Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
Data File : VX006187.D
Acq On : 26 Nov 2018 20:31
Operator : JC/MD
Sample : PB115023ZHE#06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:32:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	302402	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	456127	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	452878	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209021	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	193507	55.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.44%				
35) Dibromofluoromethane	5.51	113	156540	53.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.92%				
50) Toluene-d8	8.71	98	596379	53.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.80%				
62) 4-Bromofluorobenzene	11.14	95	196891	46.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.98%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	431	3.895	ug/l	#	17
6) Chloroethane	1.73	64	327	Below Cal		#	43
8) Diethyl Ether	2.18	74	463	0.290	ug/l		81
11) Tert butyl alcohol	3.03	59	6664	8.940	ug/l	#	80
13) Acrolein	2.31	56	118	0.265	ug/l	#	1
16) Acetone	2.45	43	12797	8.230	ug/l		98
17) Carbon Disulfide	2.57	76	1574	0.267	ug/l	#	51
18) Methyl Acetate	2.78	43	7141	1.791	ug/l		95
20) Methylene Chloride	2.86	84	10799	4.270	ug/l		94
25) 2-Butanone	4.71	43	2533	0.878	ug/l		97
29) Tetrahydrofuran	5.16	42	1000	0.555	ug/l	#	67
36) 1,1-Dichloropropene	5.66	75	21977	5.296	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	28115	7.208	ug/l	#	17
43) Isopropyl Acetate	6.46	43	19158	2.485	ug/l		98
48) Methyl methacrylate	7.68	41	10808	2.764	ug/l	#	17
49) 1,4-Dioxane	7.75	88	181	1.951	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.62	43	92345	16.707	ug/l	#	51
54) cis-1,3-Dichloropropene	8.62	75	39823	8.424	ug/l	#	67
56) Ethyl methacrylate	9.19	69	241	2.910	ug/l	#	23
57) 1,3-Dichloropropane	9.54	76	11247	2.084	ug/l	#	45
58) 2-Chloroethyl Vinyl ether	8.46	63	92	6.753	ug/l		100
59) 2-Hexanone	9.54	43	161411	36.797	ug/l	#	52
74) N-amyl acetate	10.69	43	12973	4.117	ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	100240	23.294	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.51	105	6592	0.618	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.14	75	100240	78.785	ug/l	#	7

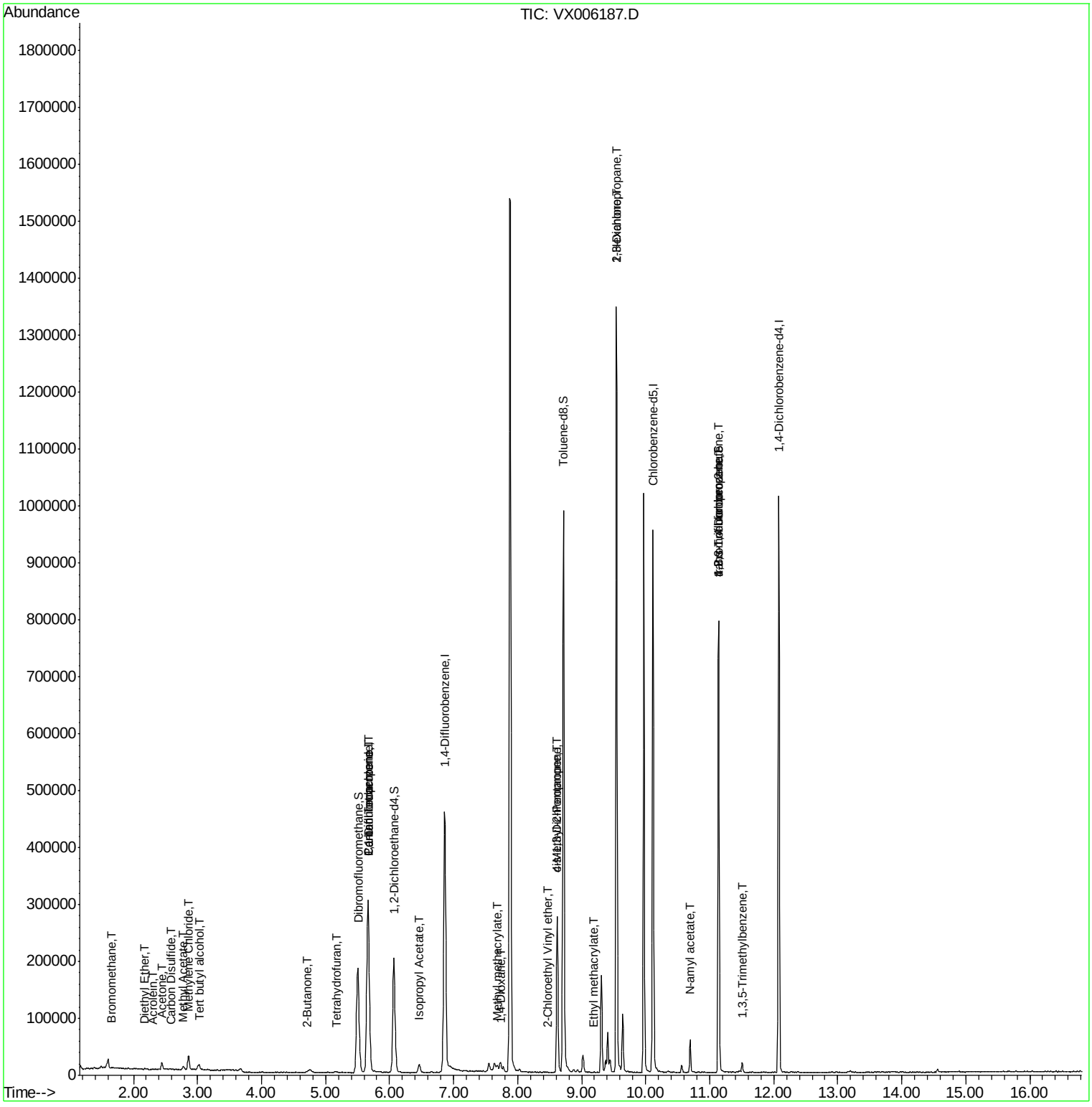
(#) = qualifier out of range (m) = manual integration (+) = signals summed

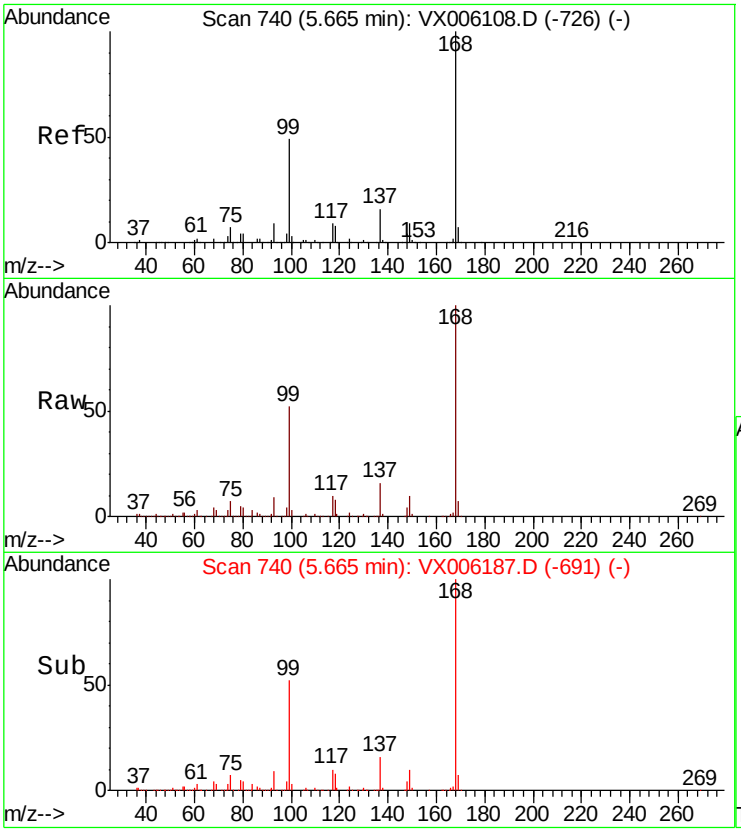
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006187.D
Acq On : 26 Nov 2018 20:31
Operator : JC/MD
Sample : PB115023ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:32:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration



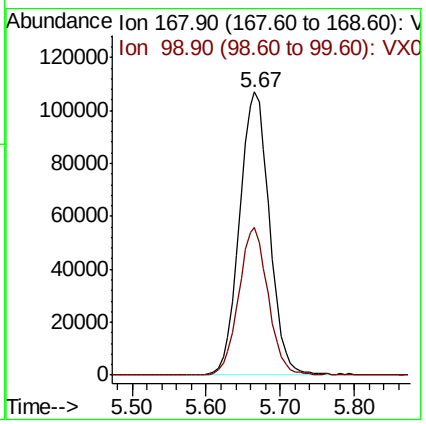


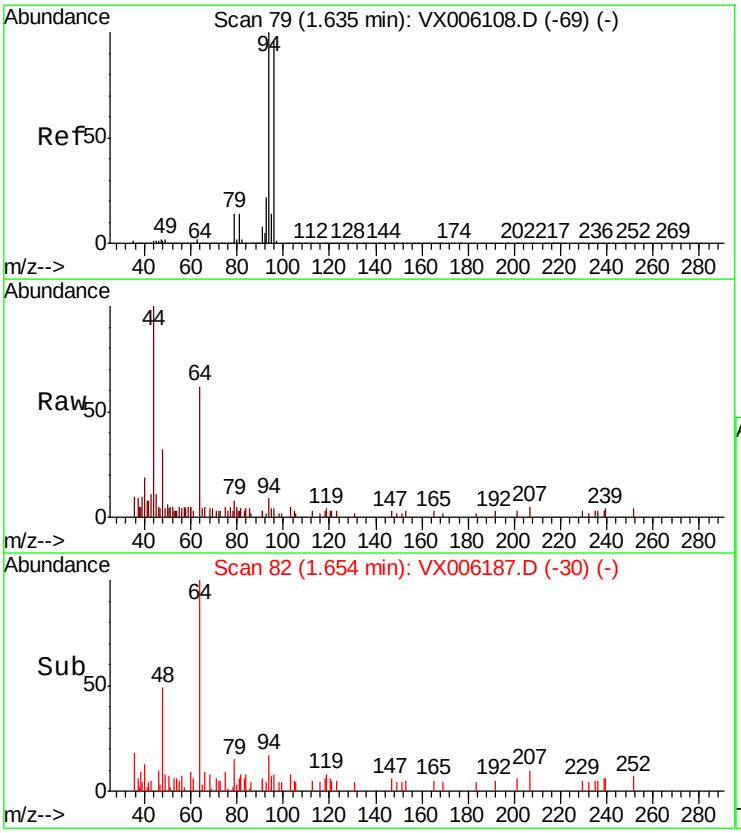
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 302402

Ion	Ratio	Lower	Upper
168	100		
99	52.4	39.2	58.8

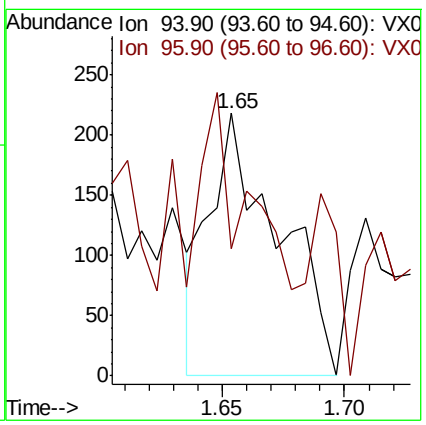


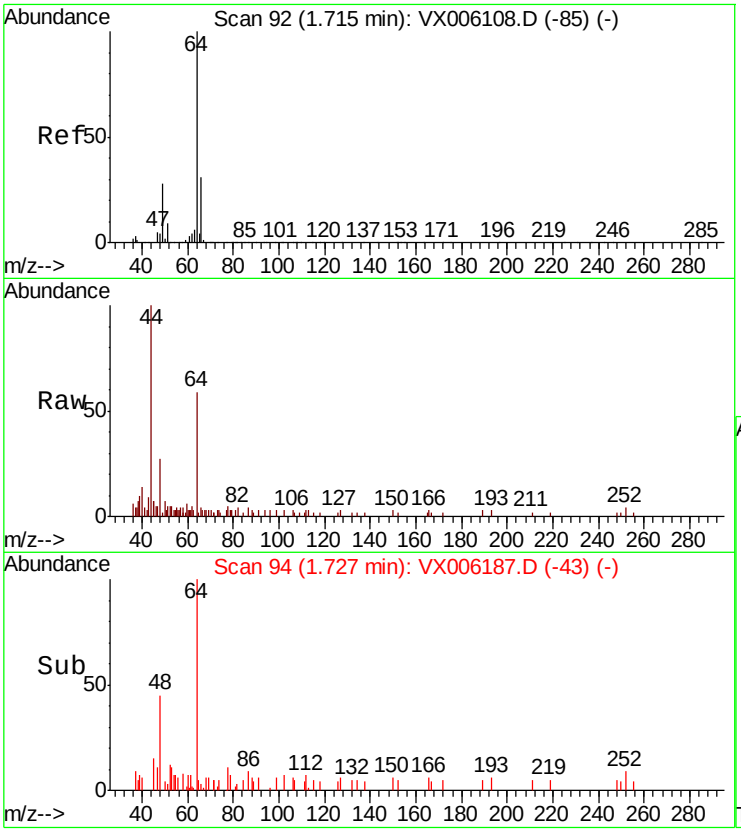


#5
Bromomethane
Concen: 3.895 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 94 Resp: 431

