Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005013.D
Acq On : 04 Oct 2018 11:48
Operator : JC/MD
Sample : PB113446ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 04 14:36:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181285	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	5.51	113	154635	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.42%			
50) Toluene-d8	8.72	98	583266	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.44%			
62) 4-Bromofluorobenzene	11.14	95	211826	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.26%			
Target Compounds						Qvalue
6) Chloroethane	1.72	64	69	Below Cal	#	80
11) Tert butyl alcohol	3.03	59	5041	5.083	ug/l #	82
13) Acrolein	2.30	56	150	0.213	ug/l #	70
16) Acetone	2.45	43	28700	13.860	ug/l	96
18) Methyl Acetate	2.78	43	11354	2.164	ug/l	100
20) Methylene Chloride	2.85	84	5929	1.149	ug/l	88
25) 2-Butanone	4.71	43	5091	1.668	ug/l	99
29) Tetrahydrofuran	5.17	42	1932	1.018	ug/l	94
31) Cyclohexane	5.66	56	4260	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16398	3.475	ug/l #	46
38) Carbon Tetrachloride	5.67	117	22097	4.454	ug/l #	18
43) Isopropyl Acetate	6.46	43	221325	24.479	ug/l	96
48) Methyl methacrylate	7.88	41	21508	5.241	ug/l #	44
49) 1,4-Dioxane	7.72	88	43	0.422	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2987	0.525	ug/l #	37
54) cis-1,3-Dichloropropene	8.62	75	1423	0.282	ug/l #	74
56) Ethyl methacrylate	9.41	69	498	2.943	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.15	63	20	14.248	ug/l #	49
59) 2-Hexanone	9.54	43	14404	3.036	ug/l #	54
68) m/p-Xylenes	10.36	106	1779	0.279	ug/l	98
70) Styrene	10.71	104	299	2.167	ug/l #	73
74) N-amyl acetate	10.90	43	97	1.760	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	102414	21.147	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	2366	Below Cal		99
81) trans-1,4-Dichloro-2-buten	11.14	75	102414	57.371	ug/l #	10
95) Naphthalene	13.83	128	102033	6.315	ug/l	99

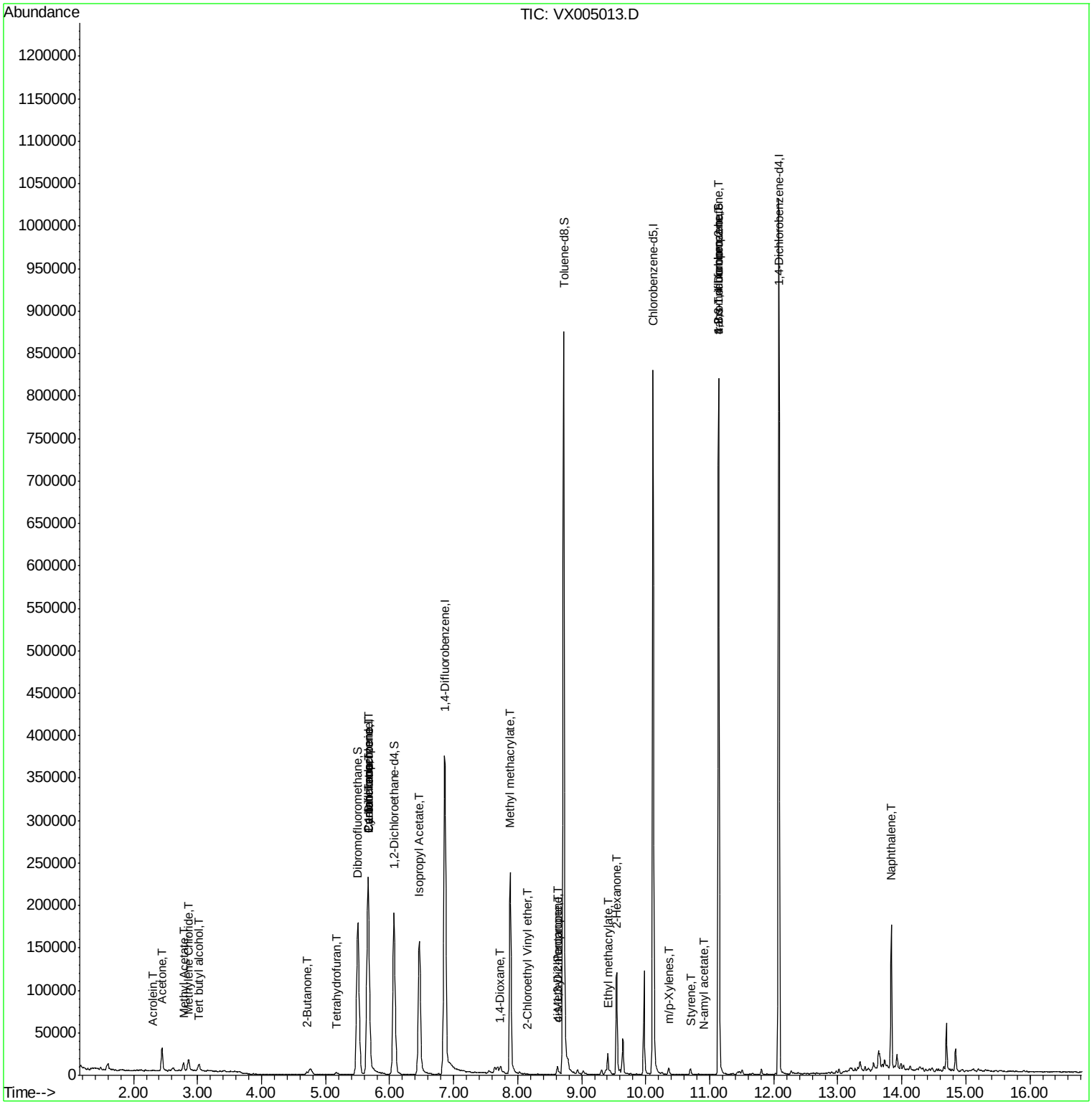
(#) = qualifier out of range (m) = manual integration (+) = signals summed

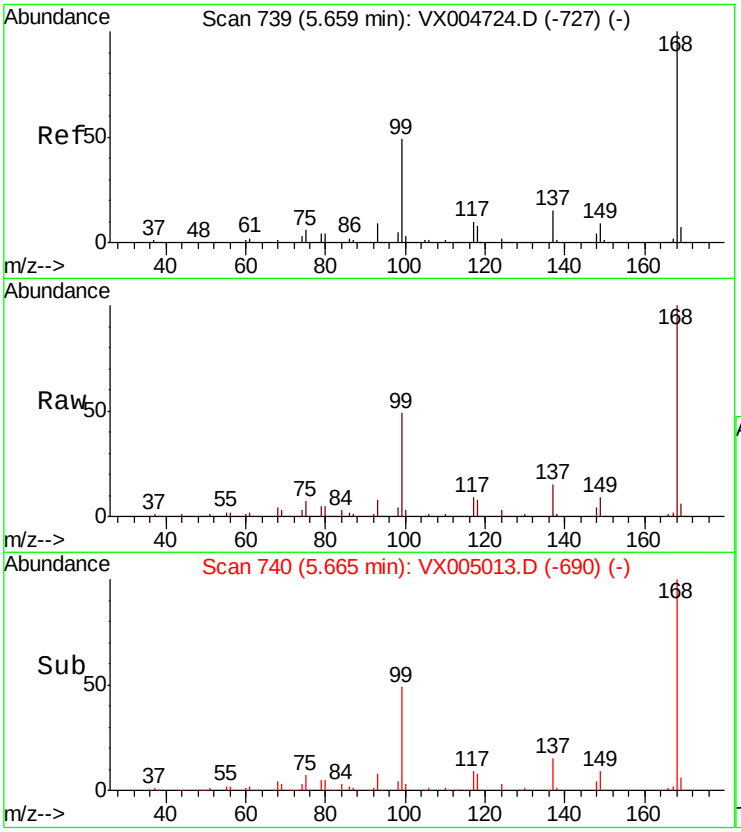
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005013.D
Acq On : 04 Oct 2018 11:48
Operator : JC/MD
Sample : PB113446ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 04 14:36:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



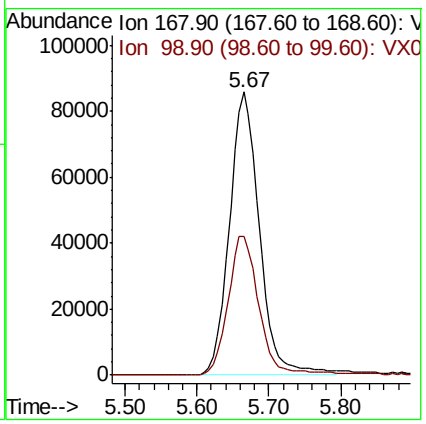


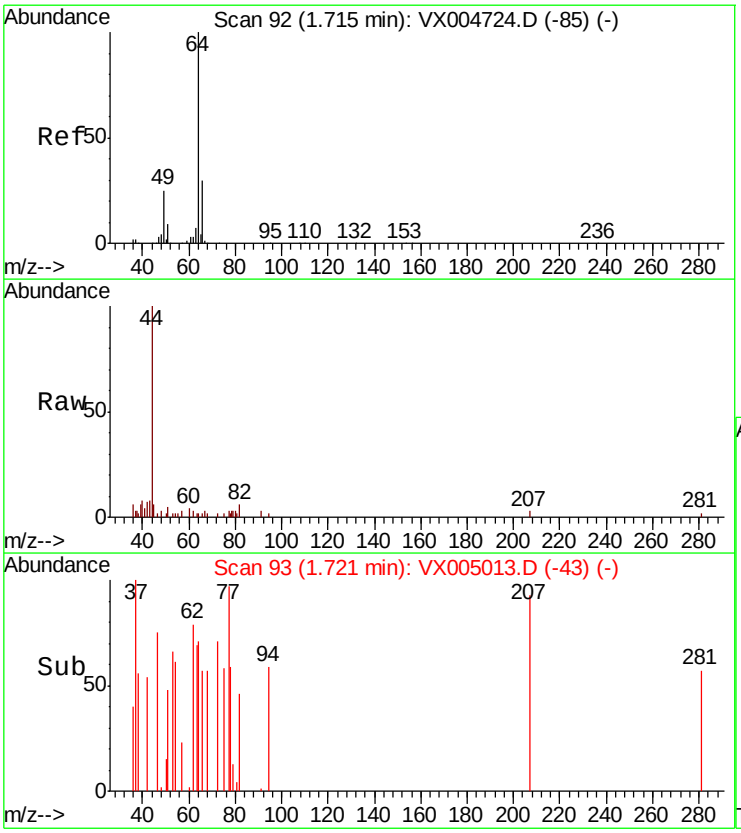
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 248291

