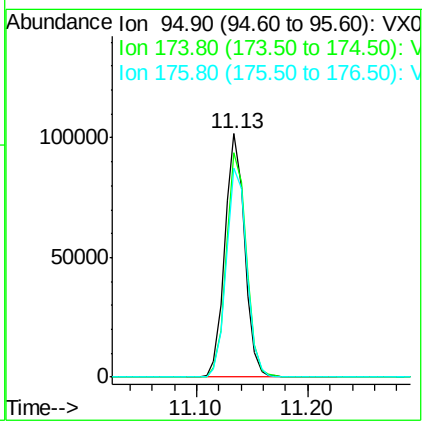


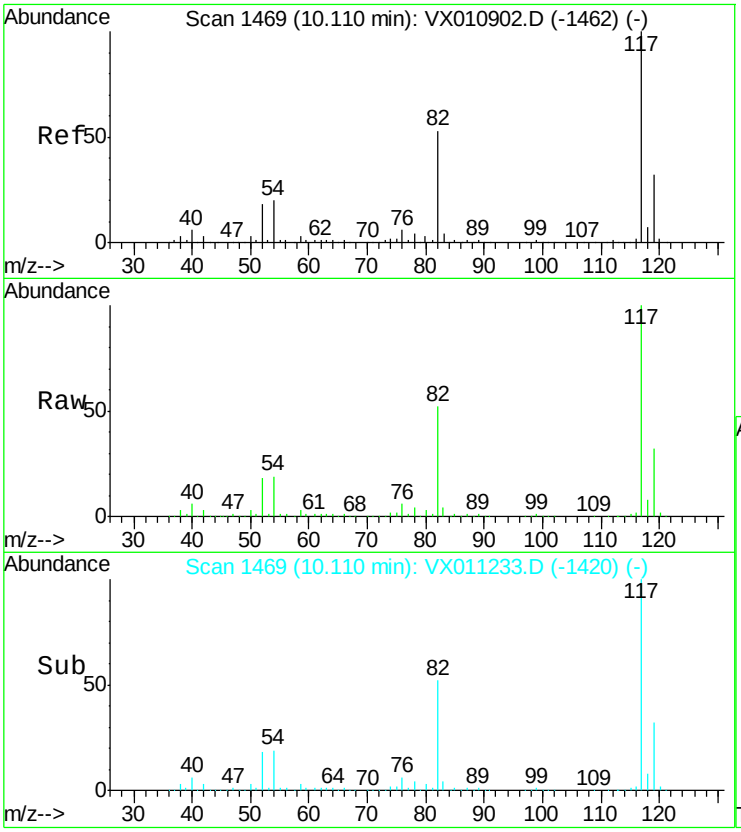


#62
4-Bromofluorobenzene
Concen: 45.163 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 95 Resp: 125006