Ion	Ratio	Lower	Upper
94	100		
96	14.7	76.7	115.1#



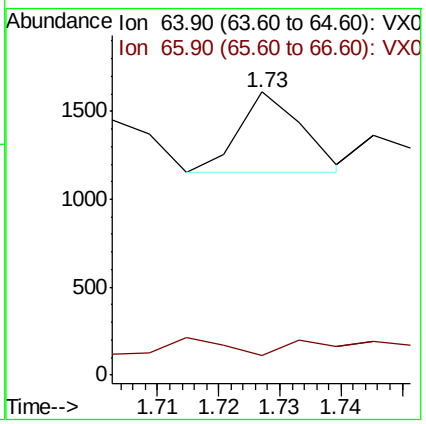


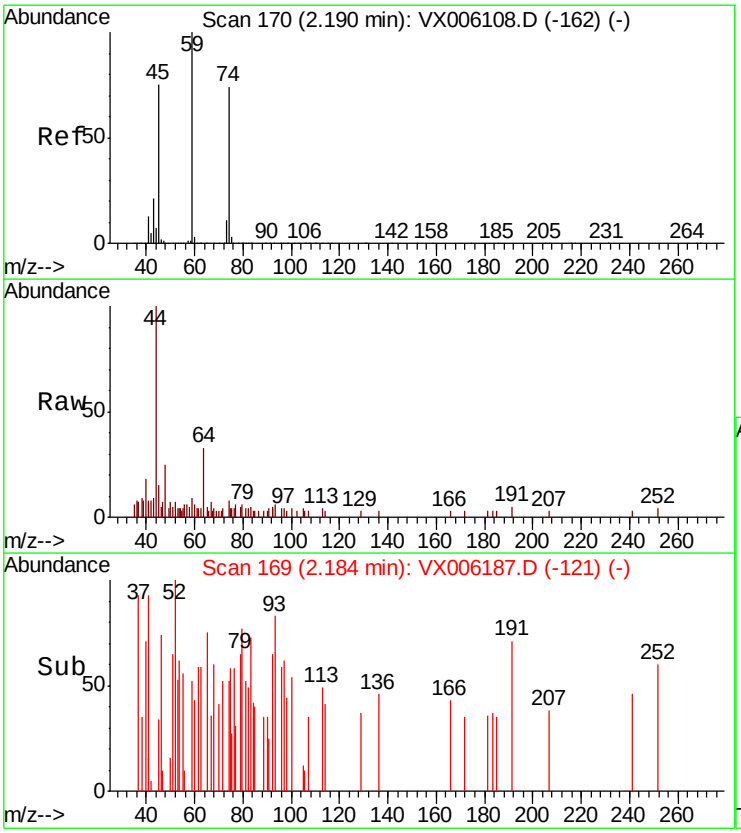
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 327

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

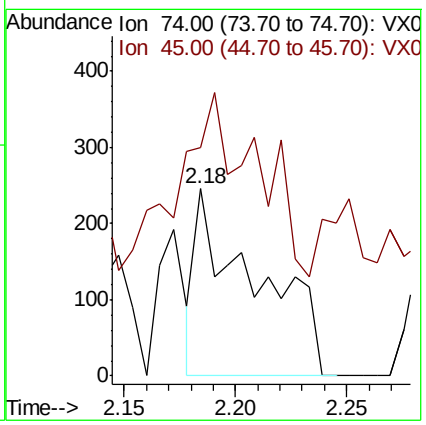


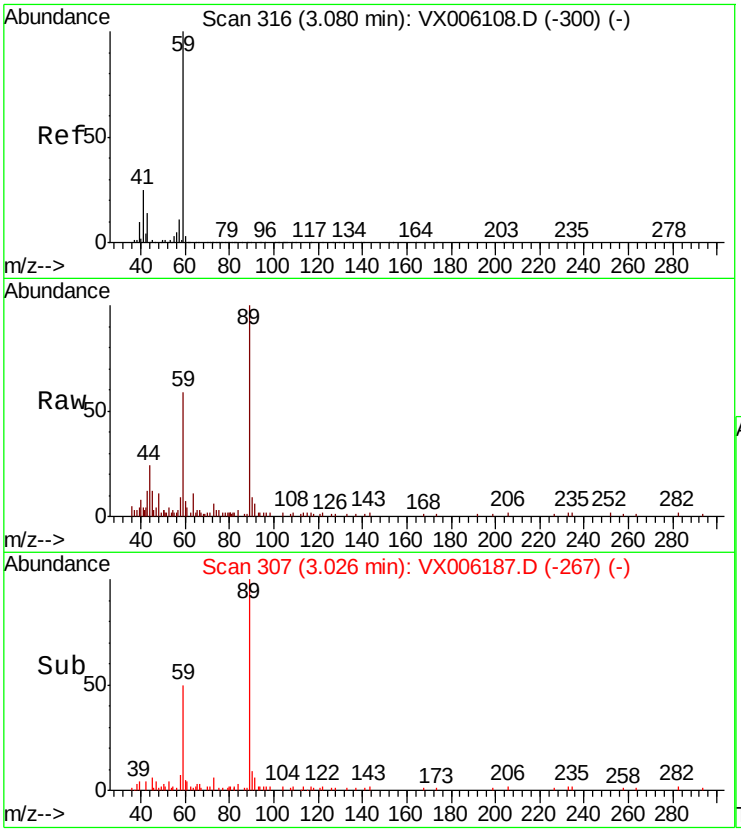


#8
Diethyl Ether
Concen: 0.290 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 74 Resp: 463

Ion	Ratio	Lower	Upper
74	100		
45	85.3	52.2	156.6



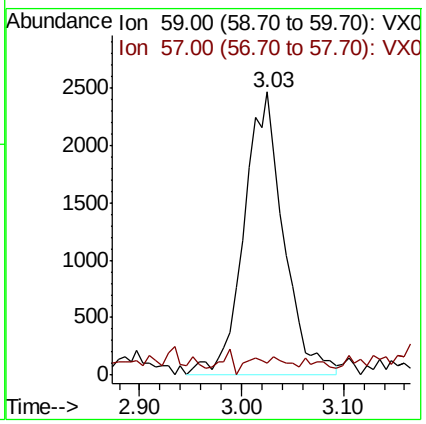


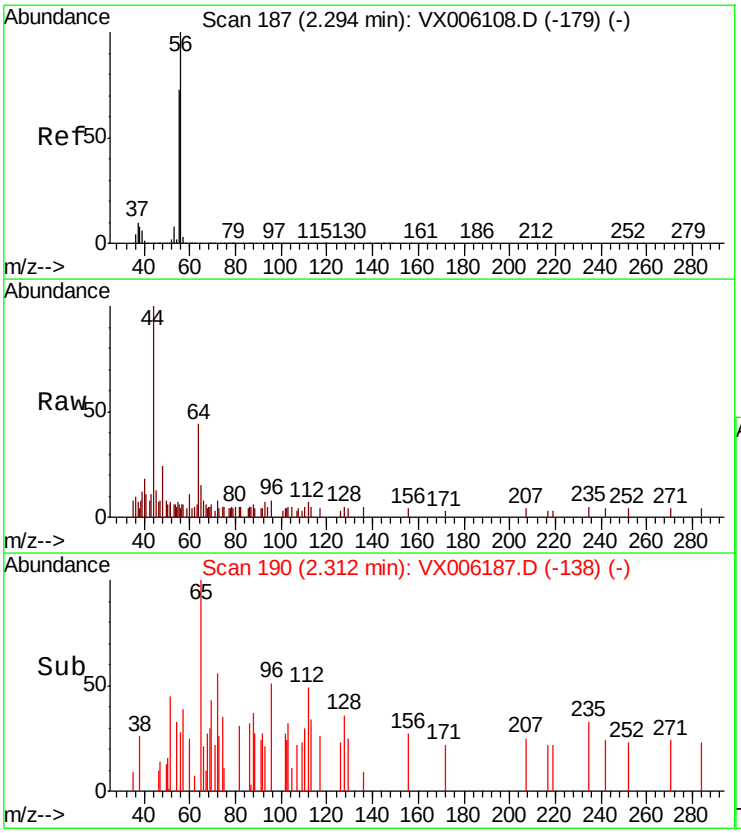
#11
Tert butyl alcohol
Concen: 8.940 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 6664

Ion	Ratio	Lower	Upper
59	100		
57	3.3	8.7	13.1#

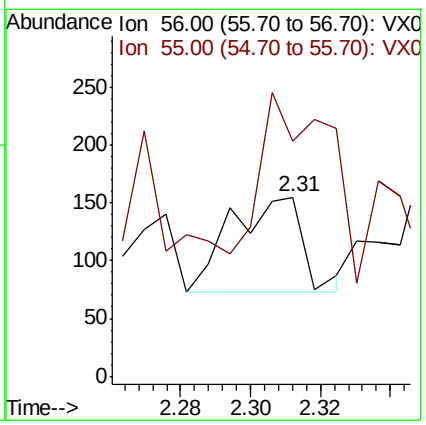


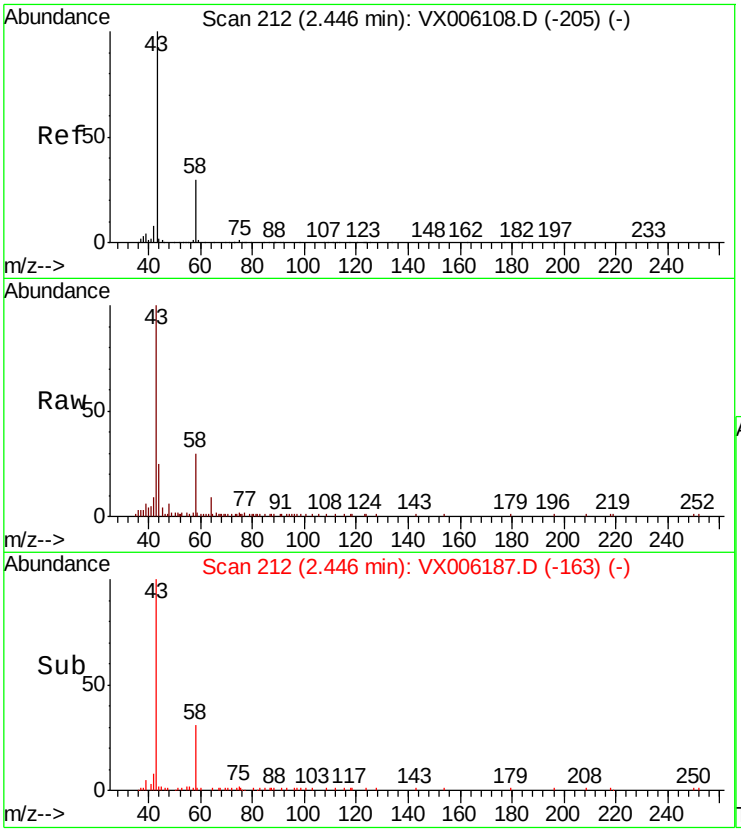


#13
Acrolein
Concen: 0.265 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 56 Resp: 118

