Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002334.D
Acq On : 06 Jun 2018 04:50
Operator : JC/MD
Sample : J3308-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-09

Quant Time: Jun 06 07:38:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	219878	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	324313	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	305433	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178026	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	162067	51.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.32%				
35) Dibromofluoromethane	5.51	113	118216	46.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.70%				
50) Toluene-d8	8.72	98	472343	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
62) 4-Bromofluorobenzene	11.14	95	168248	44.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.26%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	4179	Below Cal		#	49
5) Bromomethane	1.67	94	835	Below Cal		#	51
8) Diethyl Ether	2.28	74	25	Below Cal			71
11) Tert butyl alcohol	3.07	59	5251	Below Cal		#	73
13) Acrolein	2.30	56	128	Below Cal		#	14
15) Acrylonitrile	3.17	53	270	Below Cal		#	76
16) Acetone	2.45	43	3208	Below Cal			97
17) Carbon Disulfide	2.58	76	1877	0.30	ug/l	#	90
18) Methyl Acetate	2.78	43	87	Below Cal		#	55
19) Methyl tert-butyl Ether	3.20	73	496	Below Cal		#	54
20) Methylene Chloride	2.86	84	240	Below Cal		#	33
22) Diisopropyl ether	3.89	45	77	Below Cal		#	1
25) 2-Butanone	4.71	43	1136	0.53	ug/l	#	83
28) Bromochloromethane	5.03	49	19	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	435	0.31	ug/l	#	36
36) 1,1-Dichloropropene	5.67	75	15608	4.58	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	20798	5.83	ug/l	#	15
39) Methylcyclohexane	7.46	83	1796	0.69	ug/l		85
41) Methacrylonitrile	5.05	41	473	0.20	ug/l	#	29
55) 1,1,2-Trichloroethane	9.16	97	1764	0.65	ug/l	#	19
73) Isopropylbenzene	11.02	105	16157	1.30	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	91262	23.36	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	91262	81.89	ug/l	#	7
83) tert-Butylbenzene	11.77	119	4827	0.47	ug/l		89
85) sec-Butylbenzene	11.95	105	7886	0.65	ug/l	#	75
86) p-Isopropyltoluene	12.24	119	5902	0.53	ug/l		90
90) Hexachloroethane	12.71	117	933	0.53	ug/l	#	1

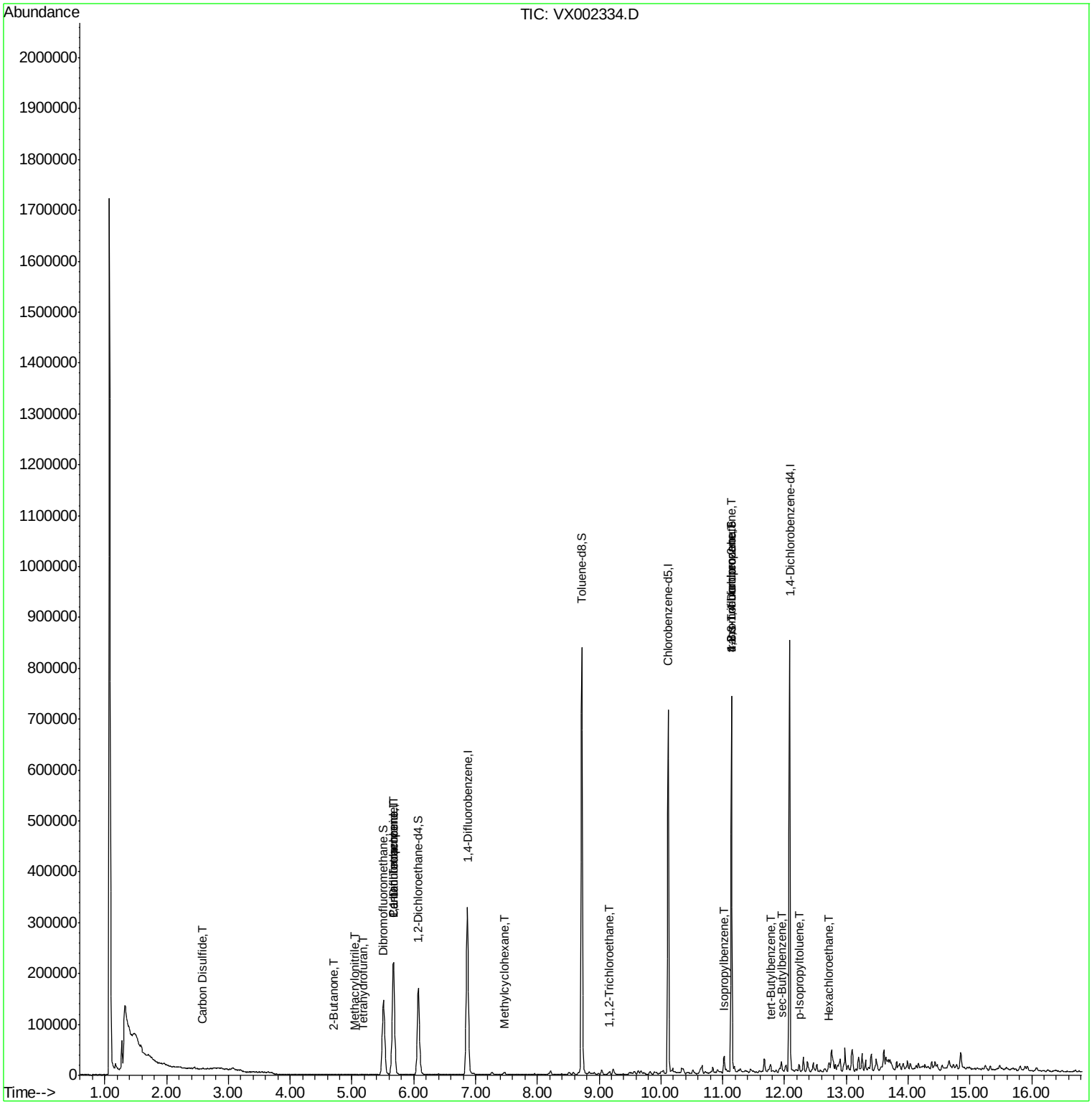
(#) = qualifier out of range (m) = manual integration (+) = signals summed