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	180.6
176	88.7	0.0	173.8



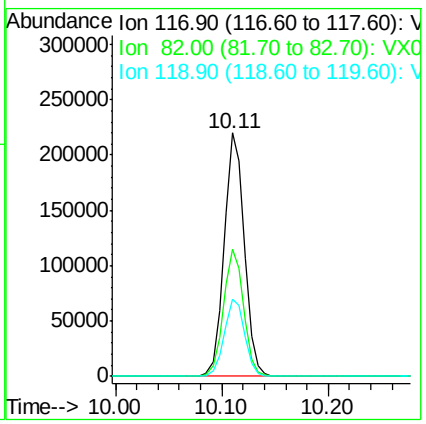


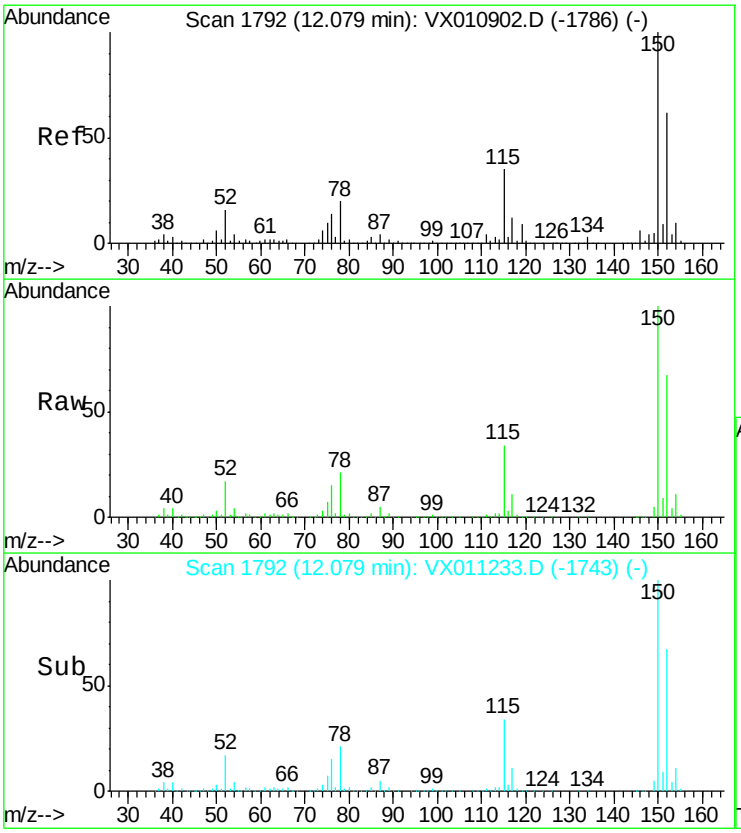
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion:117 Resp: 291731

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	31.9	25.9	38.9

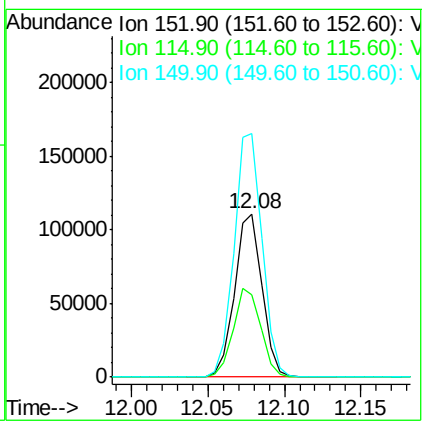


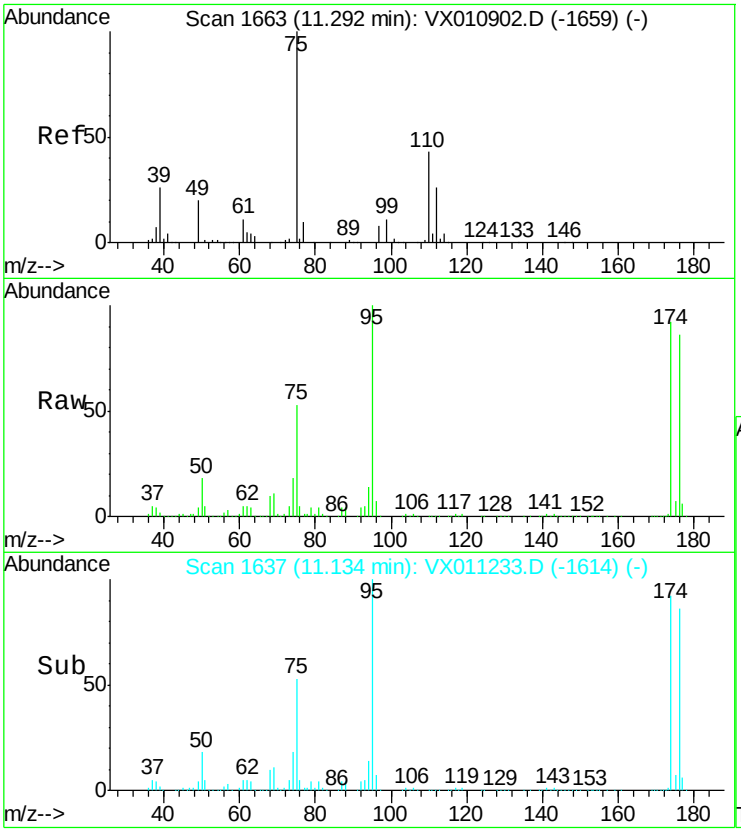


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion:152 Resp: 137093

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.7	119.1
150	152.8	0.0	345.6