Ion	Ratio	Lower	Upper
56	100		
55	189.8	57.8	86.6#



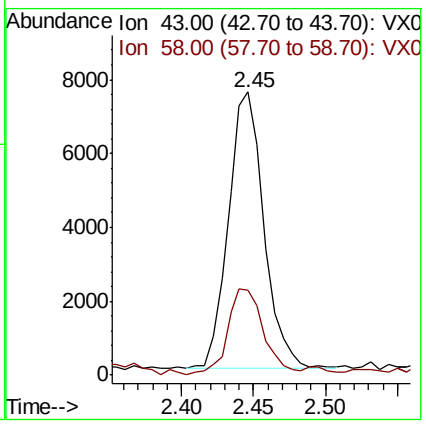


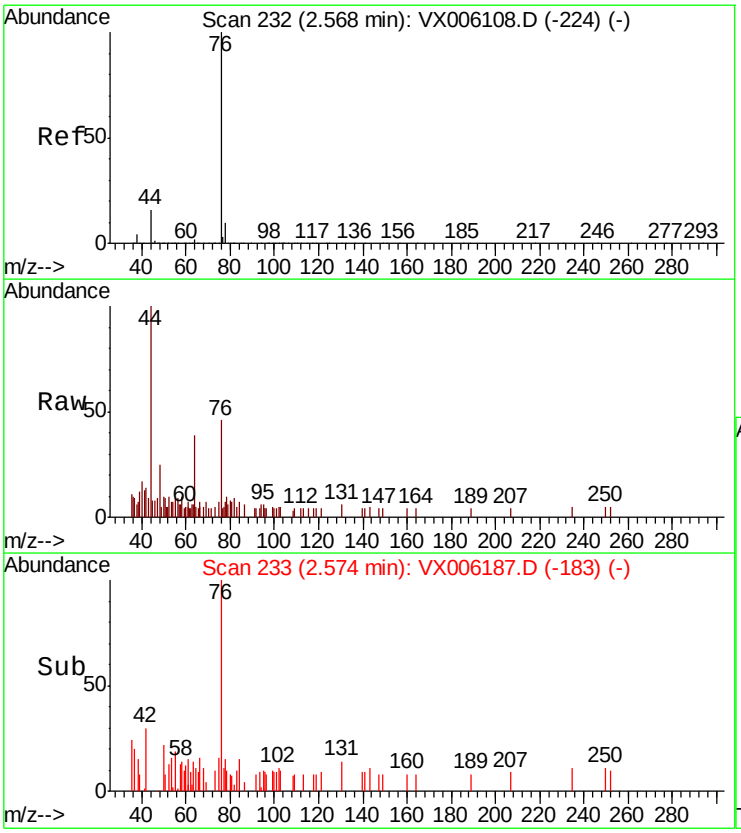
#16
Acetone
Concen: 8.230 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12797

Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.8

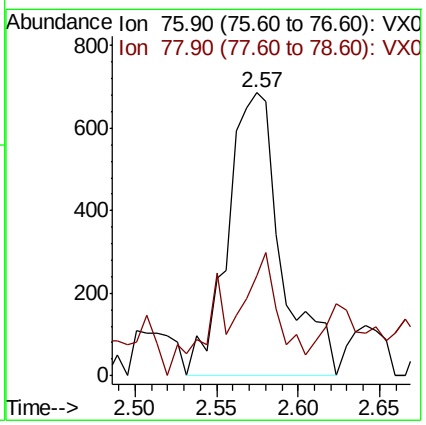


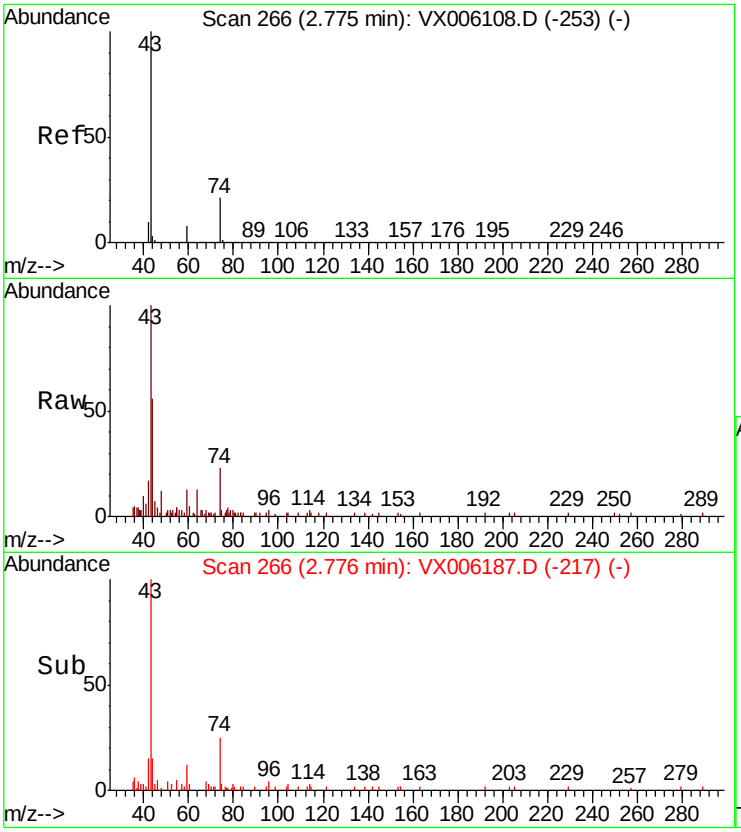


#17
Carbon Disulfide
Concen: 0.267 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 76 Resp: 1574

Ion	Ratio	Lower	Upper
76	100		
78	27.7	7.7	11.5#



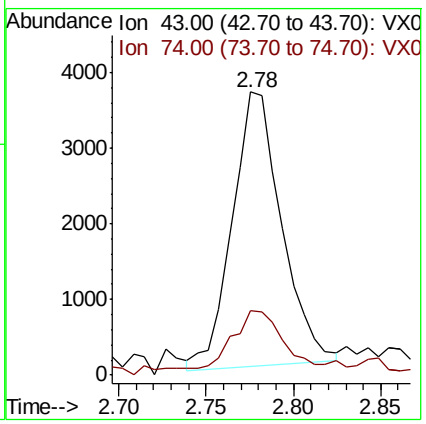


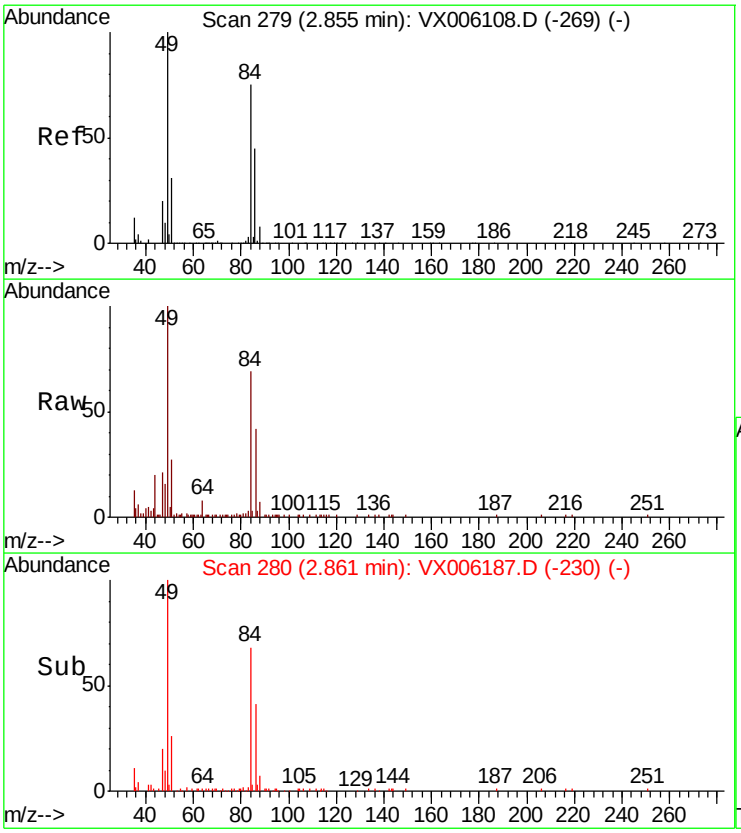
#18
Methyl Acetate
Concen: 1.791 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7141

Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.3	25.9

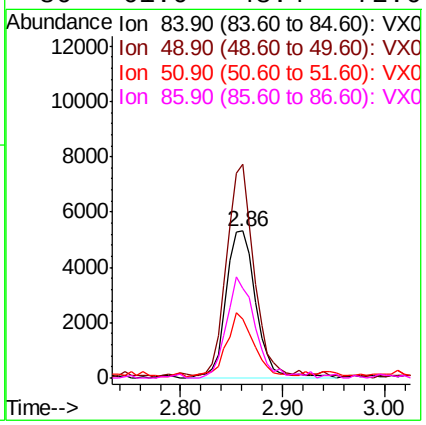


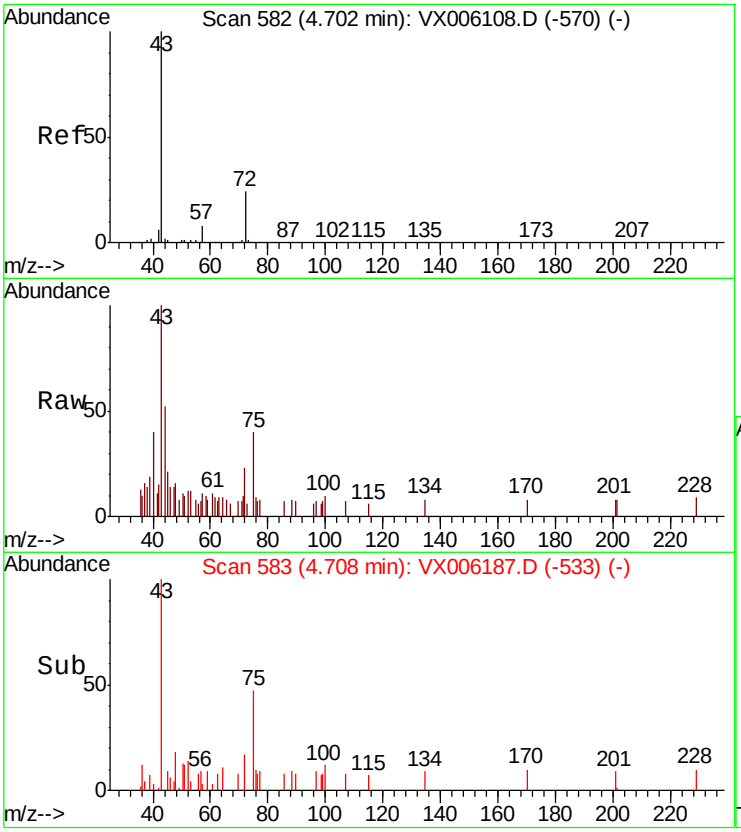


#20
Methylene Chloride
Concen: 4.270 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 84 Resp: 10799

Ion	Ratio	Lower	Upper
84	100		
49	144.1	106.6	159.8
51	38.9	32.6	49.0
86	61.0	48.4	72.6



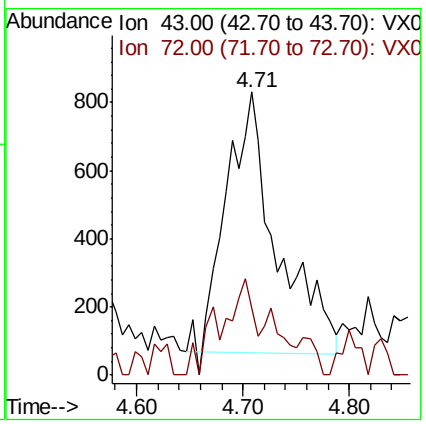


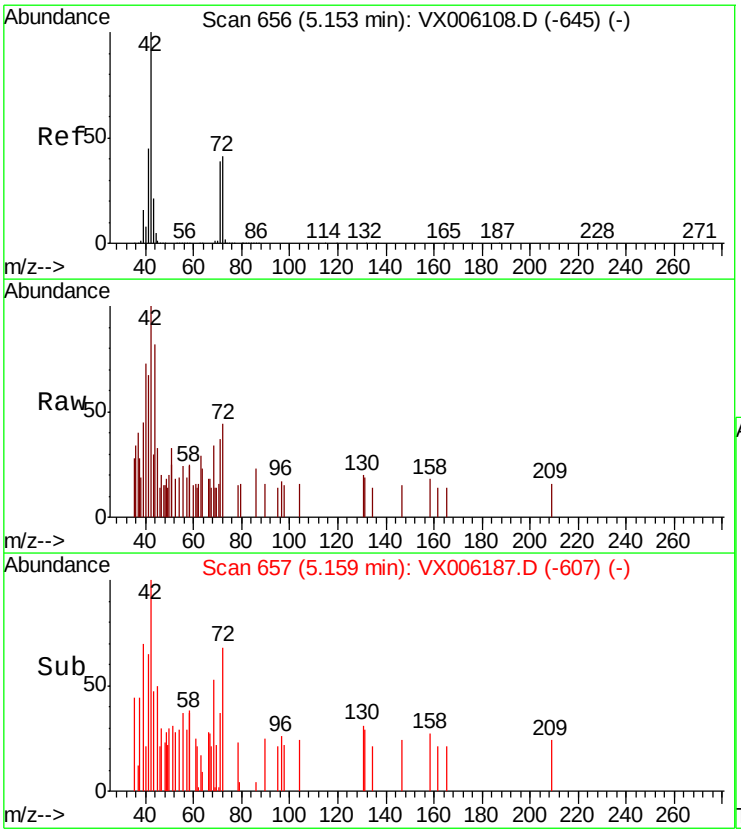
#25
2-Butanone
Concen: 0.878 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.2	28.8