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

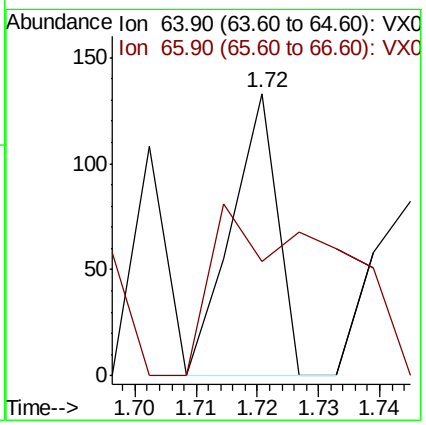


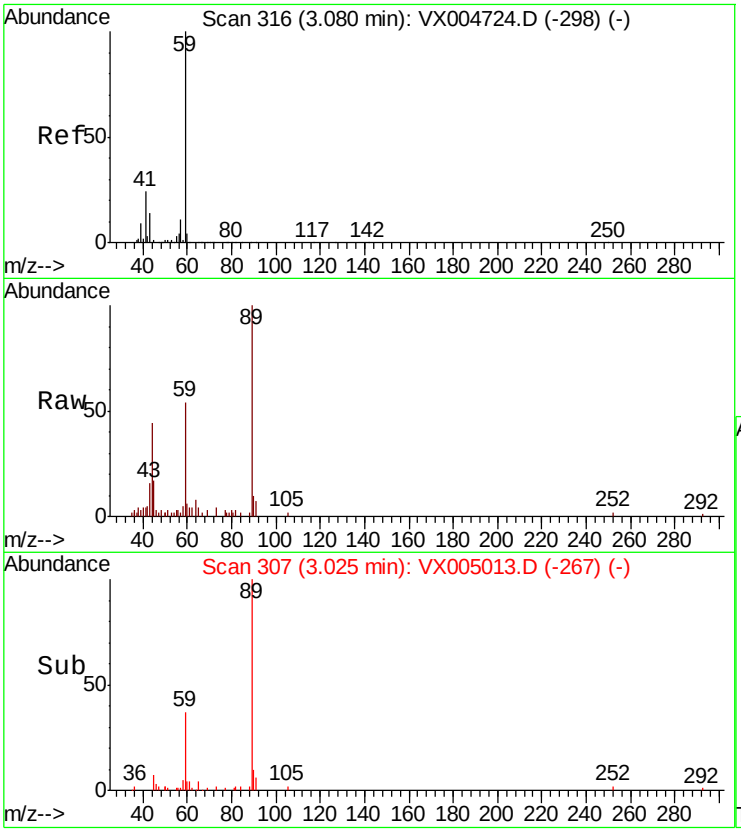


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 64 Resp: 69

Ion	Ratio	Lower	Upper
64	100		
66	40.6	23.8	35.6#



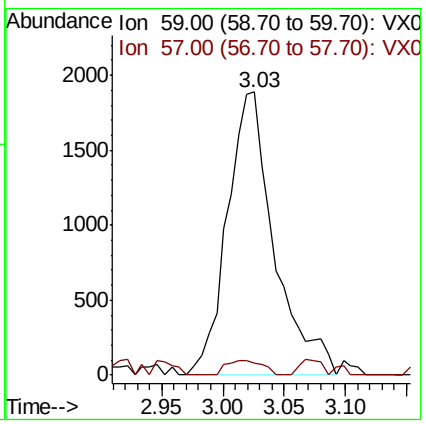


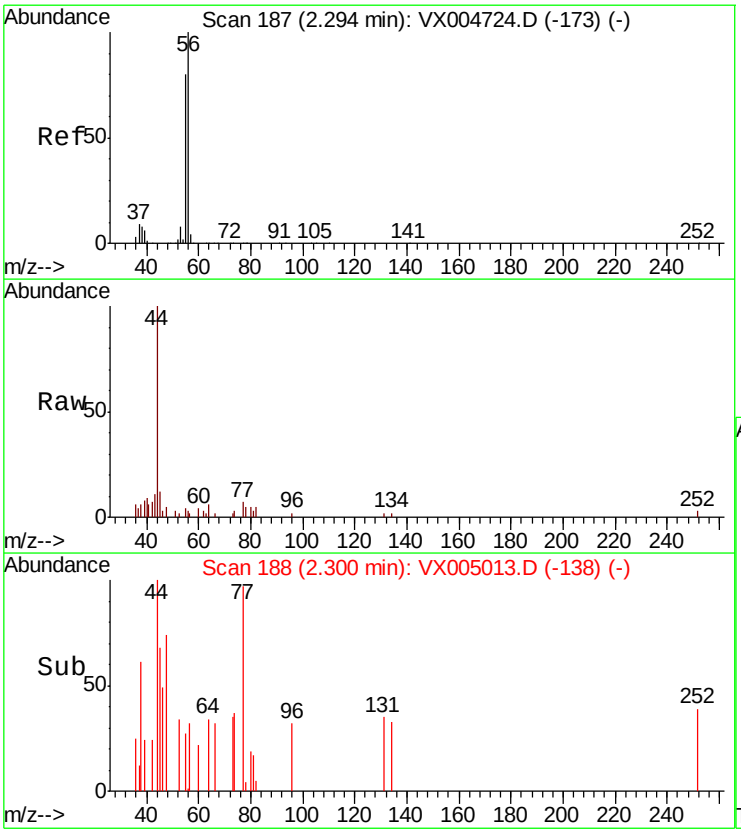
#11
Tert butyl alcohol
Concen: 5.083 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 5041

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.6	12.8#

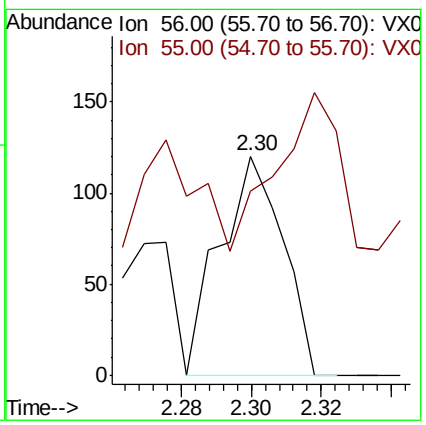


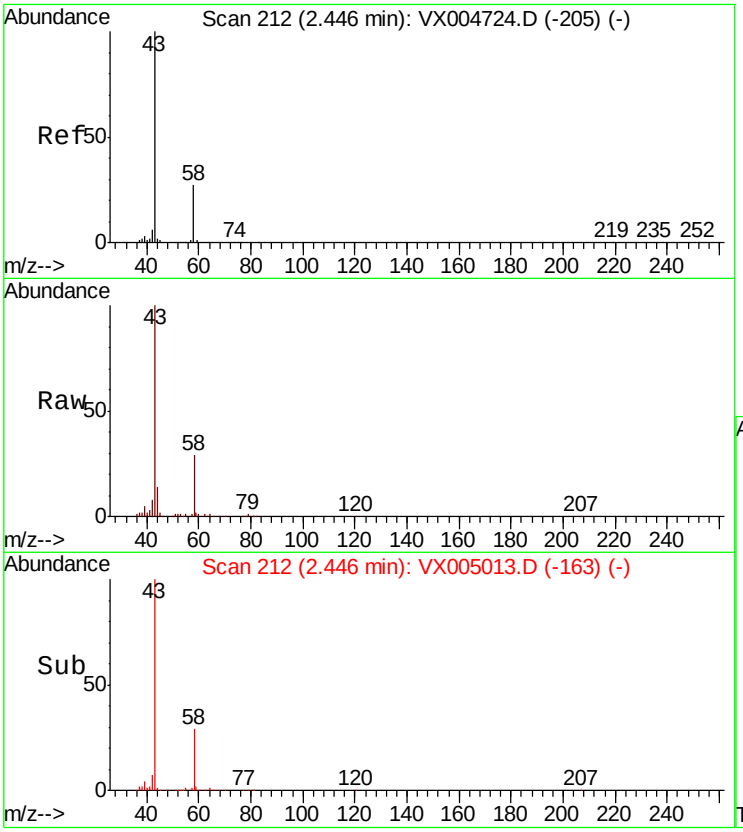


#13
Acrolein
Concen: 0.213 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 56 Resp: 150

Ion	Ratio	Lower	Upper
56	100		
55	105.3	63.4	95.2#



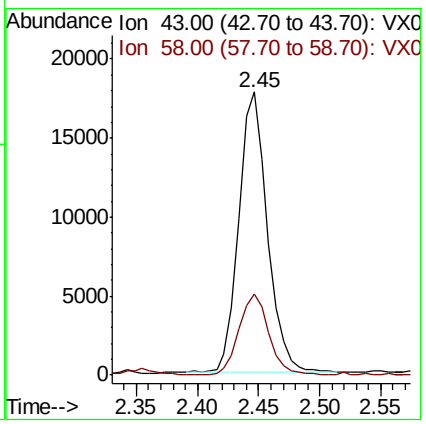


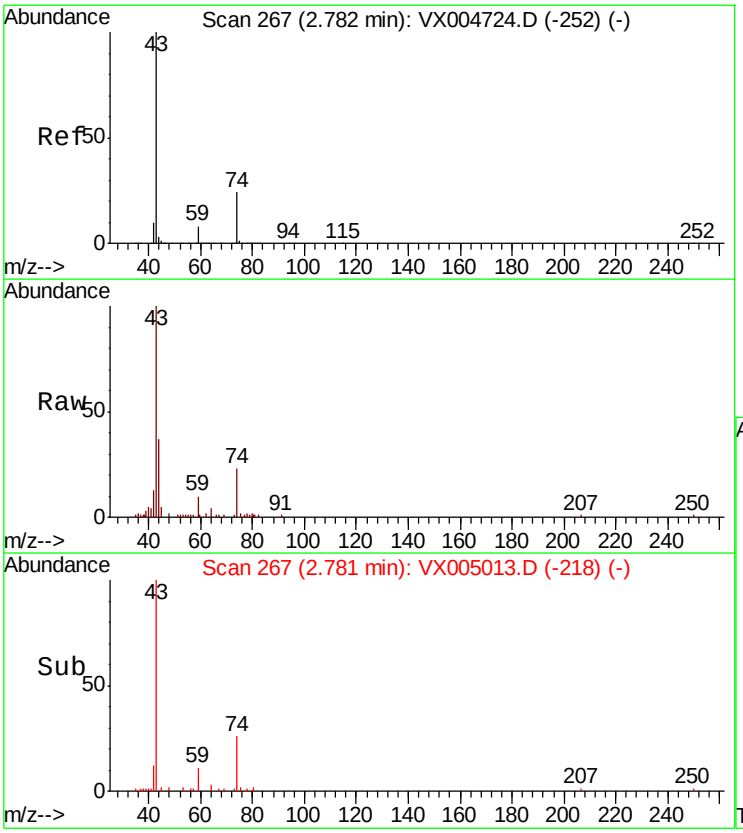
#16
Acetone
Concen: 13.860 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 28700

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.8	32.6

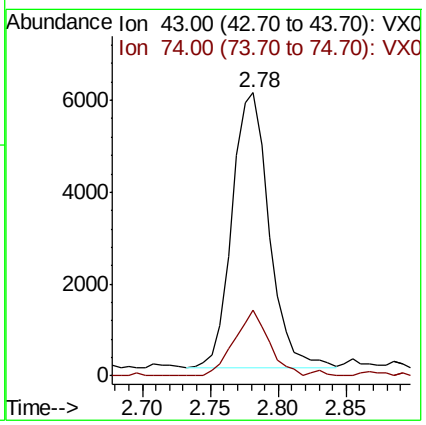


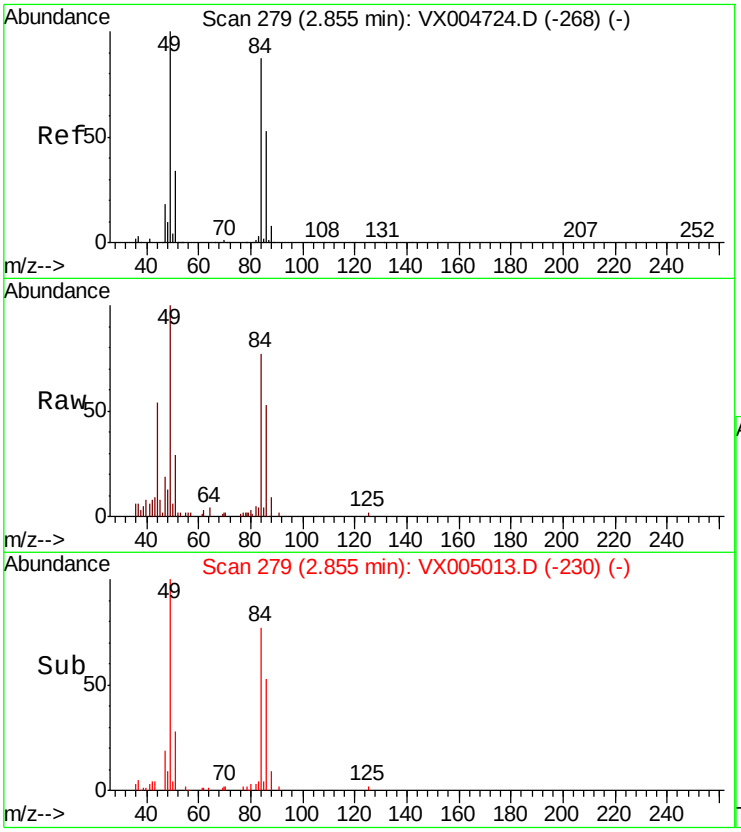


#18
Methyl Acetate
Concen: 2.164 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 11354