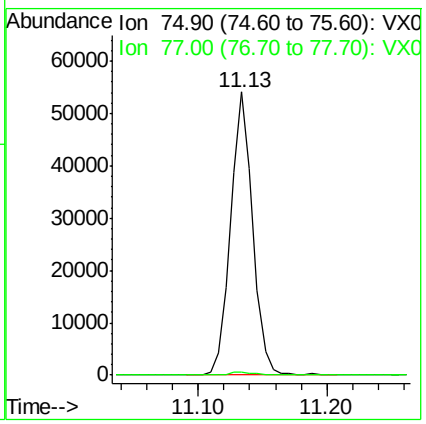


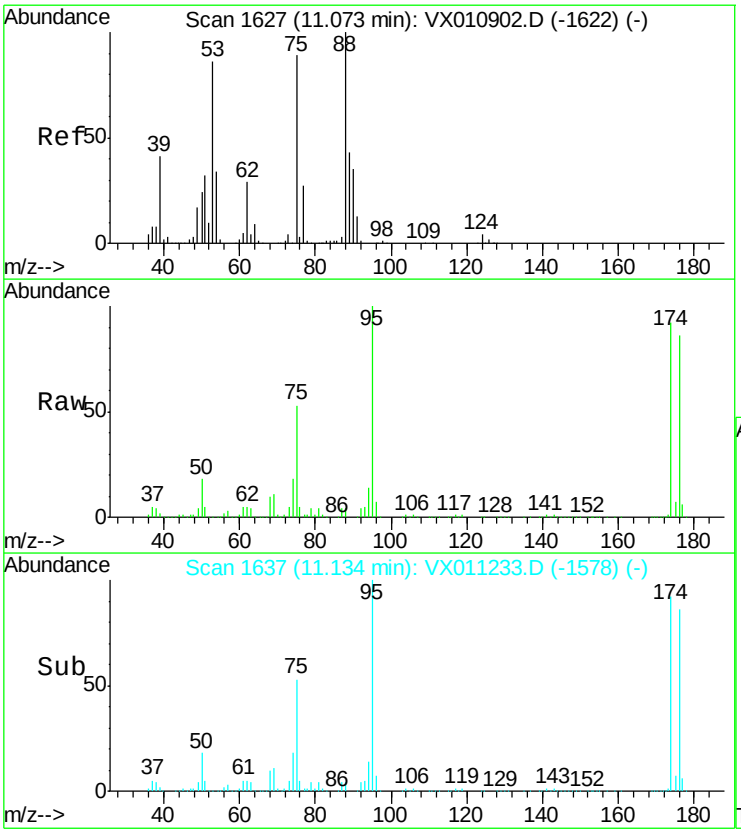
#76
1,2,3-Trichloropropane
Concen: 26.116 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 75 Resp: 64609