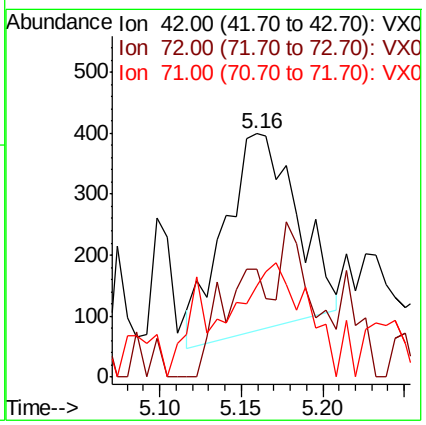


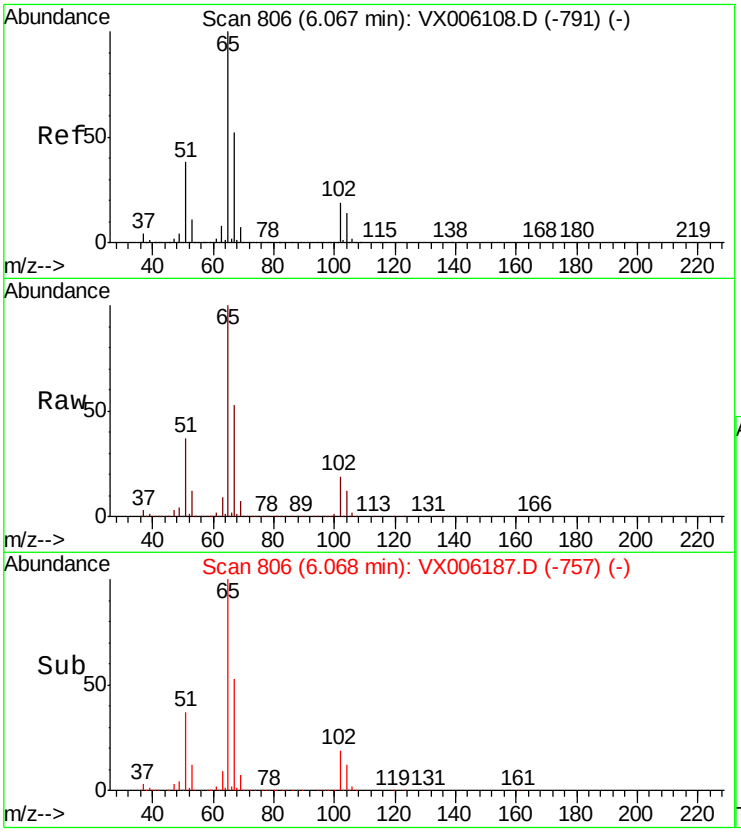


#29
Tetrahydrofuran
Concen: 0.555 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 42 Resp: 1000

Ion	Ratio	Lower	Upper
42	100		
72	38.7	33.0	49.6
71	0.0	31.0	46.4#



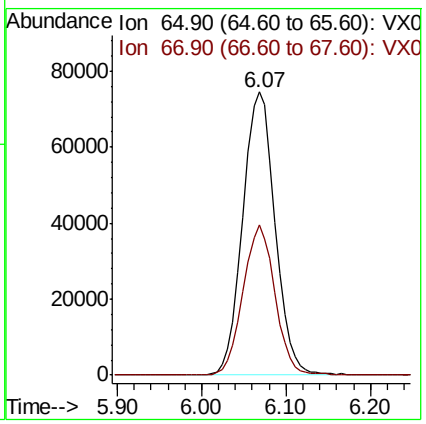


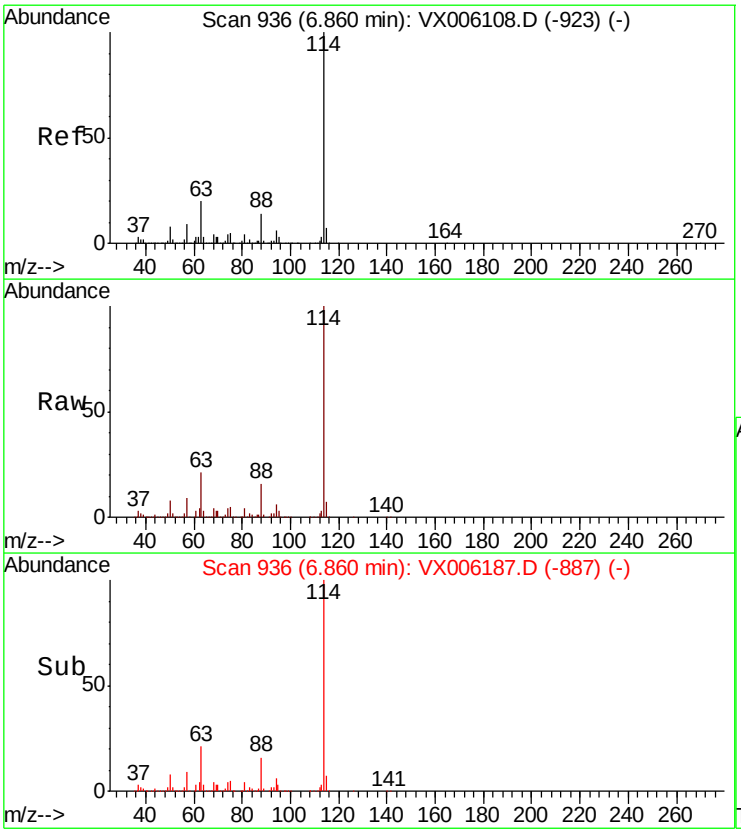
#33
1,2-Dichloroethane-d4
Concen: 55.223 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 193507

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8

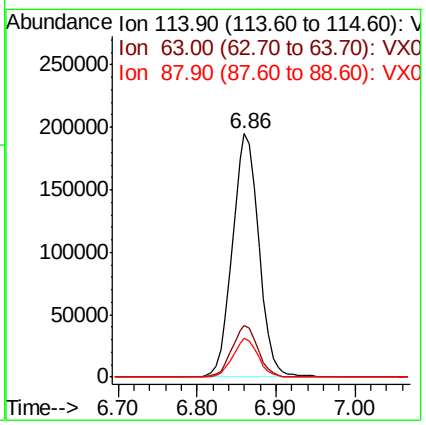


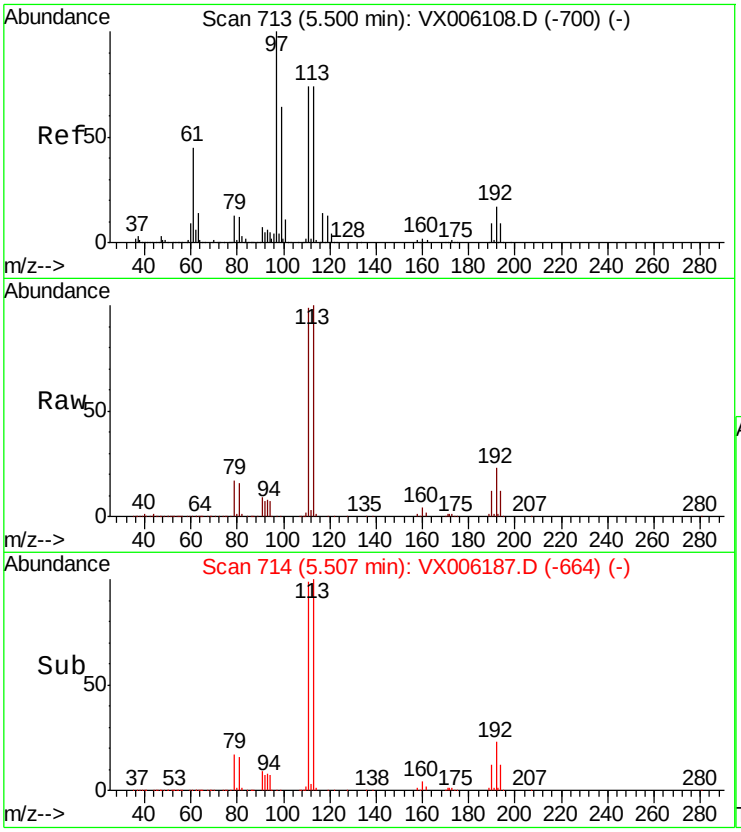


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion:114 Resp: 456127

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.2
88	15.7	0.0	28.6



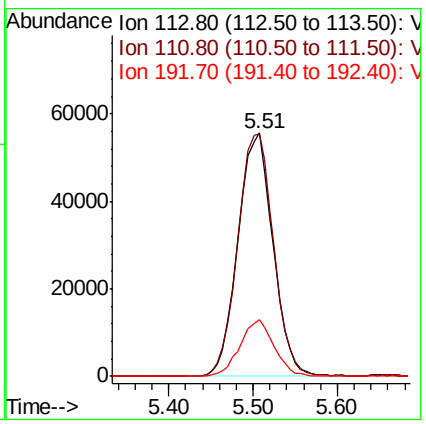


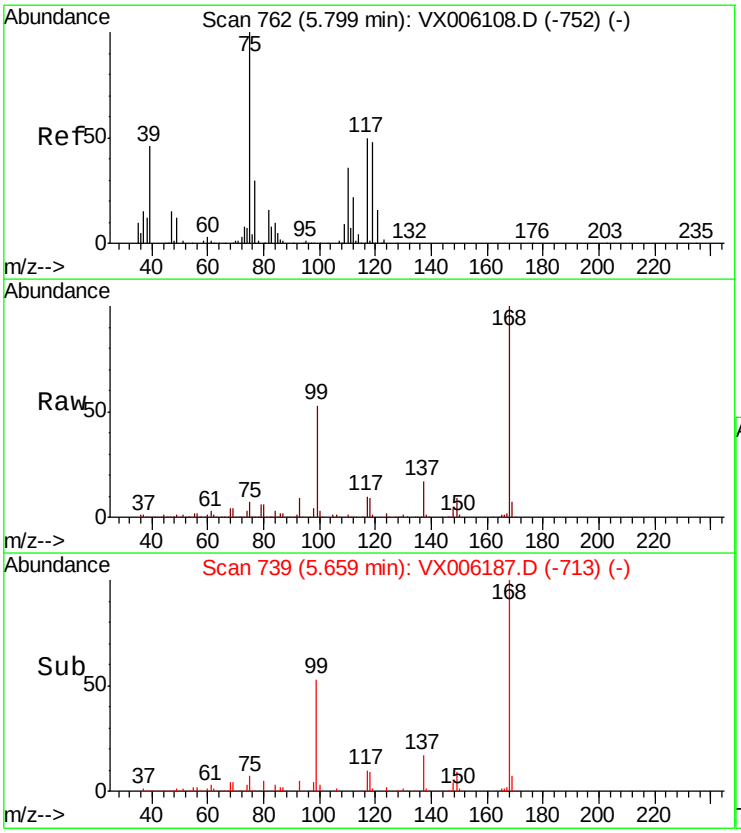
#35
Dibromofluoromethane
Concen: 53.464 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 156540