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.8	26.8



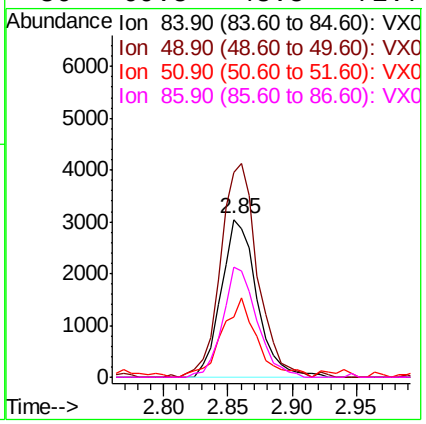


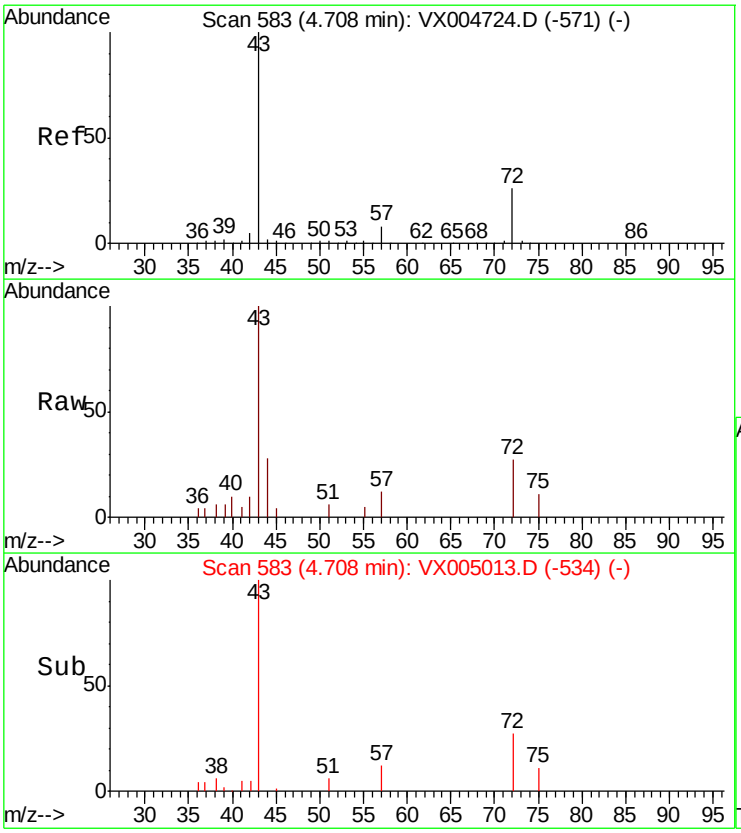
#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 5929

Ion	Ratio	Lower	Upper
84	100		
49	130.2	92.3	138.5
51	36.1	31.8	47.6
86	69.5	48.5	72.7

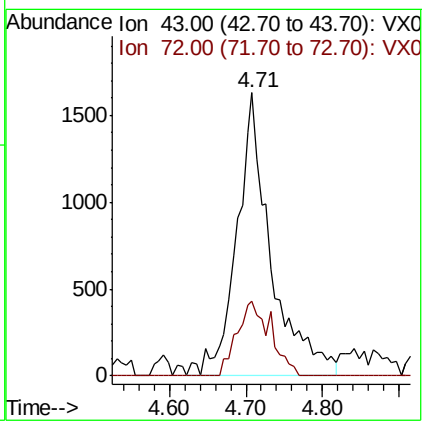


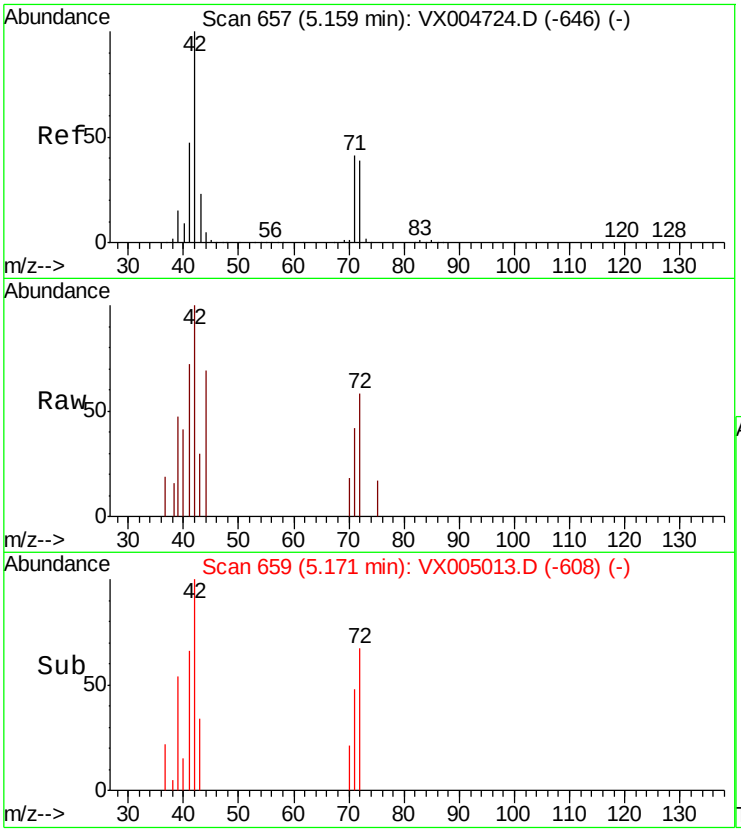


#25
2-Butanone
Concen: 1.668 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 5091

Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.8	31.2



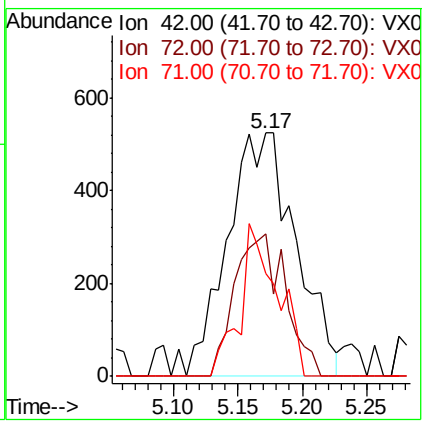


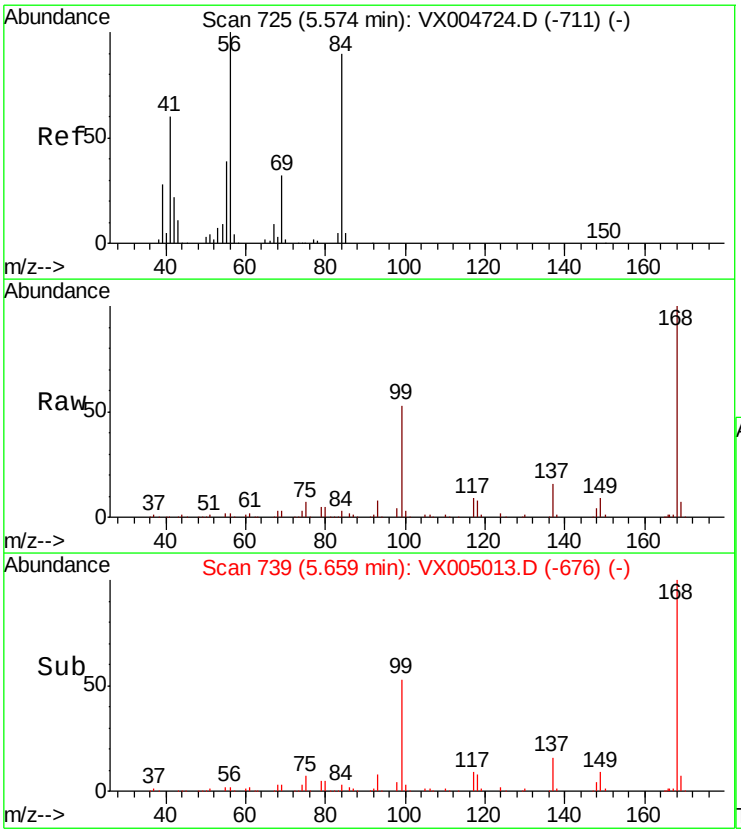
#29
Tetrahydrofuran
Concen: 1.018 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1932

Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.7	50.5
71	34.3	32.2	48.4

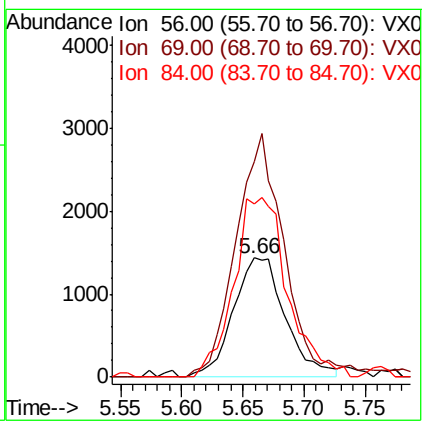


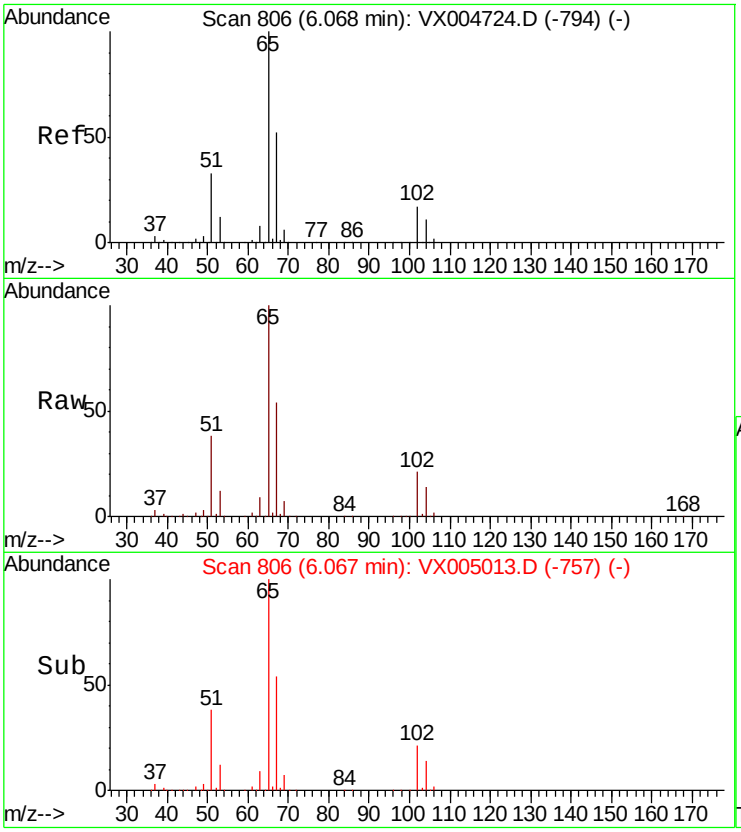


#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 56 Resp: 4260

Ion	Ratio	Lower	Upper
56	100		
69	181.3	25.9	38.9#
84	145.3	71.9	107.9#



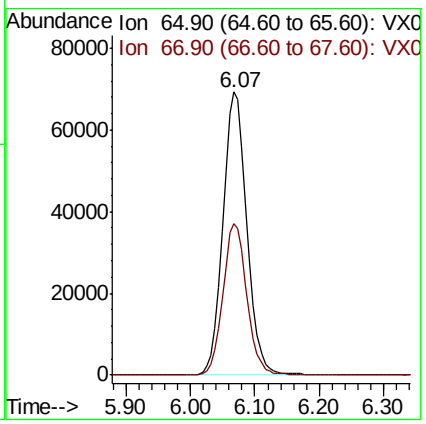


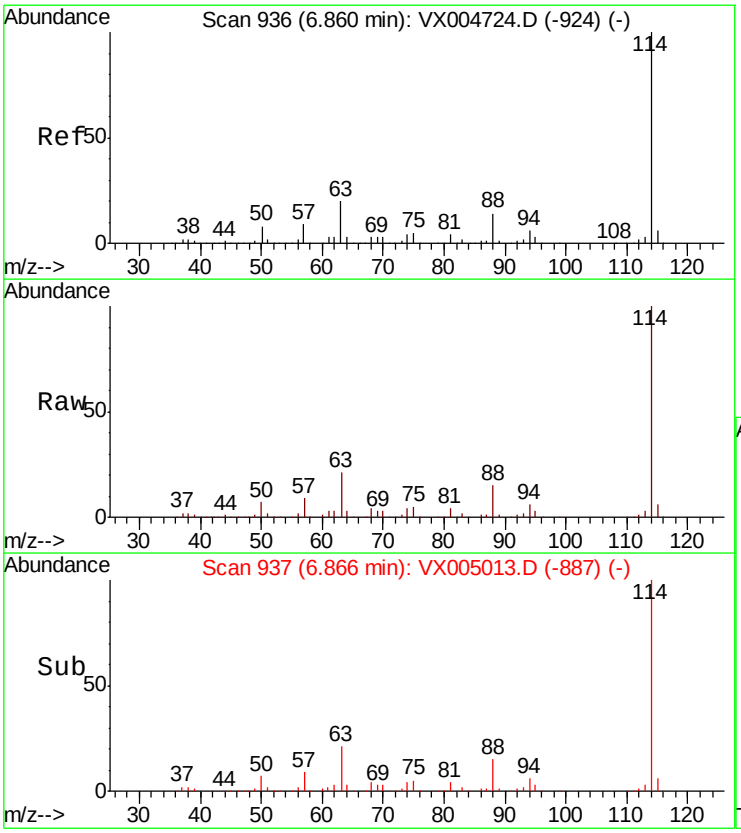
#33
1,2-Dichloroethane-d4
Concen: 51.112 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 181285

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4

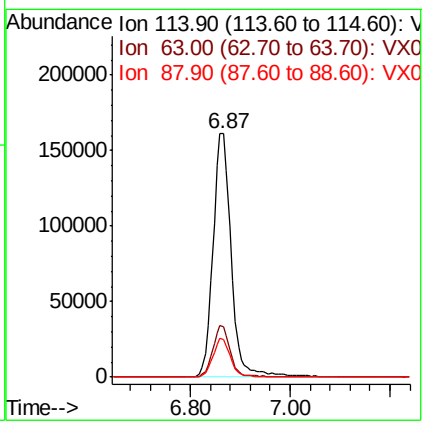


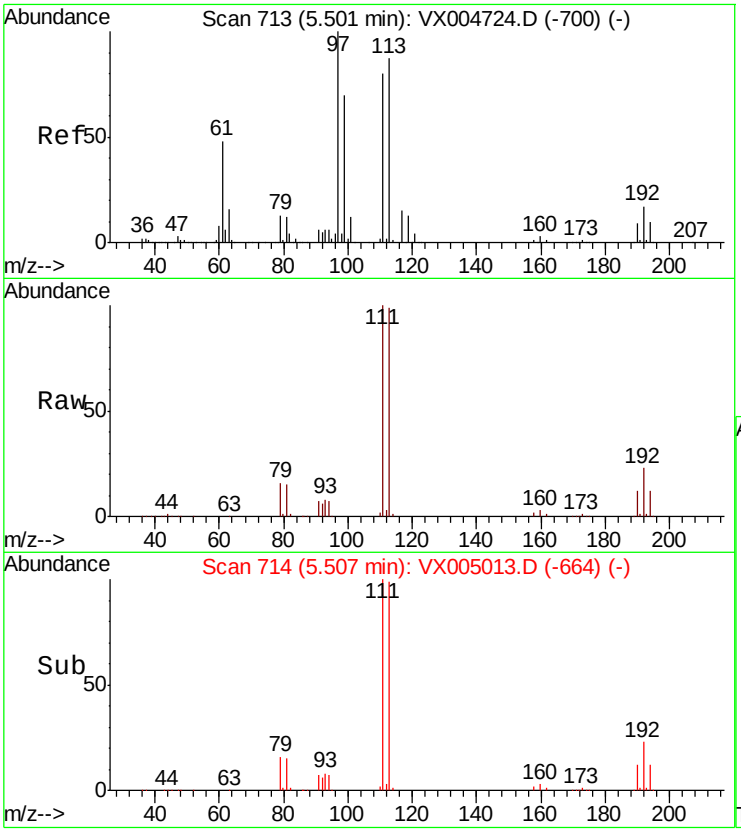


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion:114 Resp: 408123

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	15.3	0.0	27.0



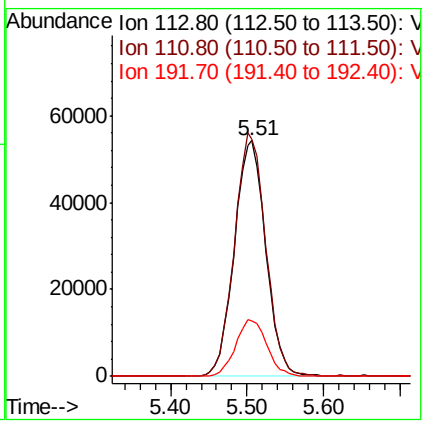


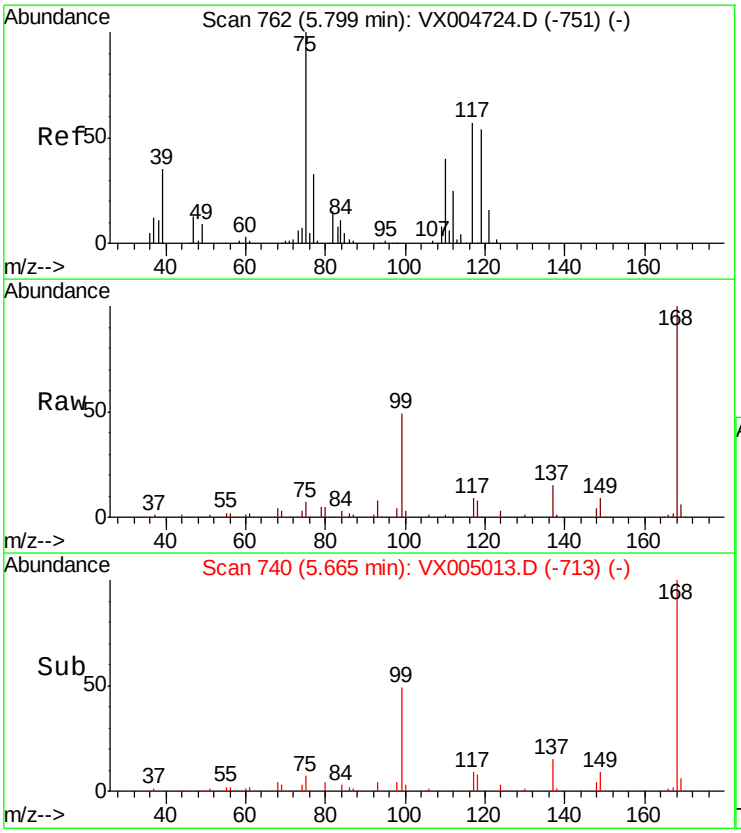
#35
Dibromofluoromethane
Concen: 44.706 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 154635

Ion	Ratio	Lower	Upper
113	100		
111	102.5	77.0	115.4
192	23.7	17.0	25.6

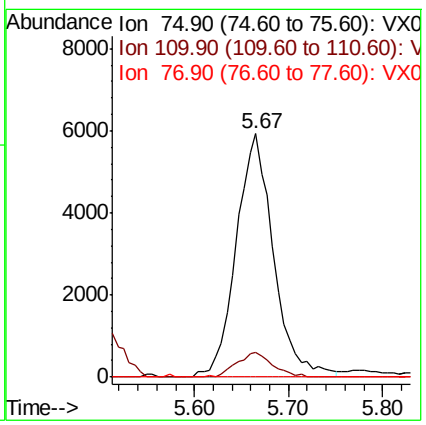


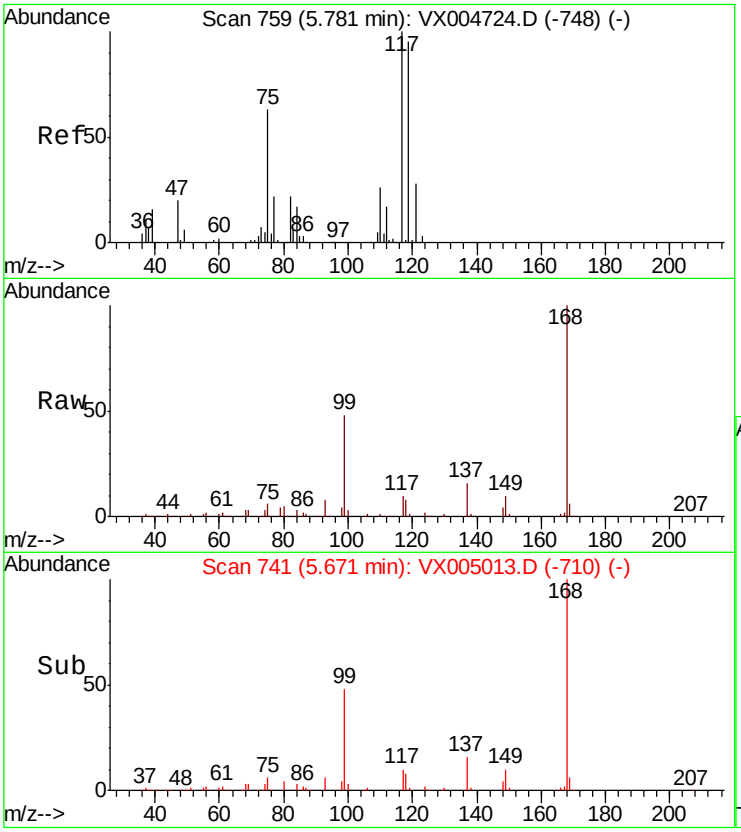


#36
1,1-Dichloropropene
Concen: 3.475 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 75 Resp: 16398

Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.0	59.9#
77	0.0	27.1	40.7#



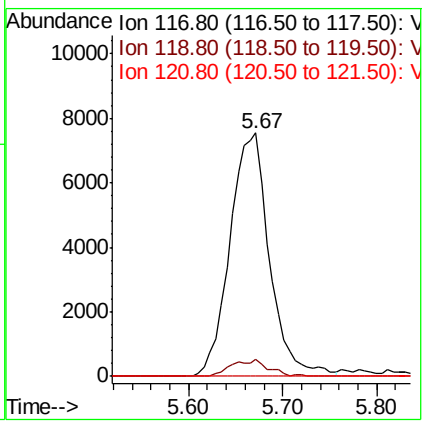


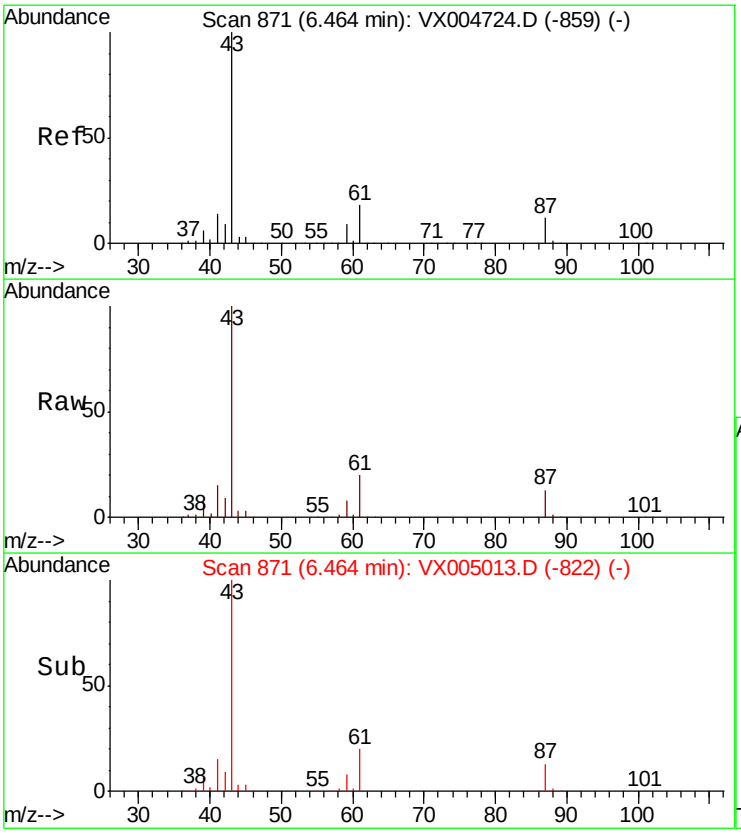
#38
Carbon Tetrachloride
Concen: 4.454 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22097

Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.2	112.8#
121	0.0	22.5	33.7#

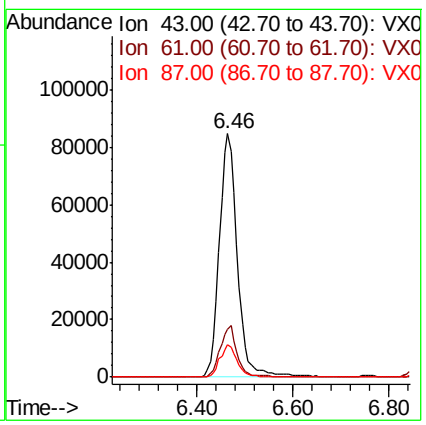


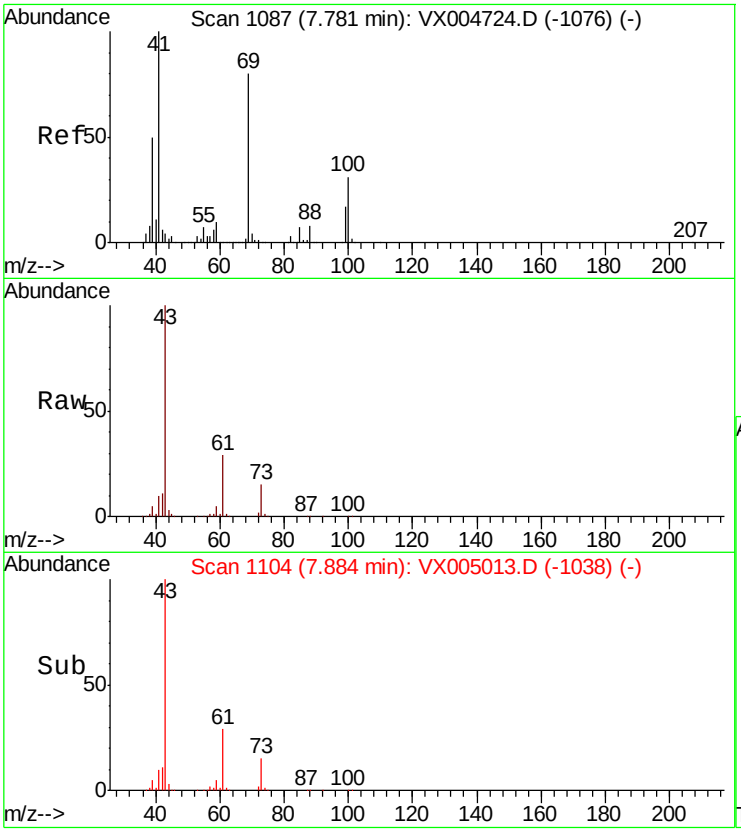


#43
Isopropyl Acetate
Concen: 24.479 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 221325

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.2	21.4
87	12.7	9.3	13.9



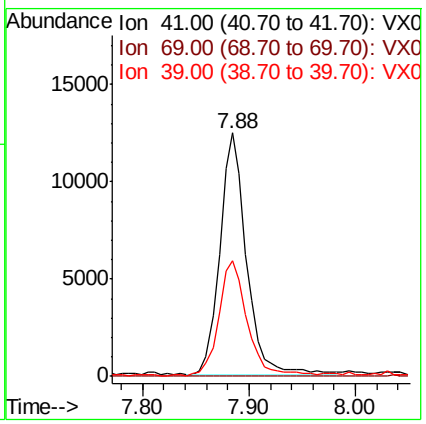


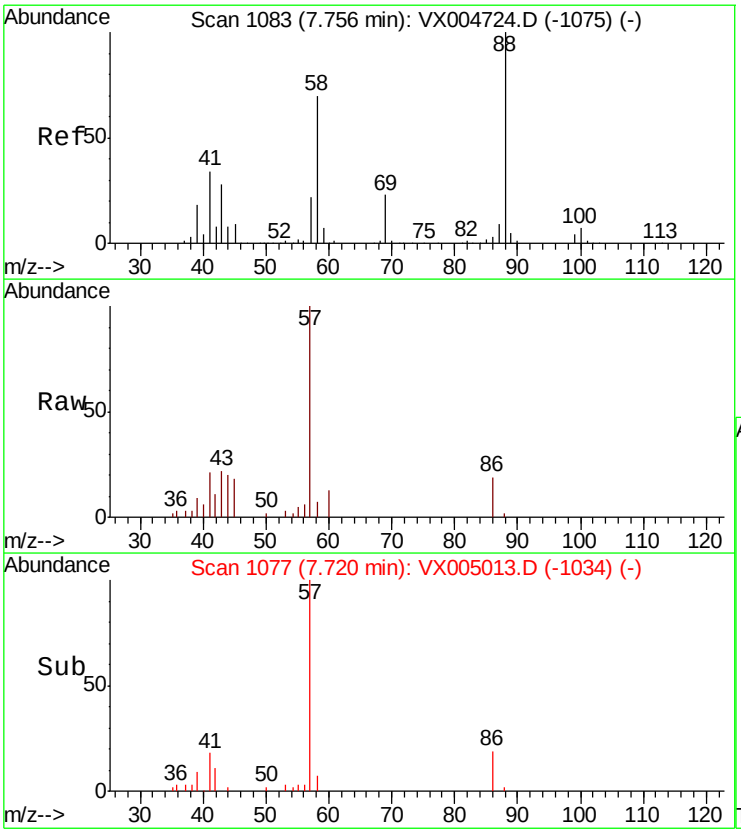
#48
Methyl methacrylate
Concen: 5.241 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.10 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 21508

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	52.3	40.7	61.1

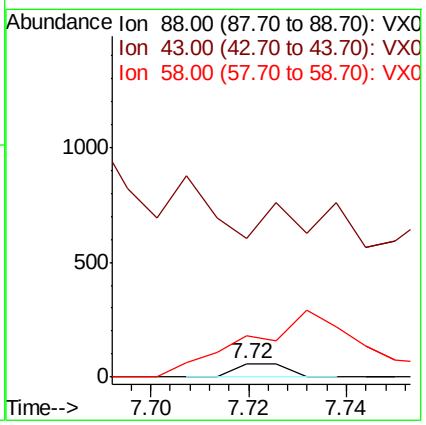


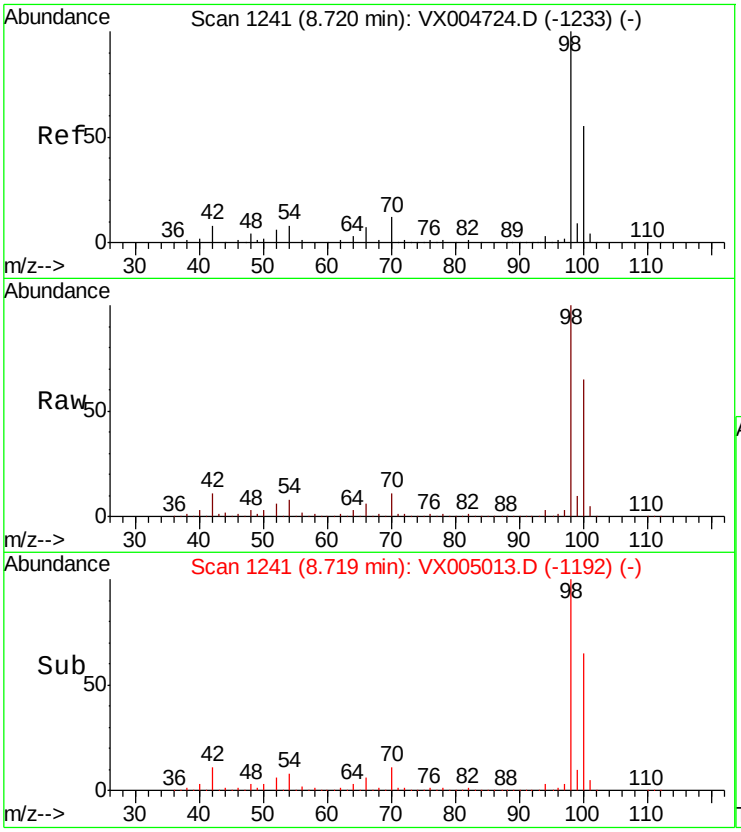


#49
1,4-Dioxane
Concen: 0.422 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.04 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	1109.3	56.2	84.2#



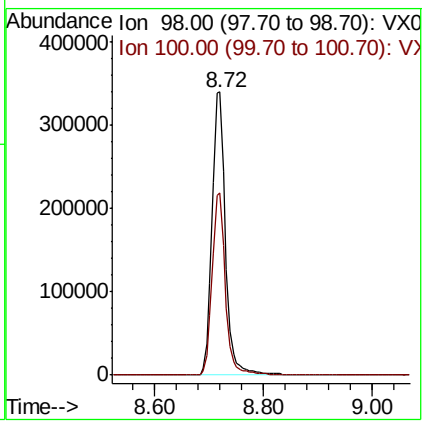


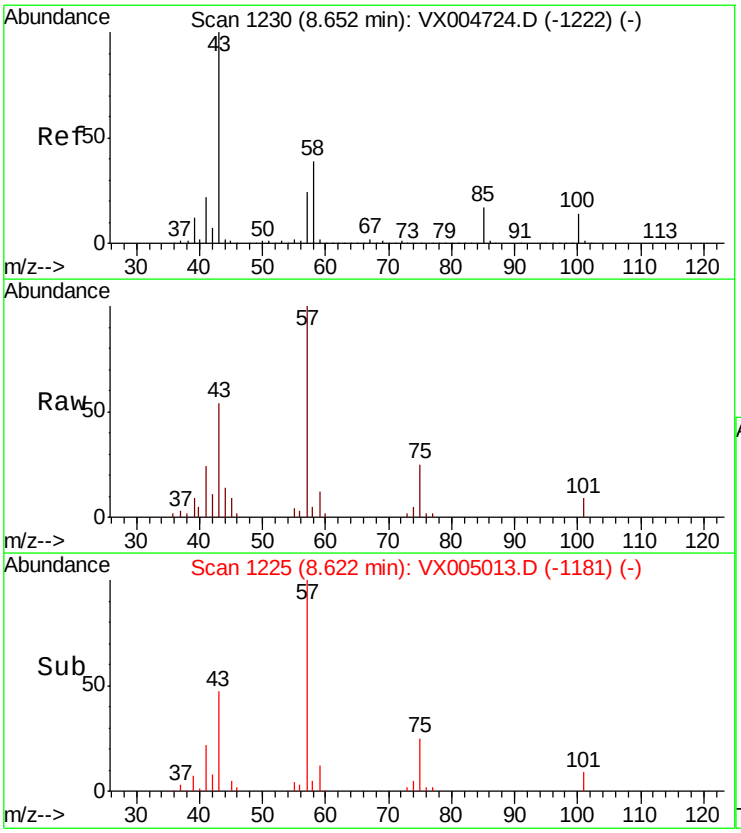
#50
Toluene-d8
Concen: 50.723 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 583266