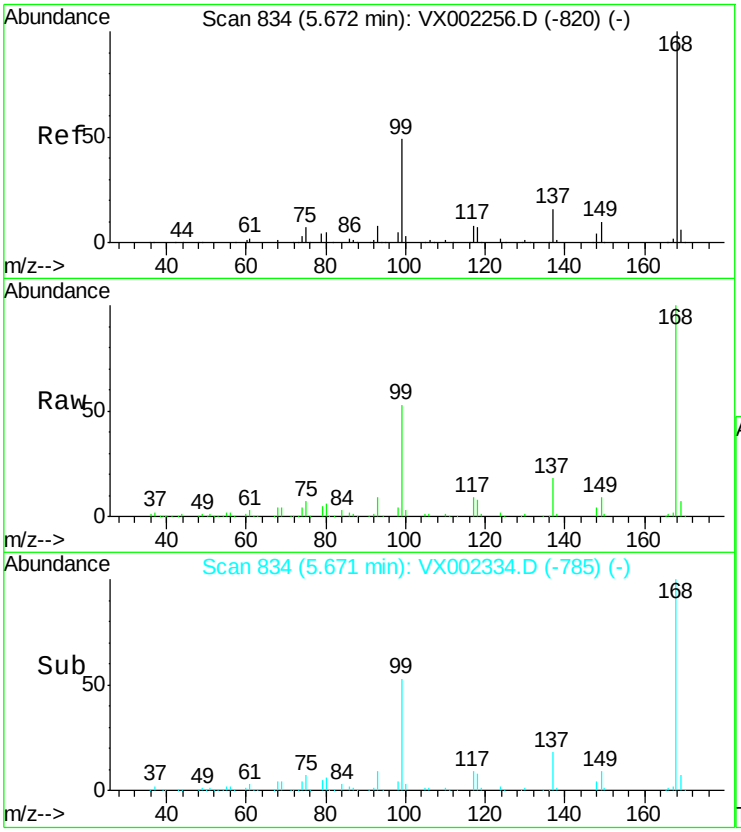
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002334.D
Acq On : 06 Jun 2018 04:50
Operator : JC/MD
Sample : J3308-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Quant Time: Jun 06 07:38:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