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	22.7	18.6	28.0

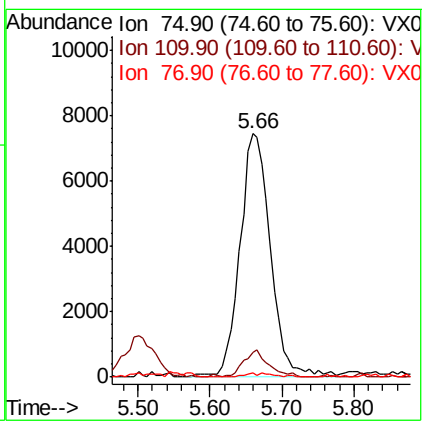


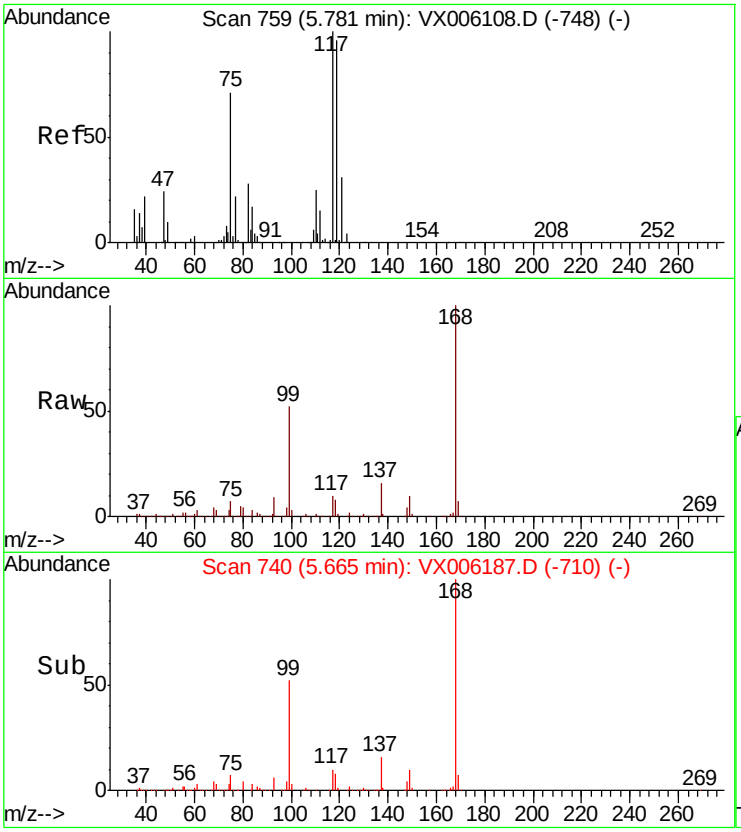


#36
1,1-Dichloropropene
Concen: 5.296 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 75 Resp: 21977

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.3#
77	0.6	24.5	36.7#



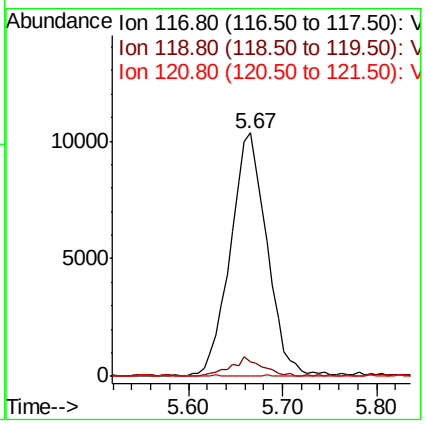


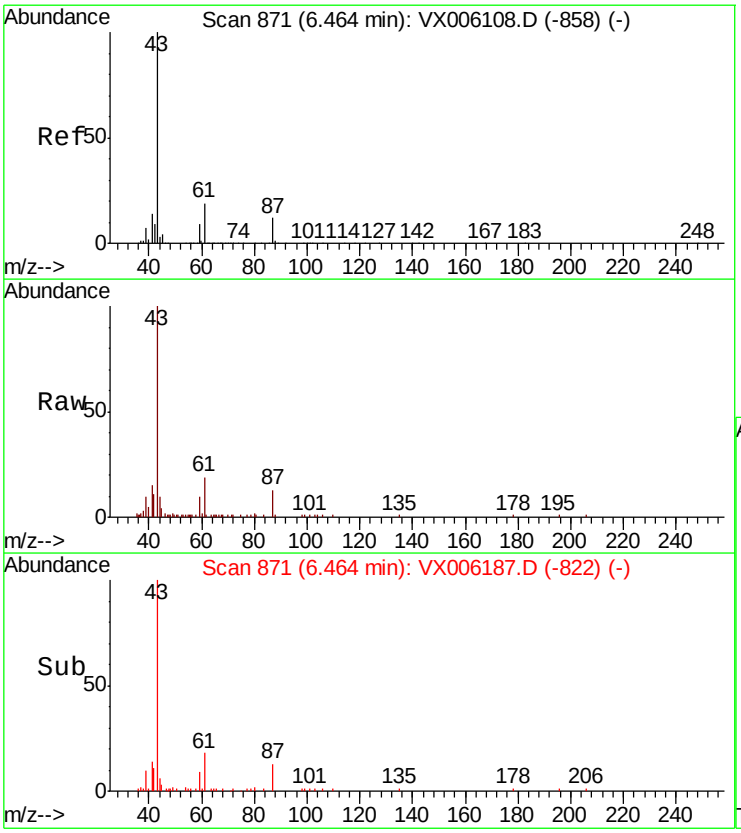
#38
Carbon Tetrachloride
Concen: 7.208 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 28115

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.3	114.5#
121	0.0	24.7	37.1#

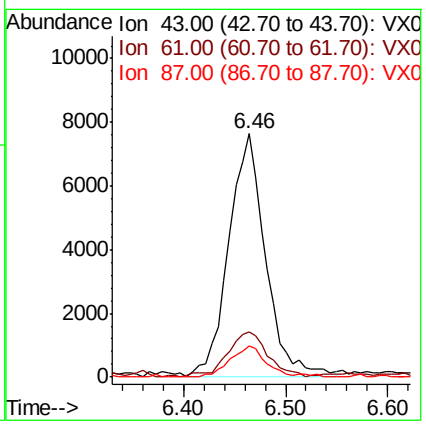


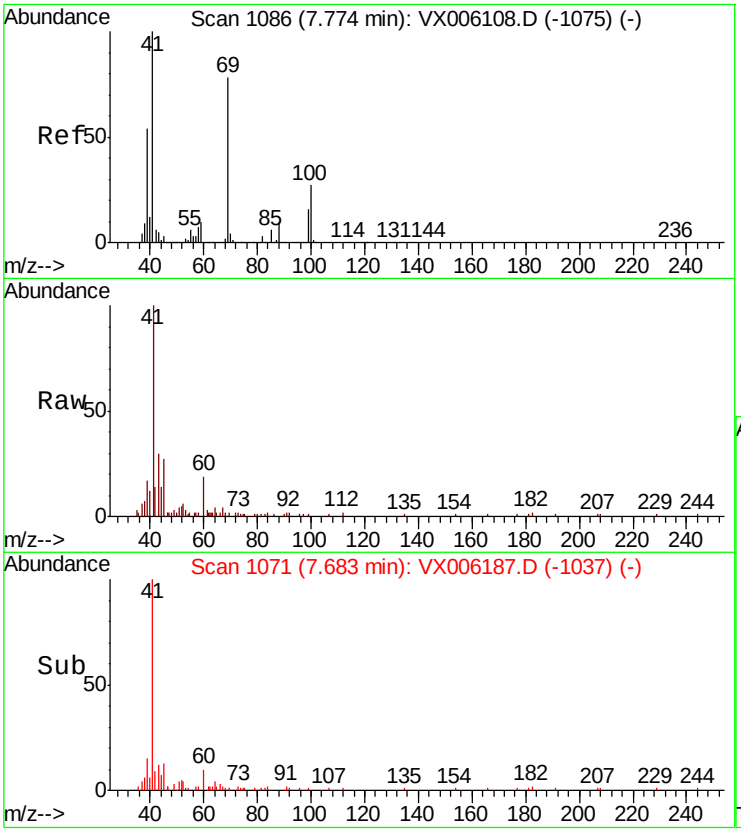


#43
Isopropyl Acetate
Concen: 2.485 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 43 Resp: 19158

Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	12.3	9.6	14.4



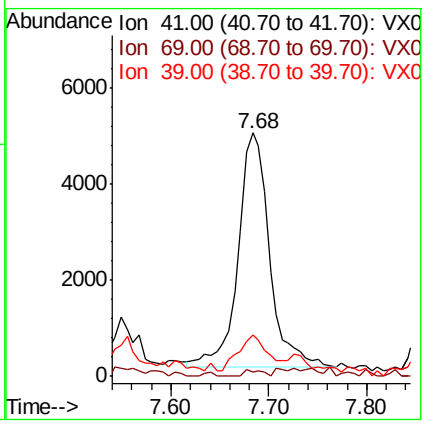


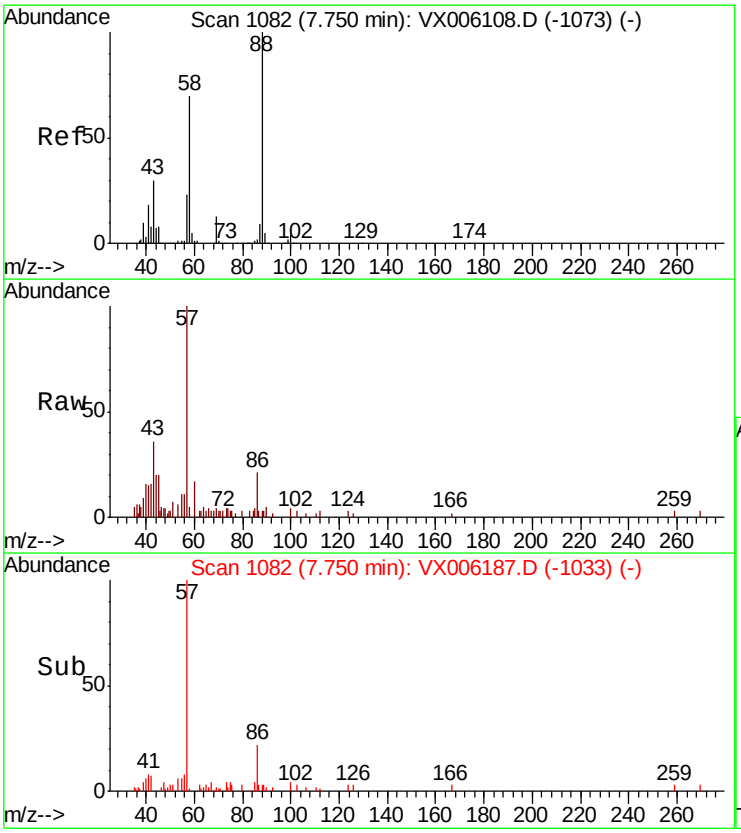
#48
Methyl methacrylate
Concen: 2.764 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 10808

Ion	Ratio	Lower	Upper
41	100		
69	1.5	62.8	94.2#
39	0.0	43.8	65.6#

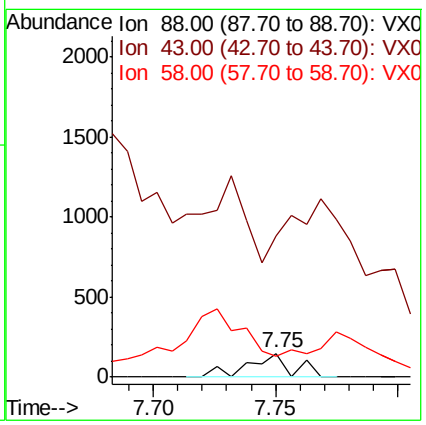


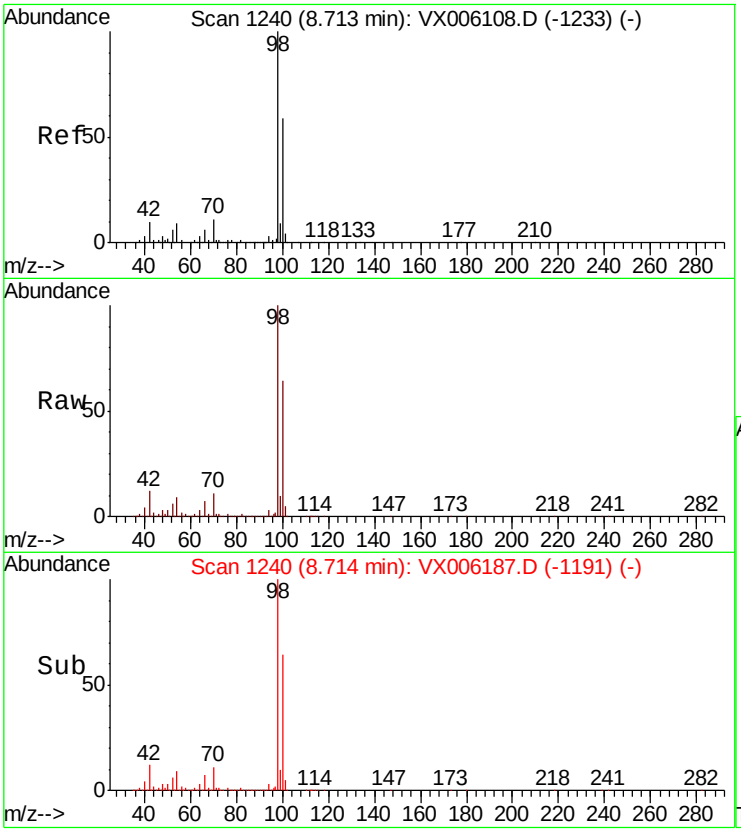


#49
1,4-Dioxane
Concen: 1.951 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.7	40.1#
58	0.0	58.5	87.7#