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9

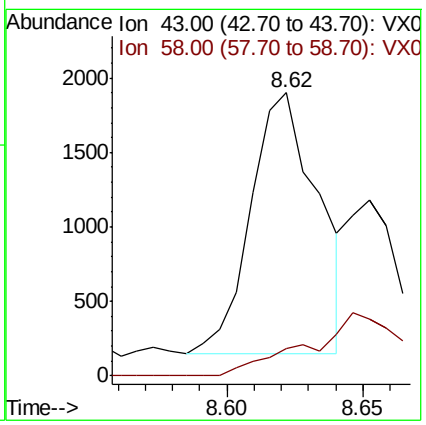


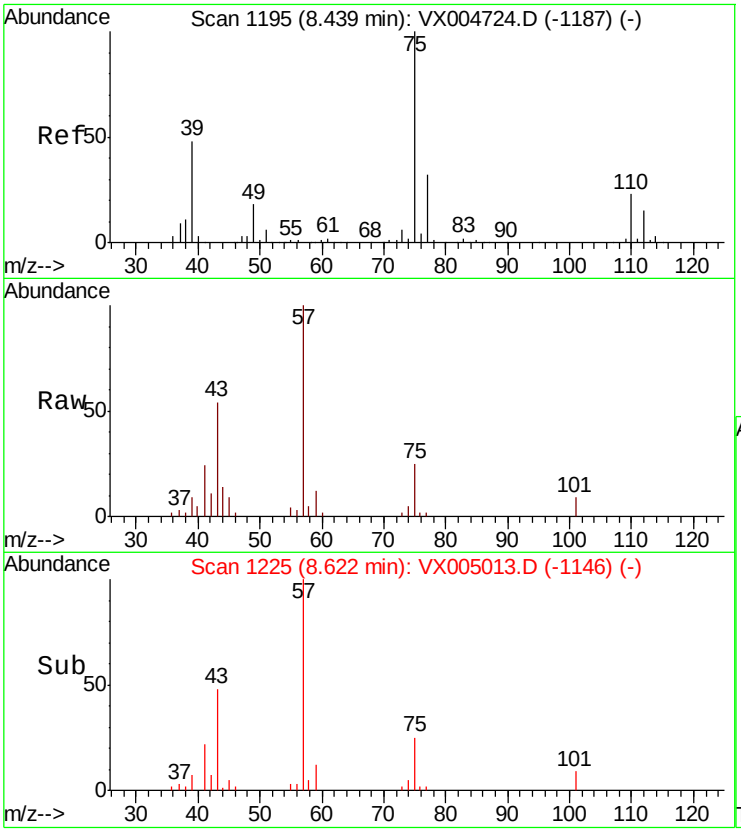


#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 2987

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#



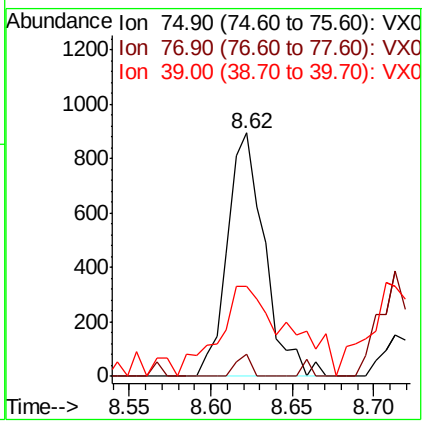


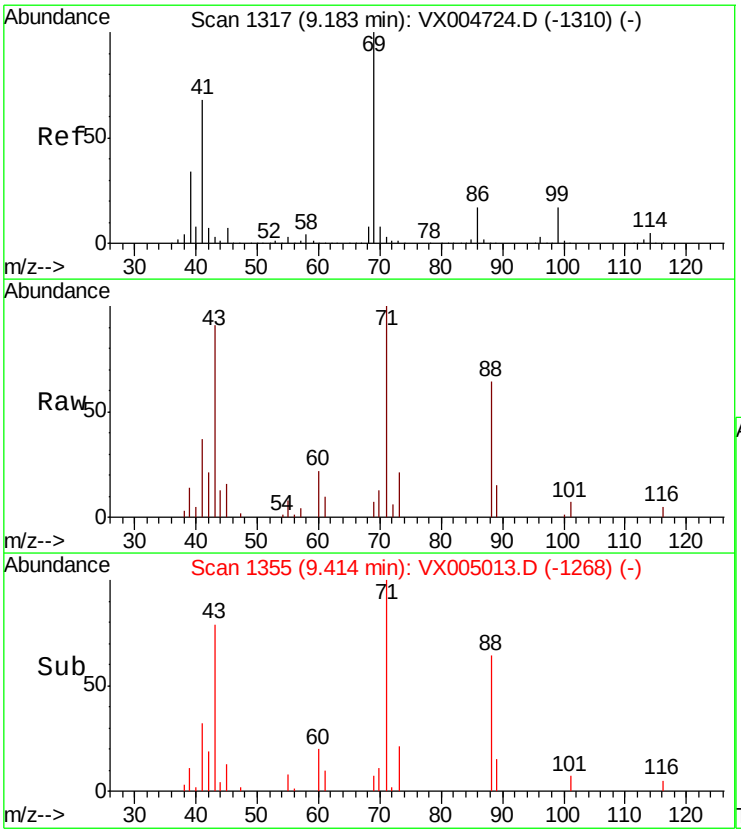
#54
cis-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1423

Ion	Ratio	Lower	Upper
75	100		
77	9.2	25.7	38.5#
39	37.1	38.3	57.5#

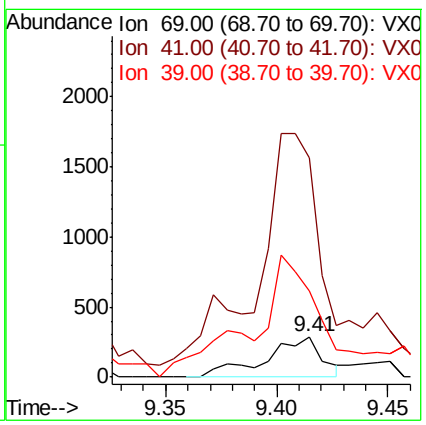


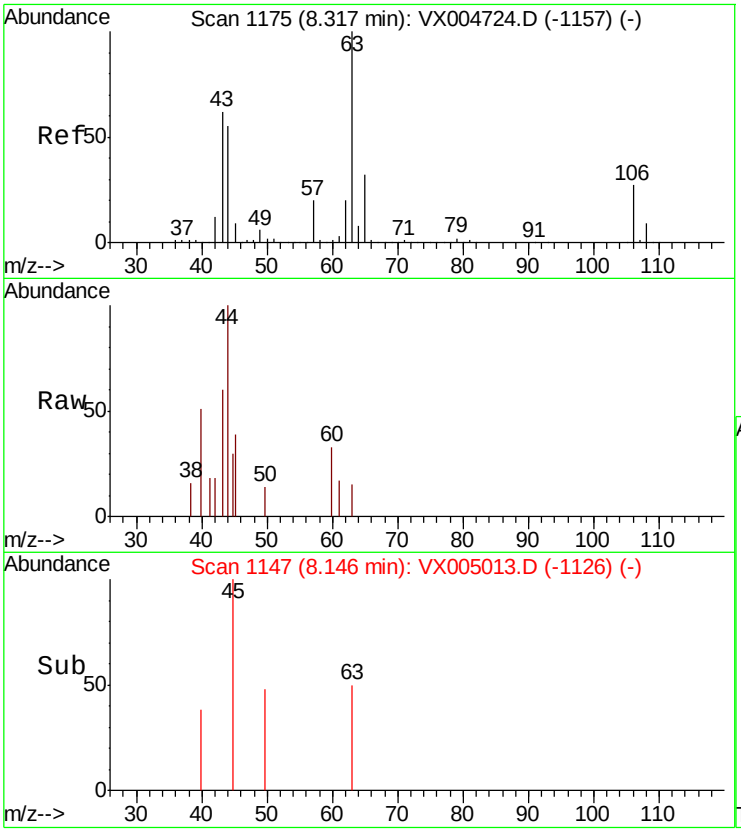


#56
Ethyl methacrylate
Concen: 2.943 ug/l
RT: 9.41 min Scan# 1355
Delta R.T. 0.23 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 69 Resp: 498

Ion	Ratio	Lower	Upper
69	100		
41	725.1	56.9	85.3#
39	375.5	28.4	42.6#



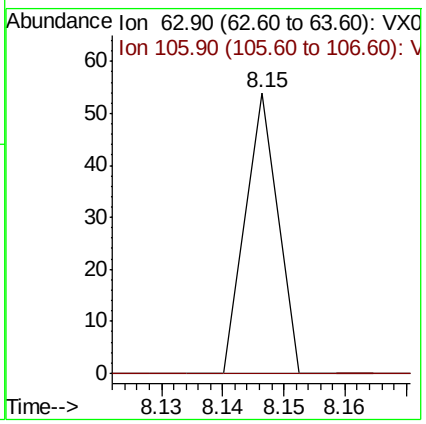


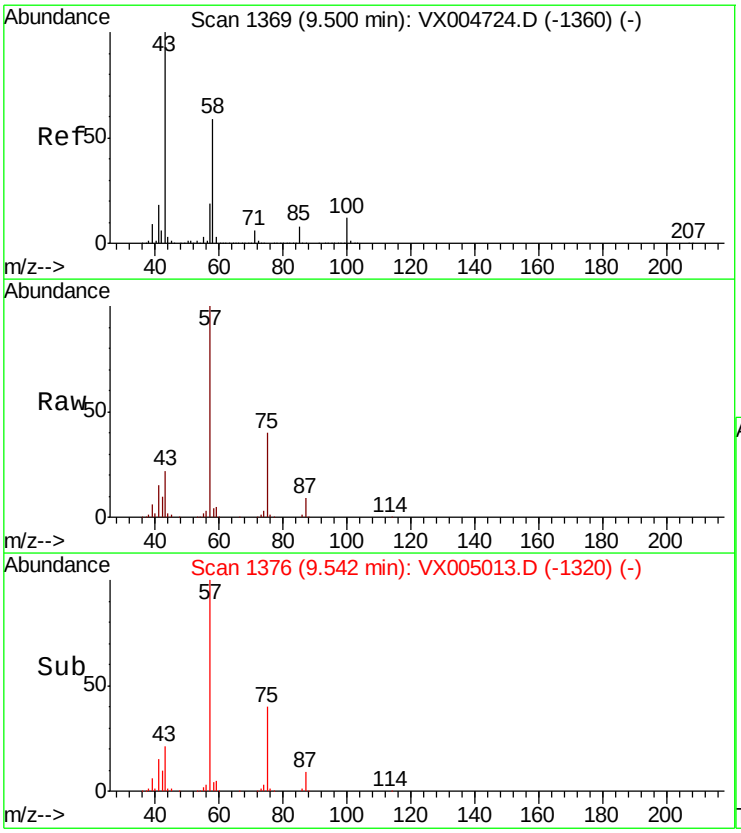
#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.15 min Scan# 1147
Delta R.T. -0.17 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