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#

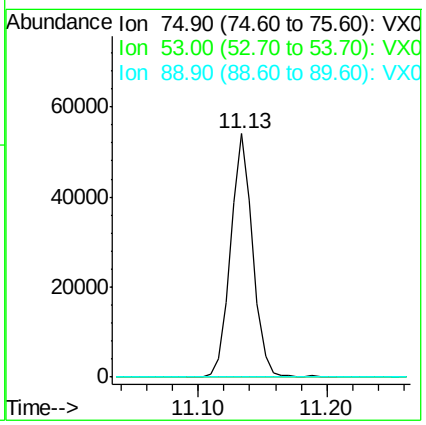


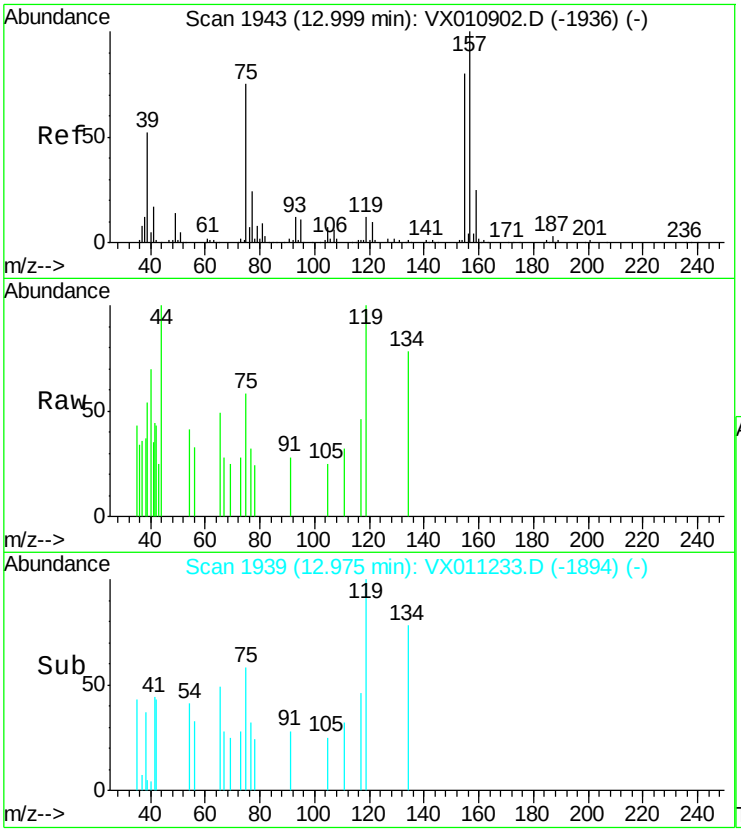


#81
trans-1,4-Dichloro-2-butene
Concen: 64.880 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 75 Resp: 64609

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.1	38.5	57.7#



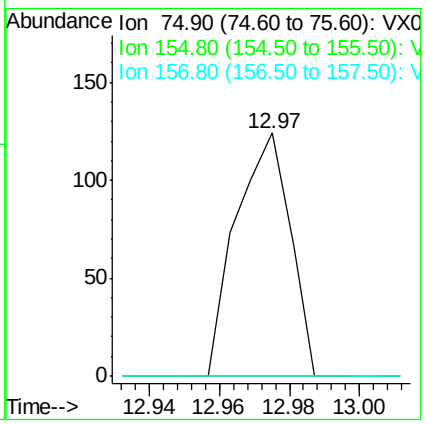


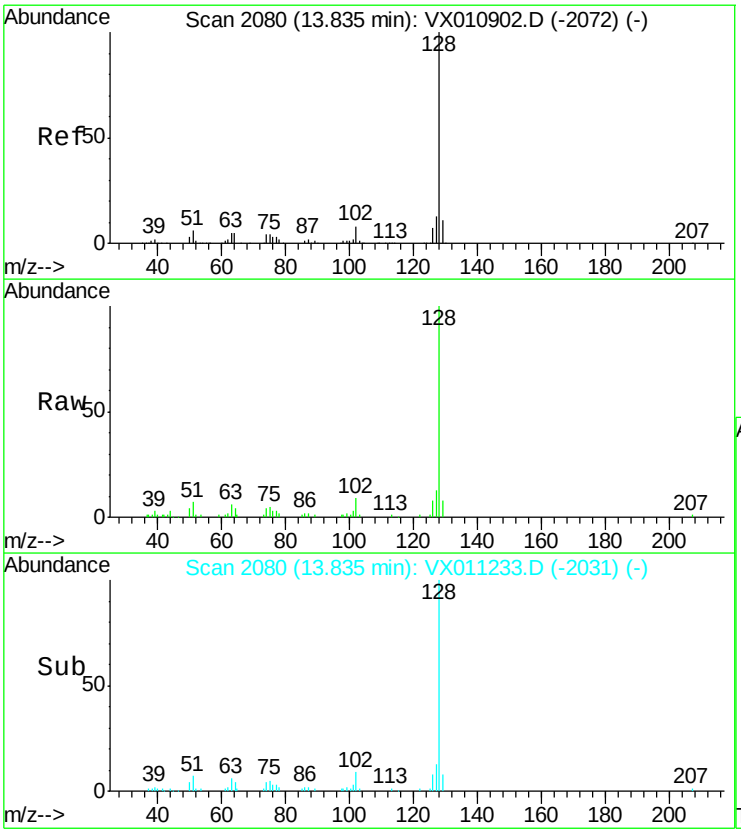
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.210 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tgt Ion: 75 Resp: 133

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.7	146.1#
157	0.0	62.5	187.6#





#95
Naphthalene
Concen: 1.957 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion:128 Resp: 17213

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	8.9	8.9	13.3#