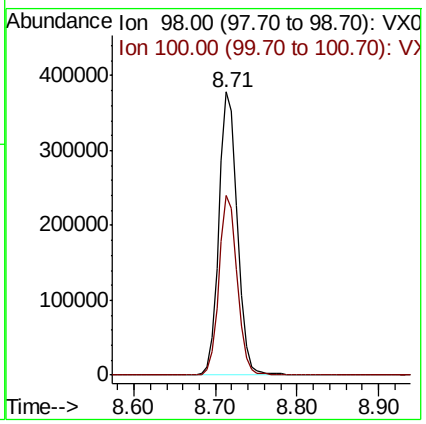


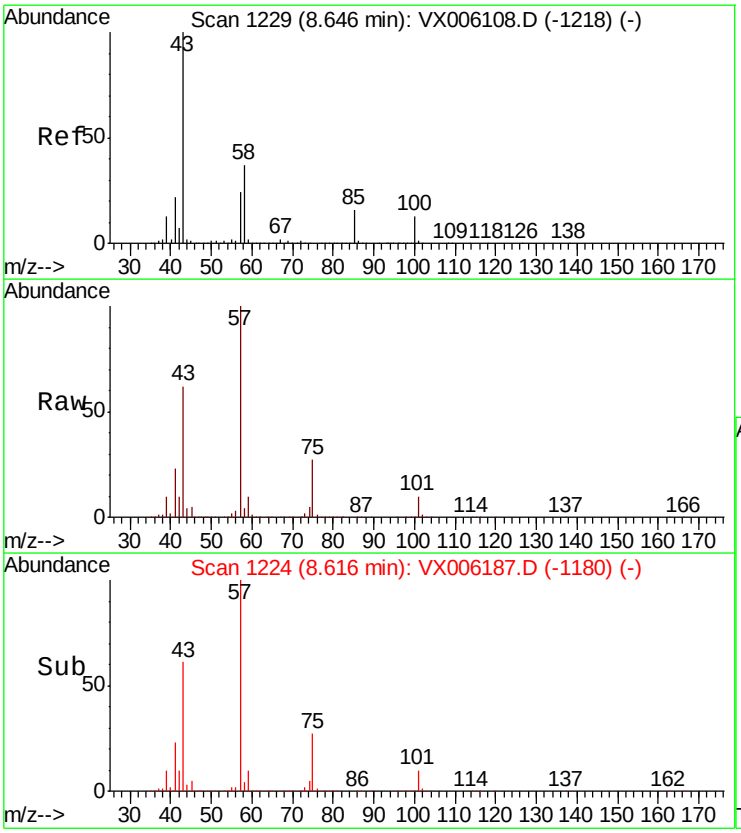
#50
Toluene-d8
Concen: 53.402 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 596379

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.0	76.4

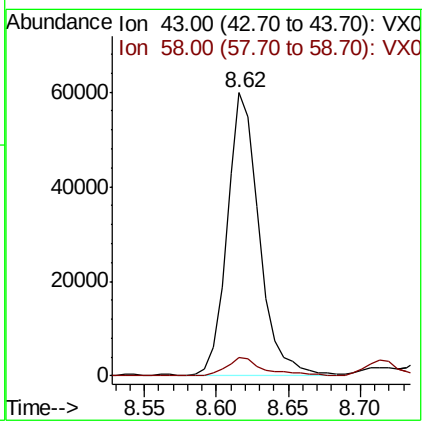


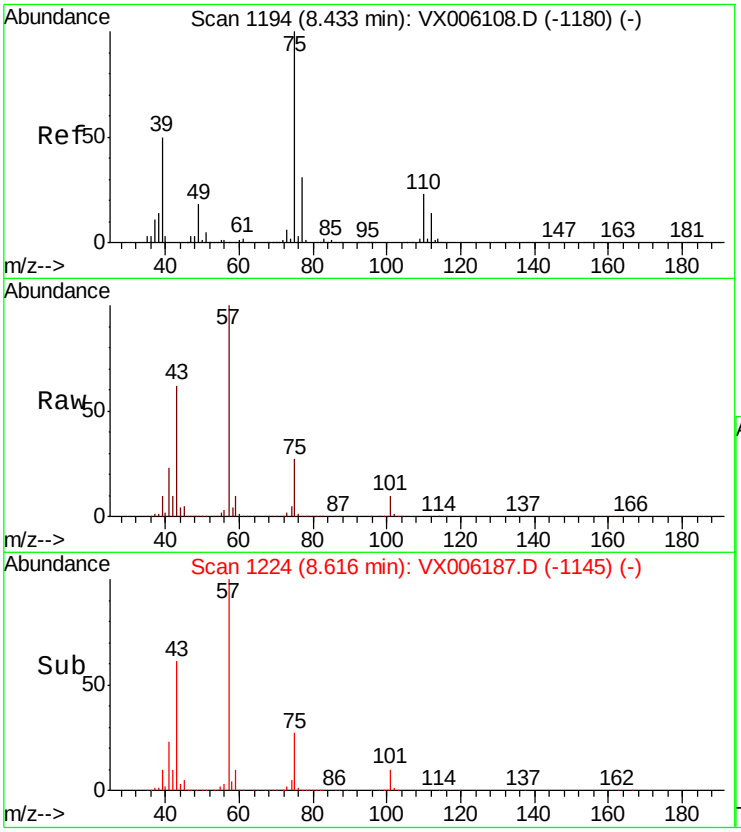


#51
4-Methyl-2-Pentanone
Concen: 16.707 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 43 Resp: 92345

Ion	Ratio	Lower	Upper
43	100		
58	7.8	29.9	44.9#



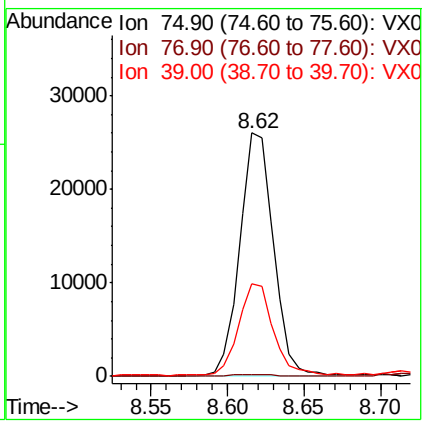


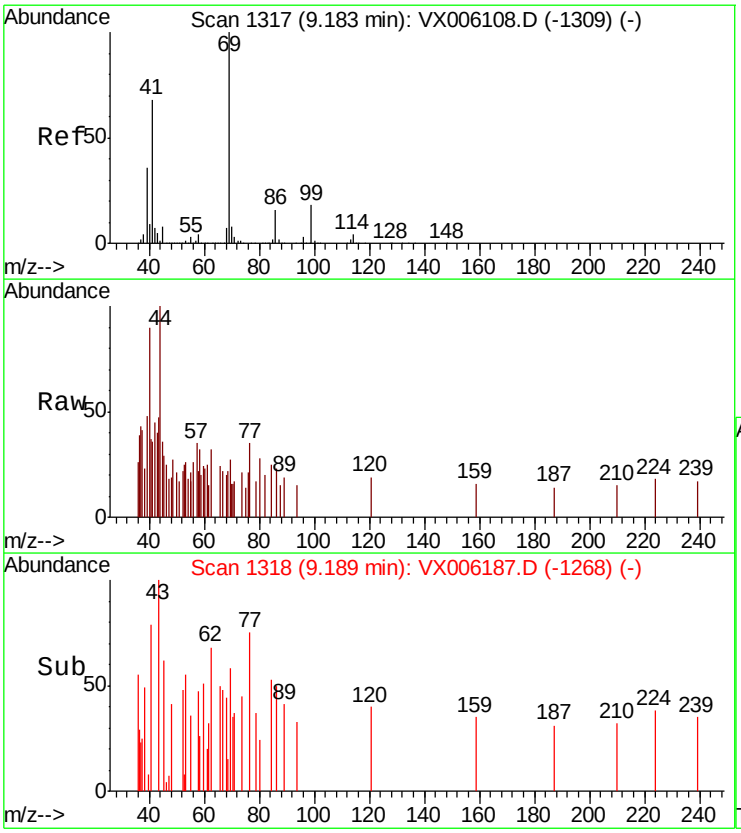
#54
cis-1,3-Dichloropropene
Concen: 8.424 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39823

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.7	37.1#
39	37.2	40.3	60.5#

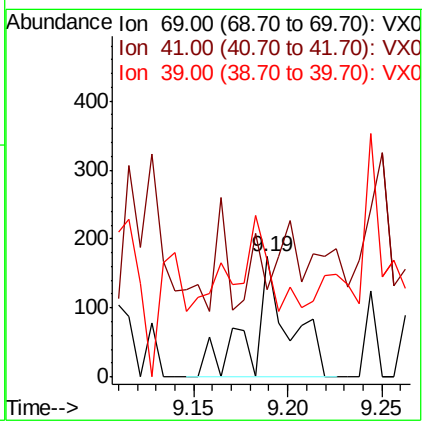


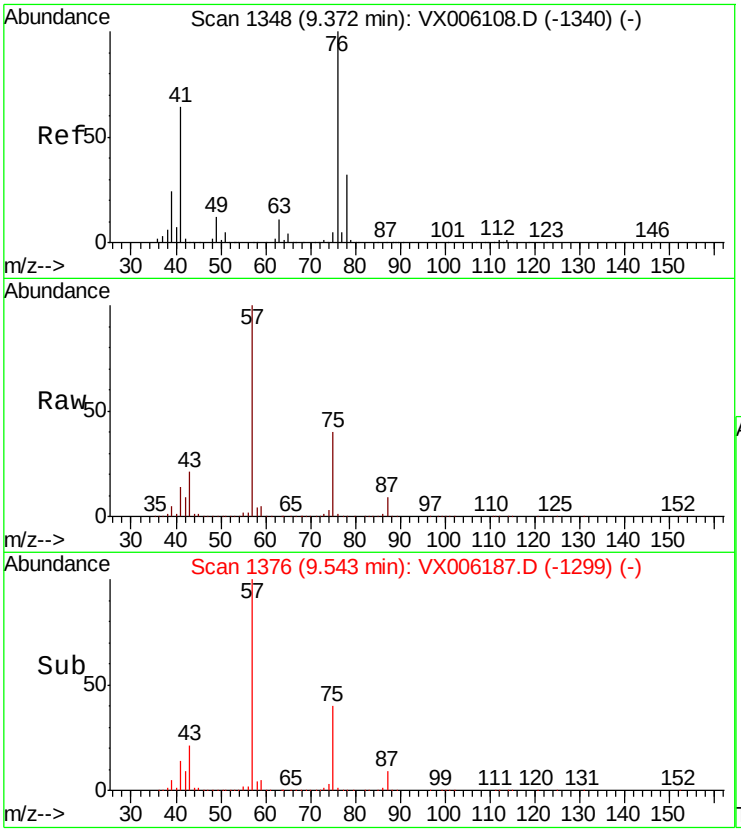


#56
Ethyl methacrylate
Concen: 2.910 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 69 Resp: 241