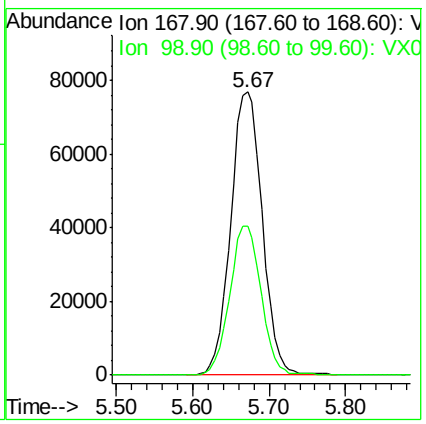


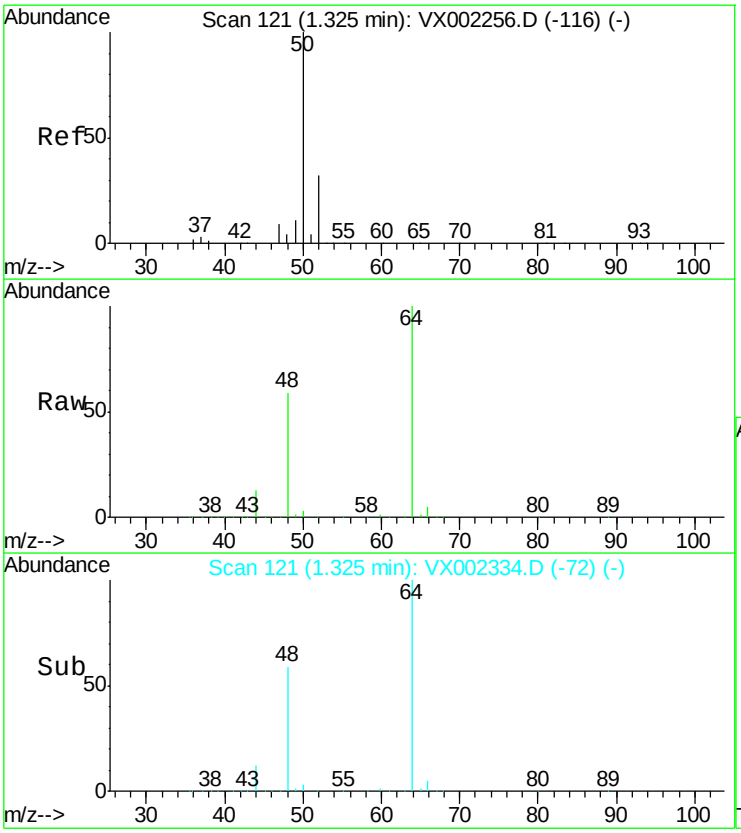
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:168 Resp: 219878