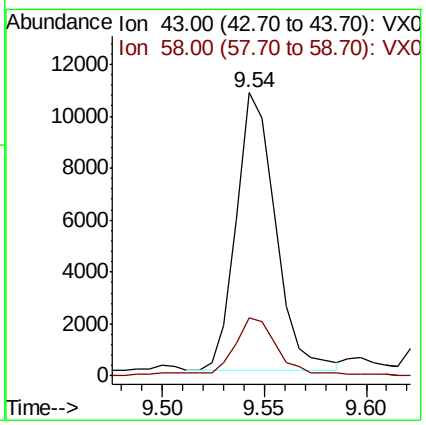


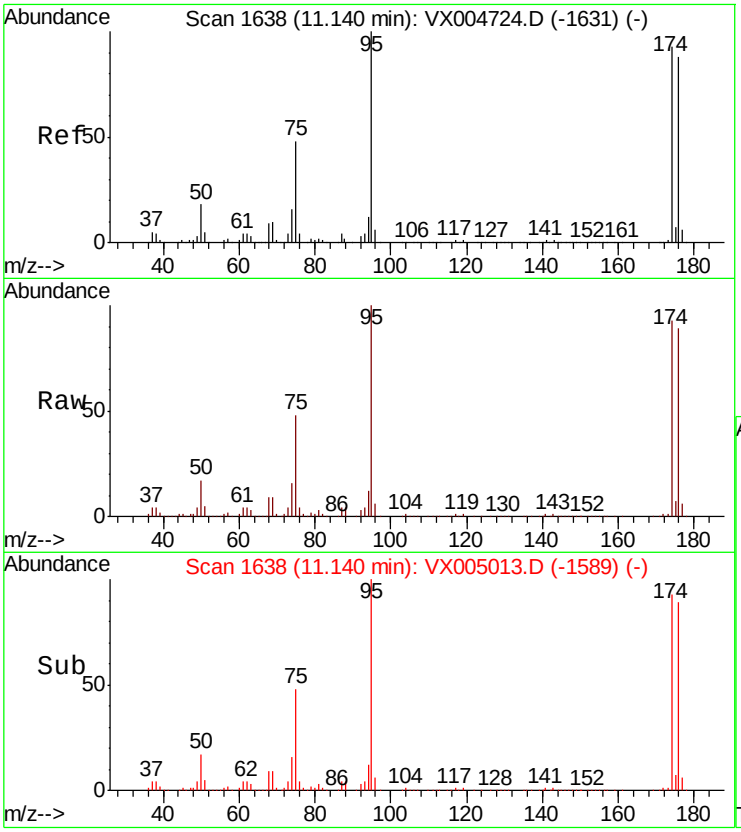


#59
2-Hexanone
Concen: 3.036 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 14404

Ion	Ratio	Lower	Upper
43	100		
58	23.3	28.4	85.3#



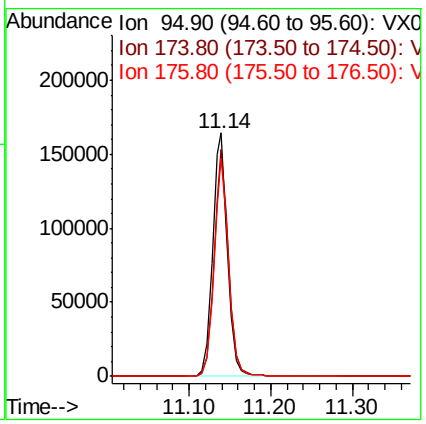


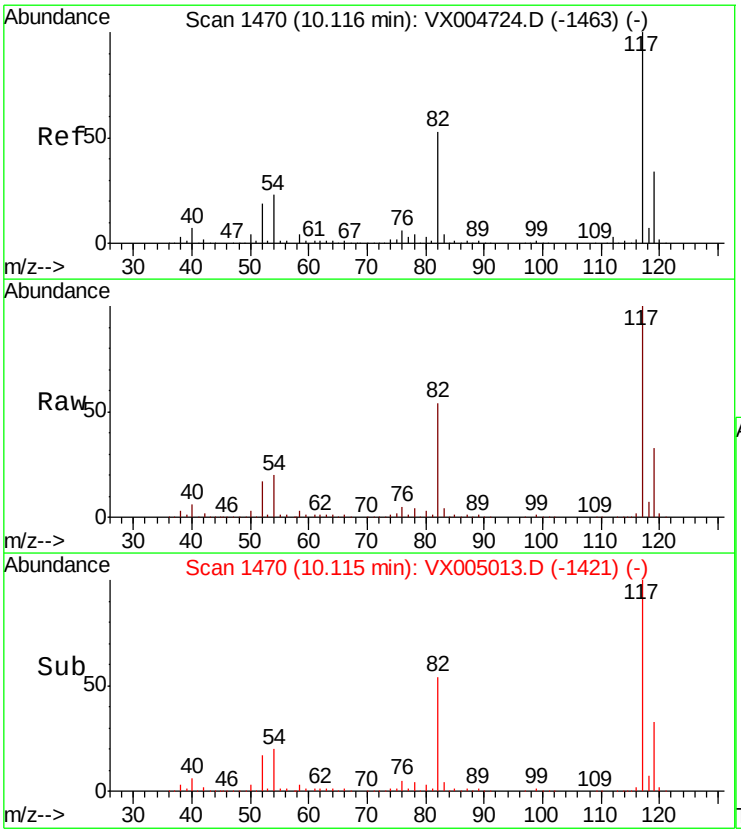
#62
4-Bromofluorobenzene
Concen: 51.134 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 211826

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	185.0
176	87.5	0.0	180.2

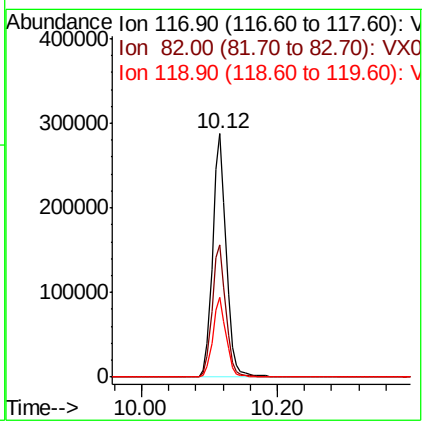


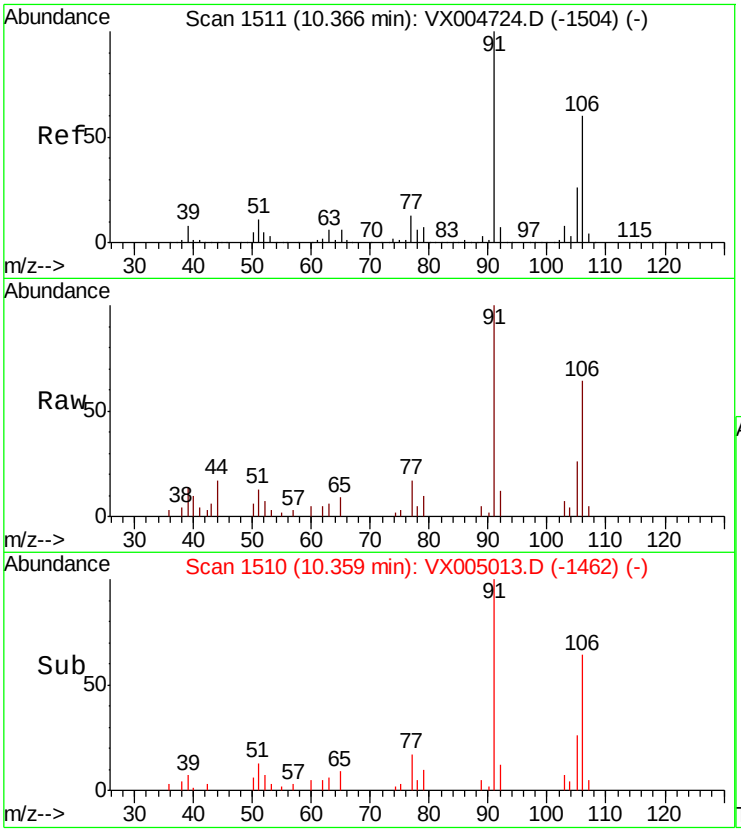


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion:117 Resp: 400204

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	32.5	27.4	41.0



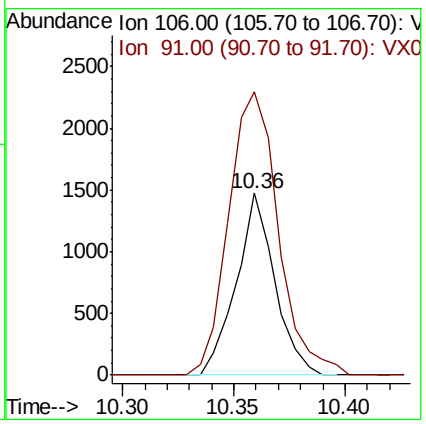


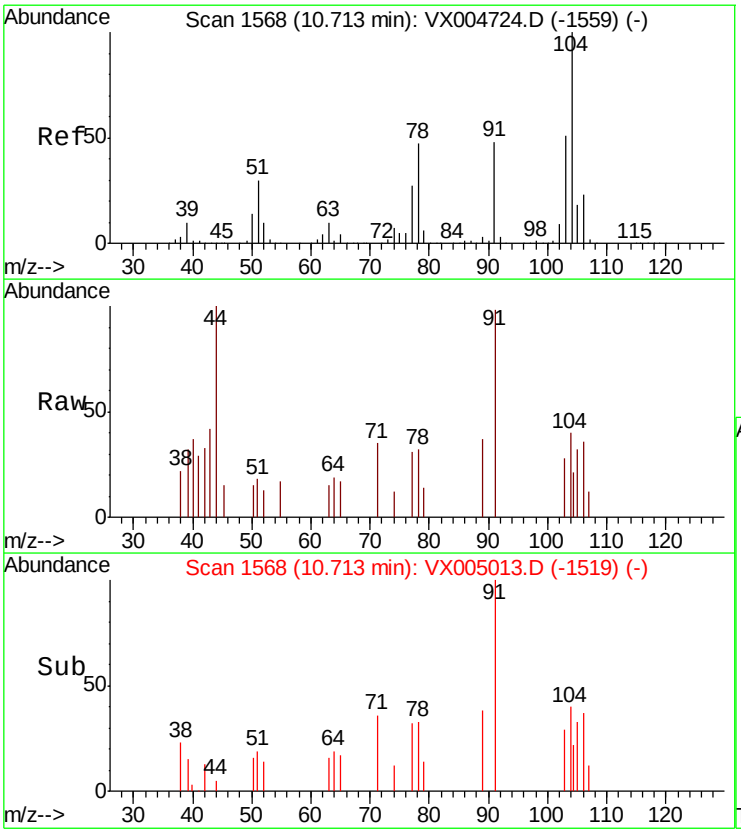
#68
m/p-Xylenes
Concen: 0.279 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1779

Ion	Ratio	Lower	Upper
106	100		
91	200.2	157.5	236.3

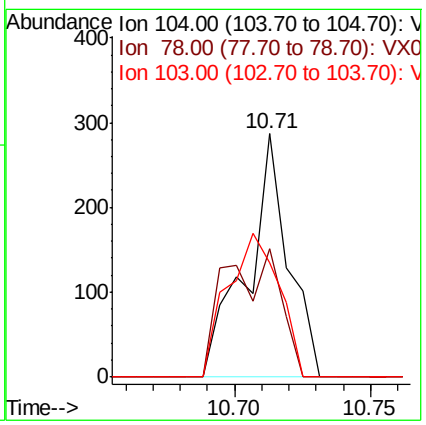


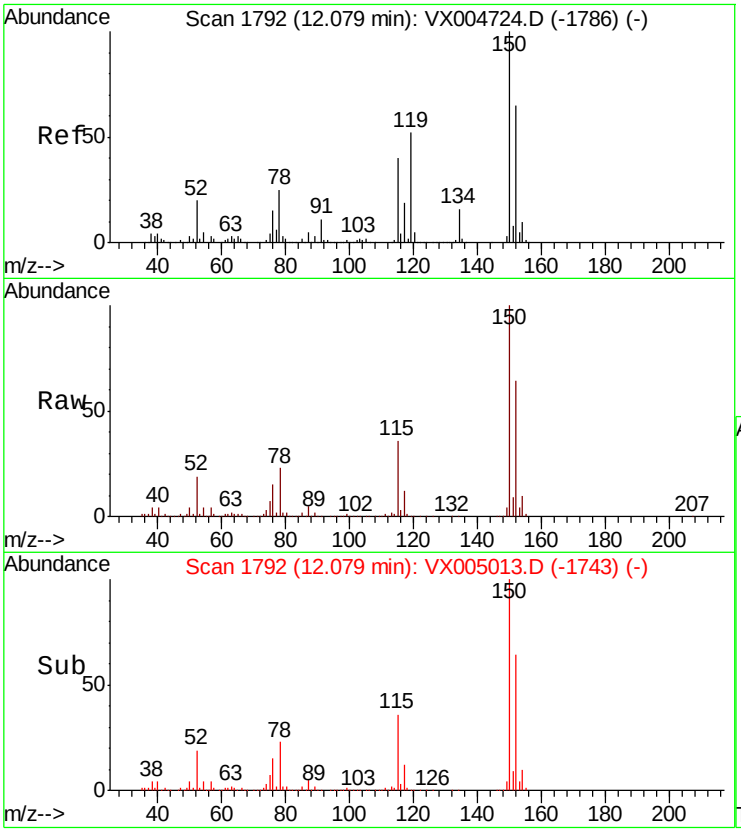


#70
Styrene
Concen: 2.167 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion:104 Resp: 299