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.4#
39	0.0	29.4	44.0#



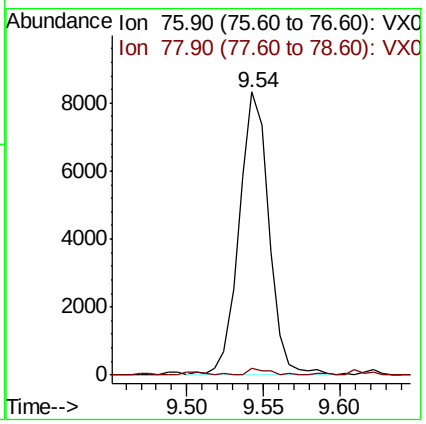


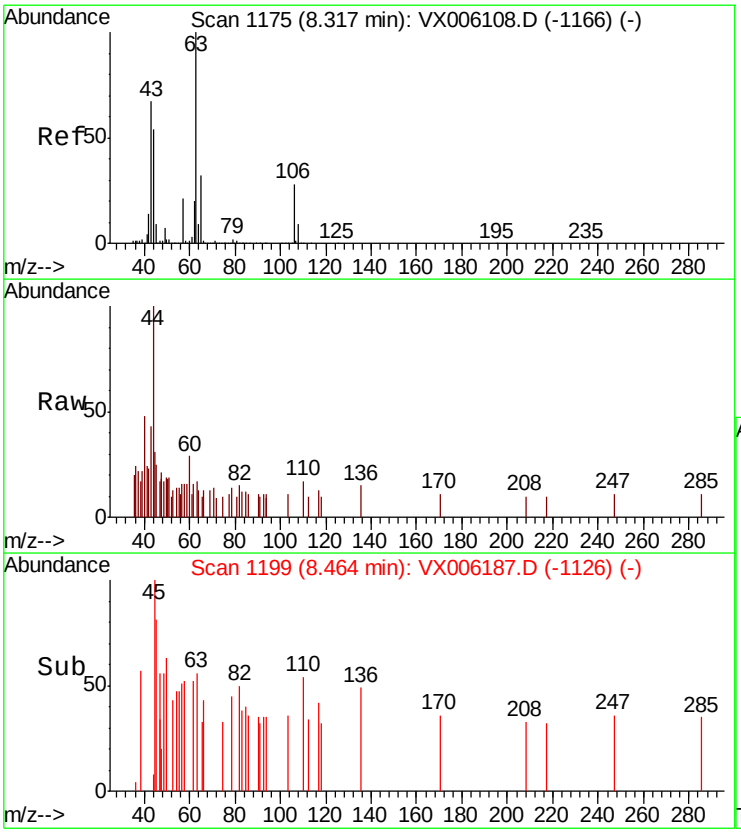
#57
1,3-Dichloropropane
Concen: 2.084 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 11247

Ion	Ratio	Lower	Upper
76	100		
78	1.7	25.7	38.5#

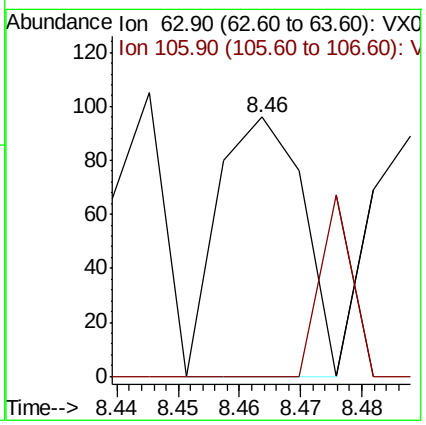


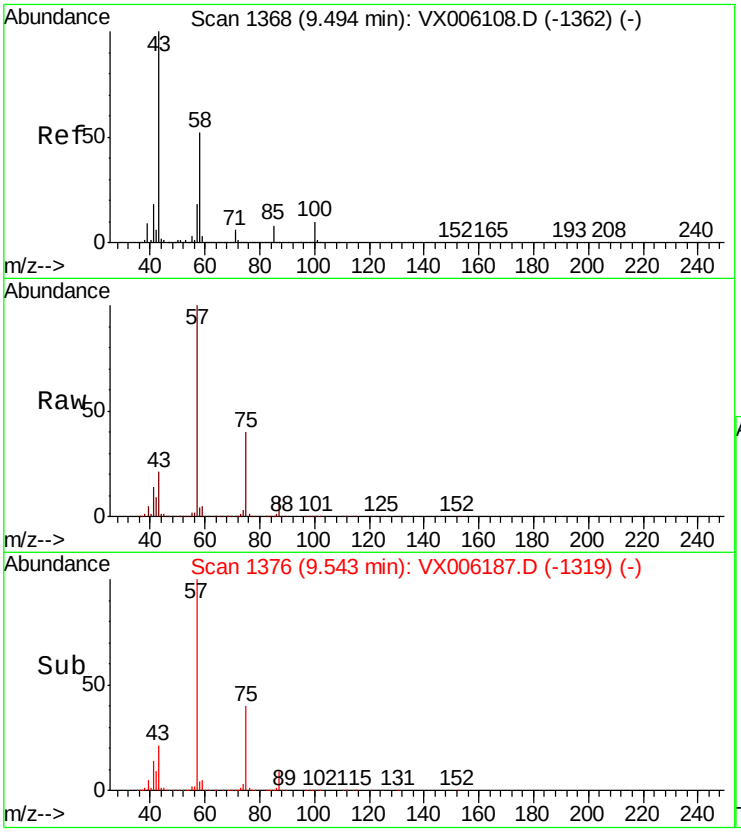


#58
2-Chloroethyl Vinyl ether
Concen: 6.753 ug/l
RT: 8.46 min Scan# 1199
Delta R.T. 0.15 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 63 Resp: 92

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.7	32.5



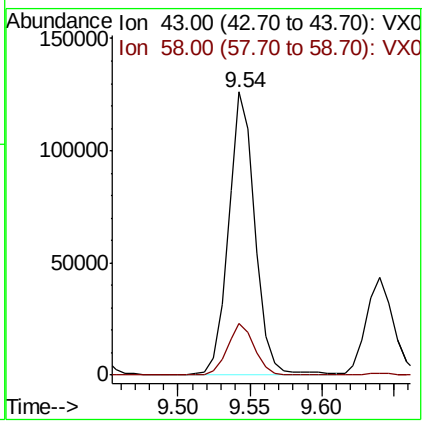


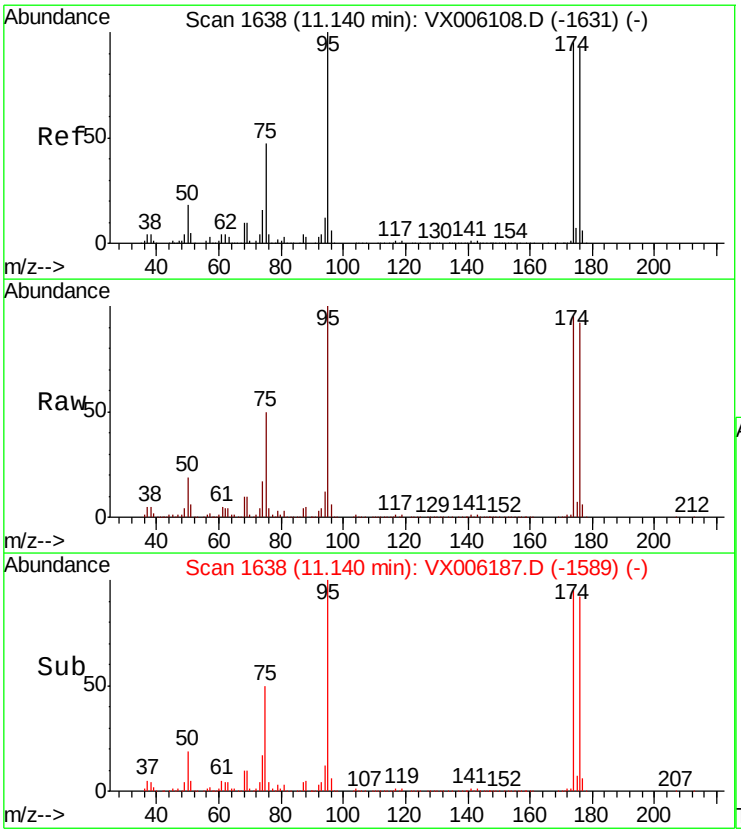
#59
2-Hexanone
Concen: 36.797 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 161411

Ion	Ratio	Lower	Upper
43	100		
58	18.6	26.3	78.9#

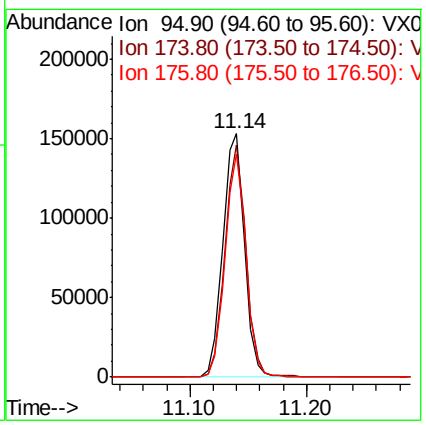


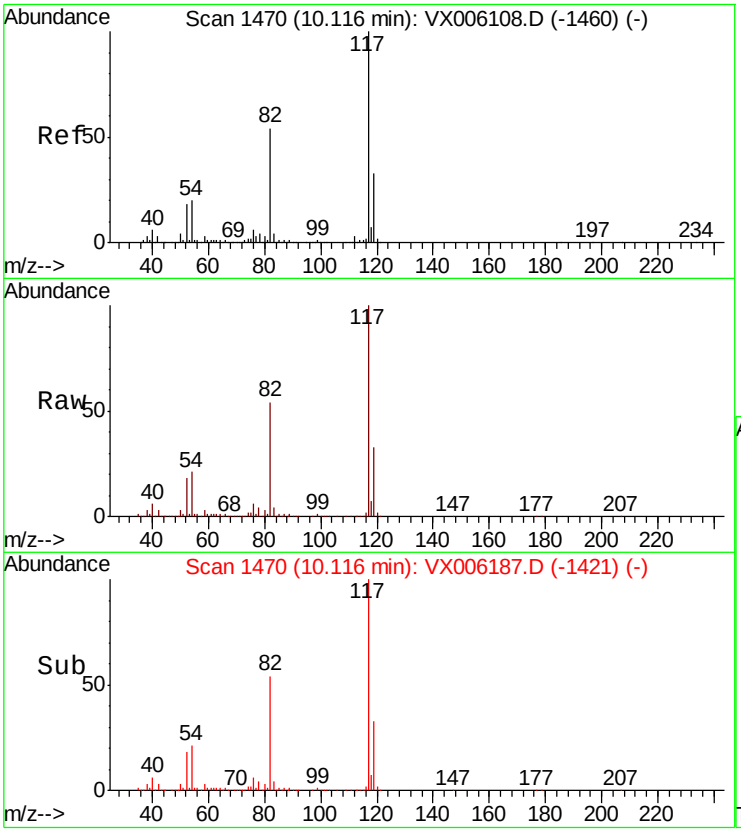


#62
4-Bromofluorobenzene
Concen: 46.989 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 95 Resp: 196891

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	184.4
176	89.2	0.0	179.0



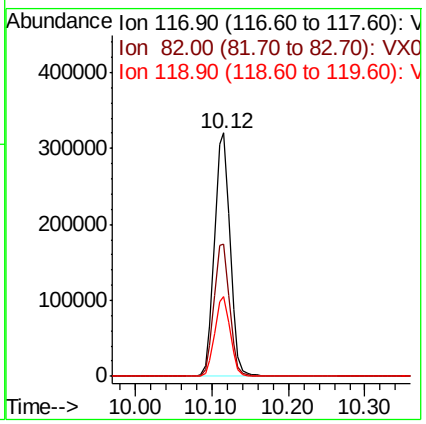


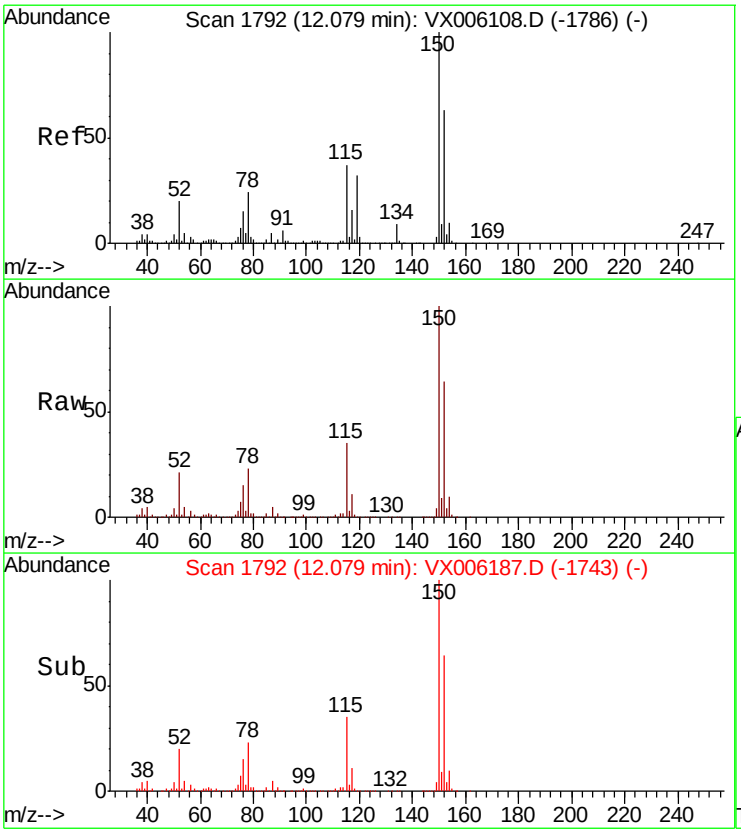
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 452878

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.6	26.1	39.1

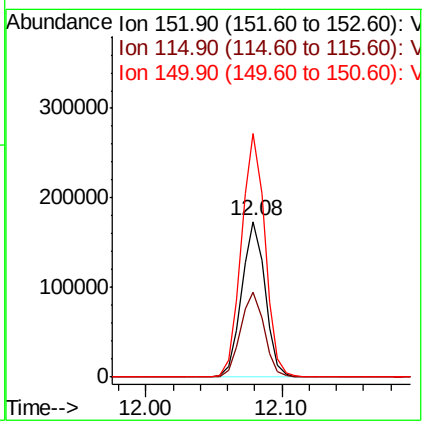


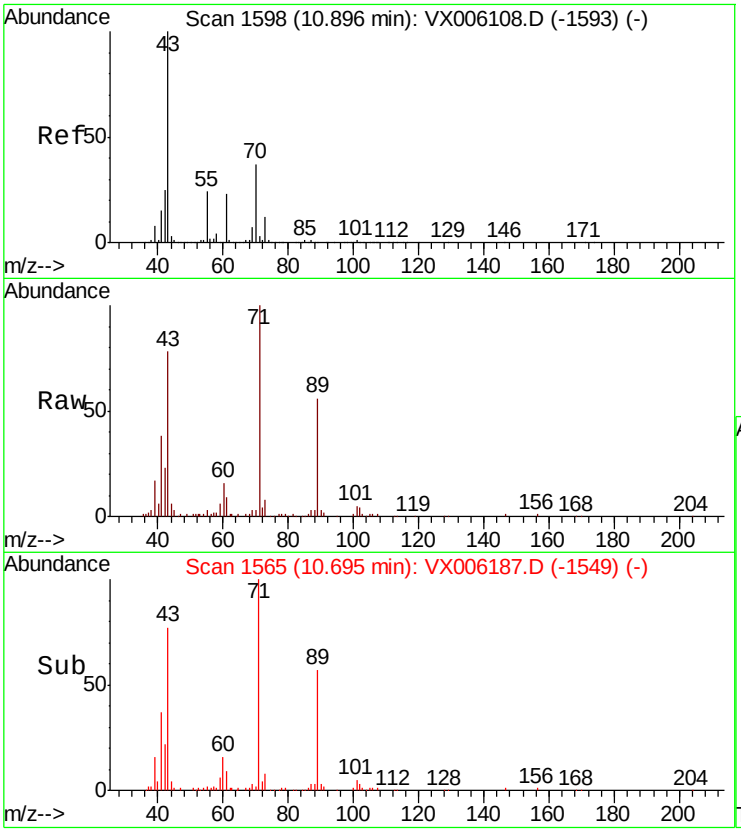


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion:152 Resp: 209021

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	116.9
150	157.6	0.0	346.6



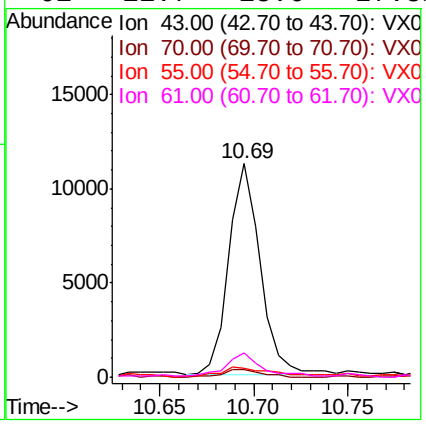


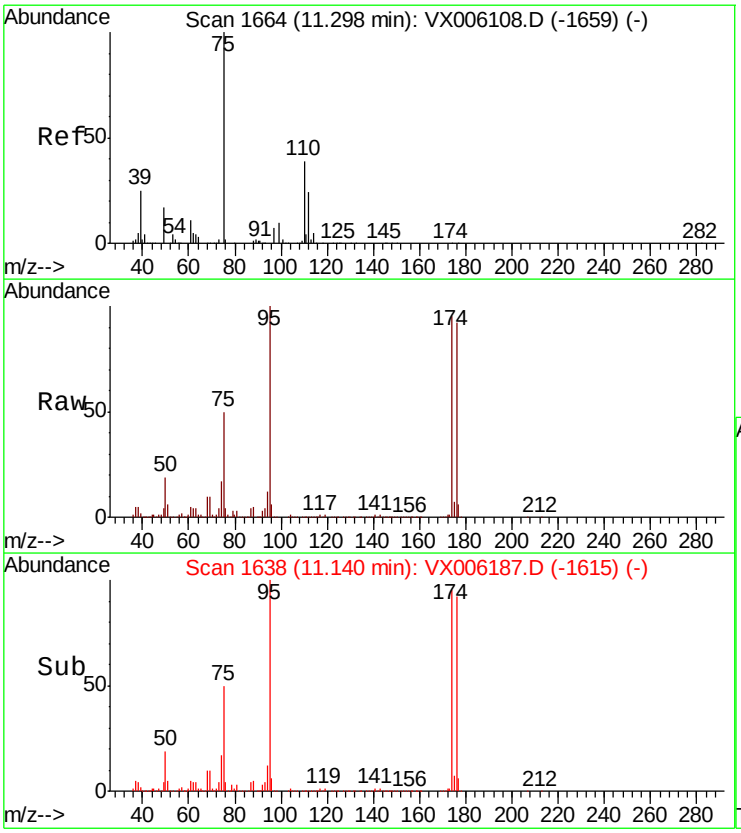
#74
N-amyl acetate
Concen: 4.117 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12973

Ion	Ratio	Lower	Upper
43	100		
70	4.7	31.8	47.6#
55	7.9	19.5	29.3#
61	11.7	18.6	27.8#

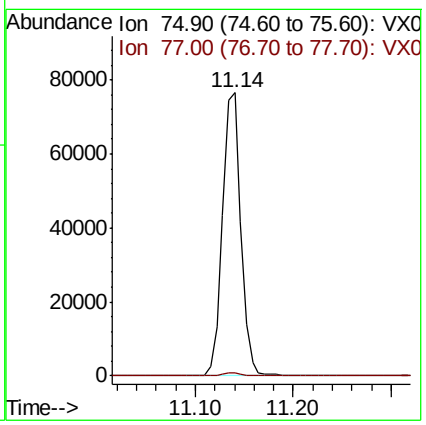


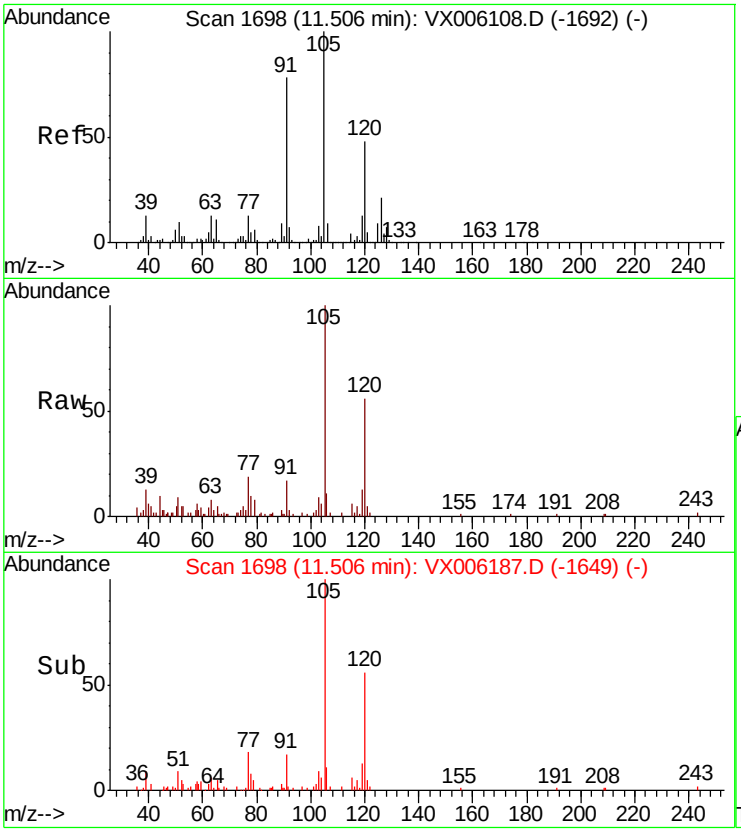


#76
1,2,3-Trichloropropane
Concen: 23.294 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 75 Resp: 100240

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.6	58.7#



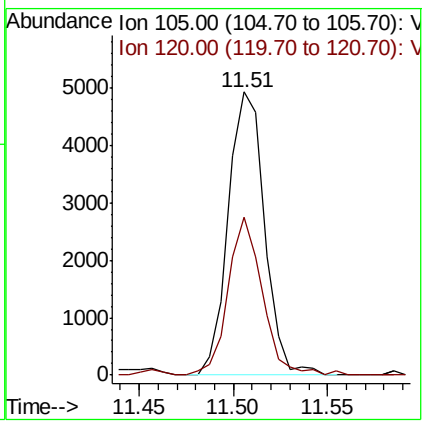


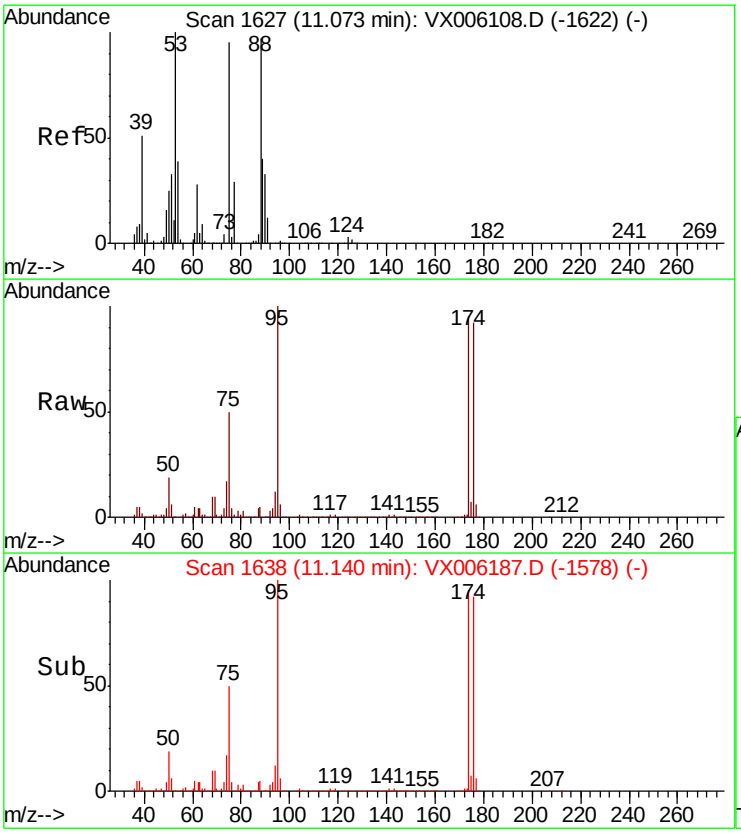
#80
1,3,5-Trimethylbenzene
Concen: 0.618 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 6592

Ion	Ratio	Lower	Upper
105	100		
120	52.8	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 78.785 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006187.D
Acq: 26 Nov 2018 20:31

Tgt Ion: 75 Resp: 100240

Ion	Ratio	Lower	Upper
75	100		
53	0.4	85.3	127.9#
89	0.0	37.2	55.8#