Ion	Ratio	Lower	Upper
104	100		
78	69.9	40.0	60.0#
103	73.9	44.3	66.5#



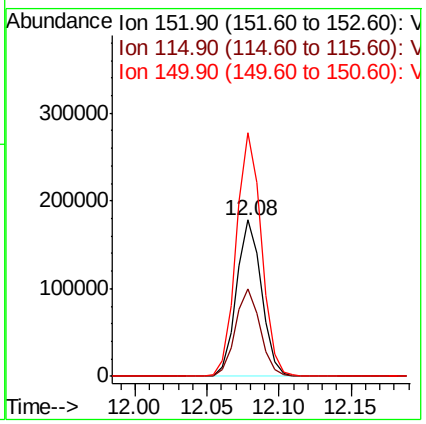


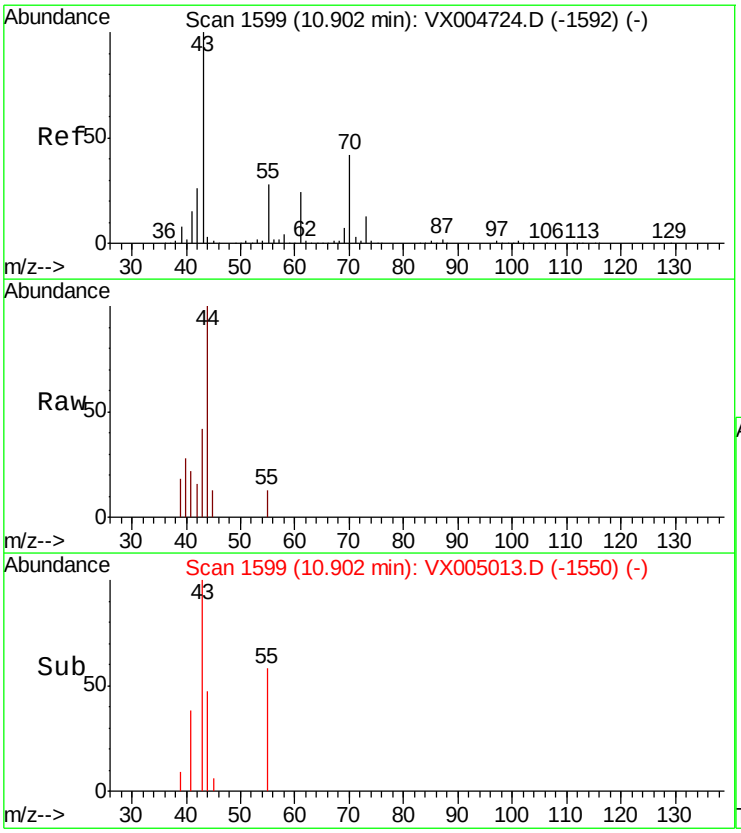
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 216072

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.2	120.6
150	156.7	0.0	351.0

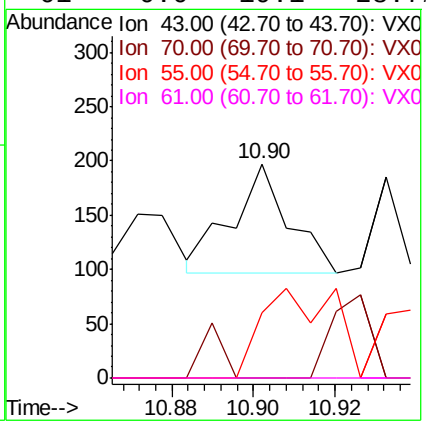


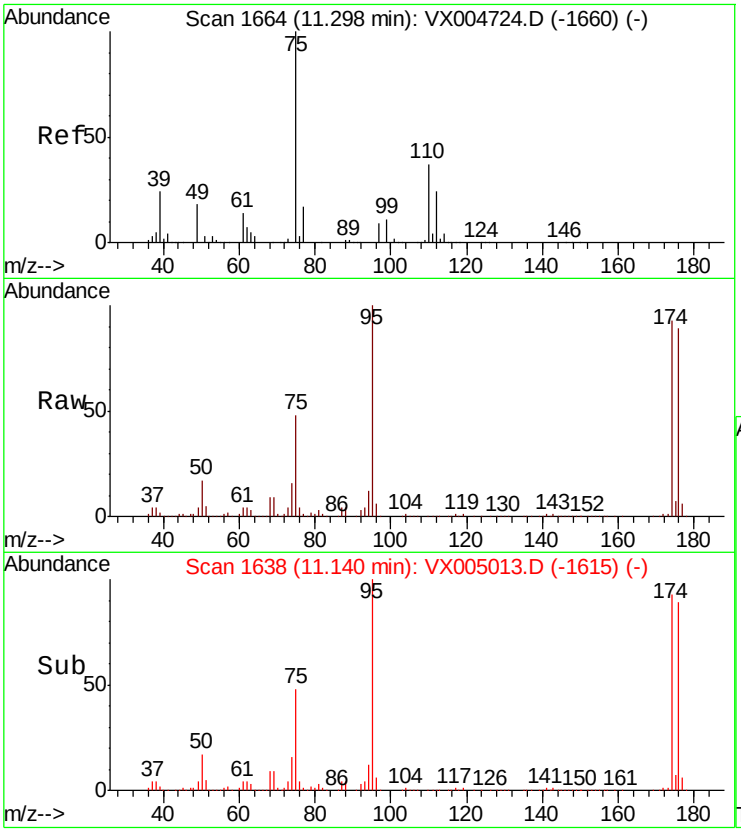


#74
N-amyl acetate
Concen: 1.760 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 97

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	104.1	21.6	32.4#
61	0.0	19.1	28.7#



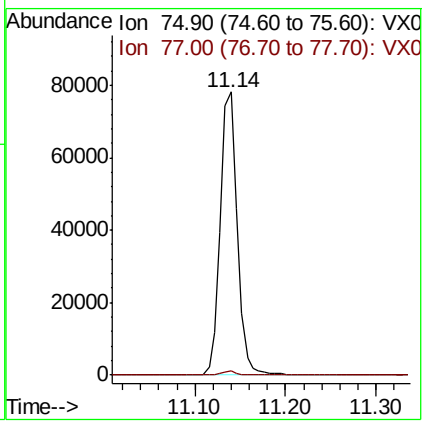


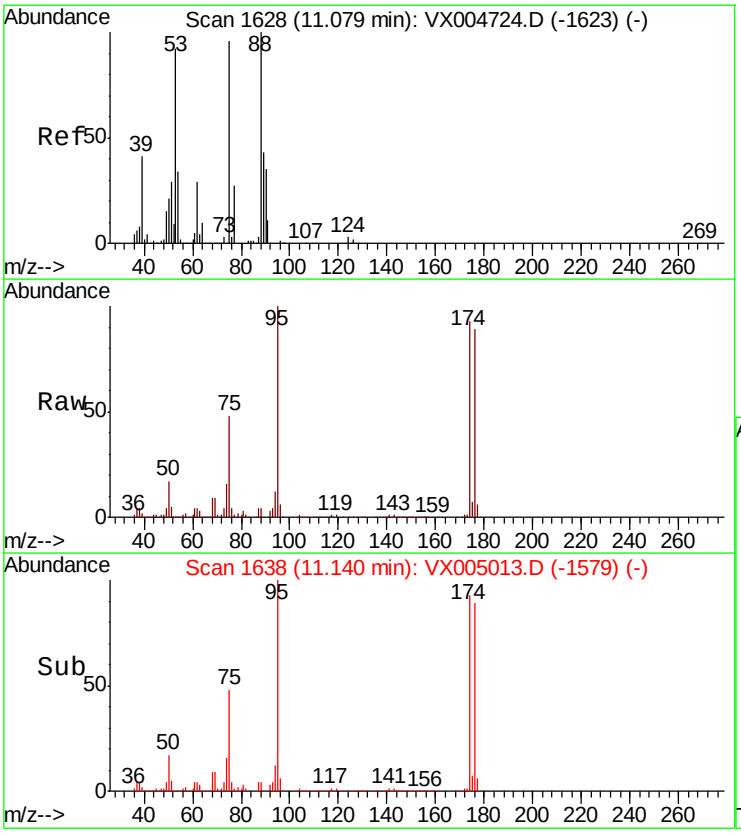
#76
1,2,3-Trichloropropane
Concen: 21.147 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 102414

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

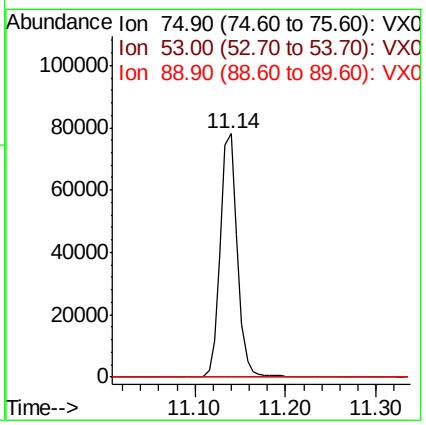


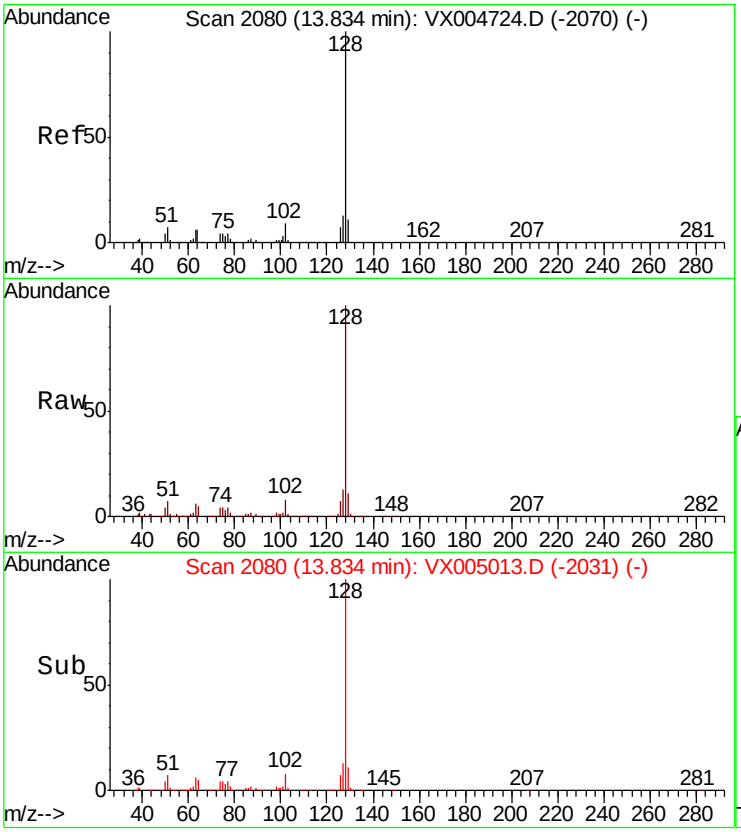


#81
trans-1,4-Dichloro-2-butene
Concen: 57.371 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 75 Resp: 102414

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 6.315 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 102033

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.1	8.7	13.1