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.3	58.9

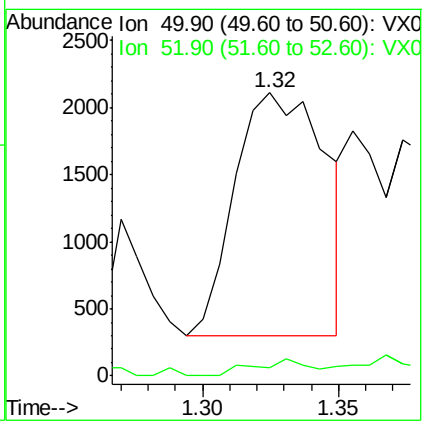


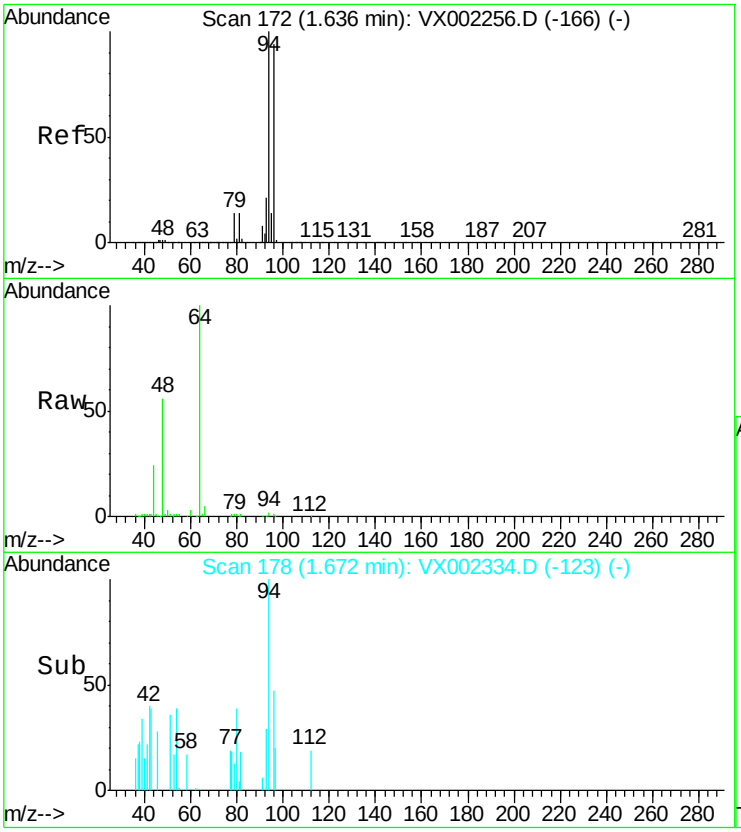


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 50 Resp: 4179

Ion	Ratio	Lower	Upper
50	100		
52	3.6	25.7	38.5#



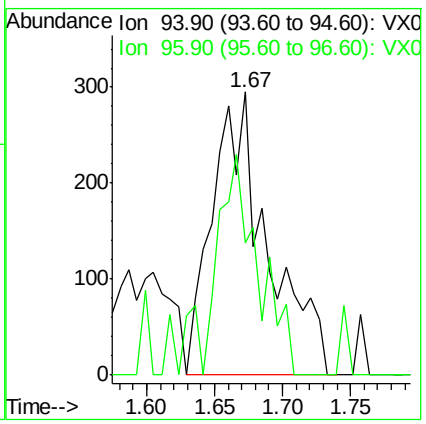


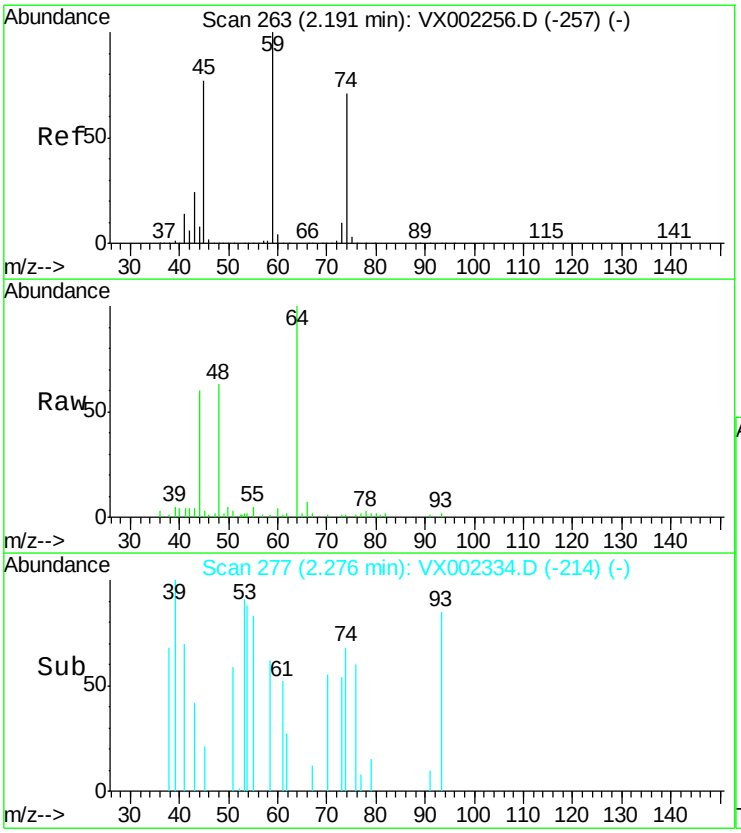
#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 178
Delta R.T. 0.04 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 94 Resp: 835

Ion	Ratio	Lower	Upper
94	100		
96	46.8	74.9	112.3#

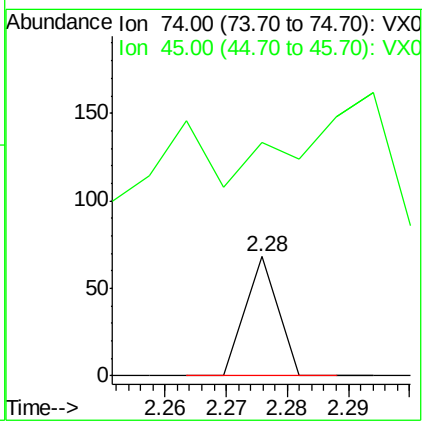


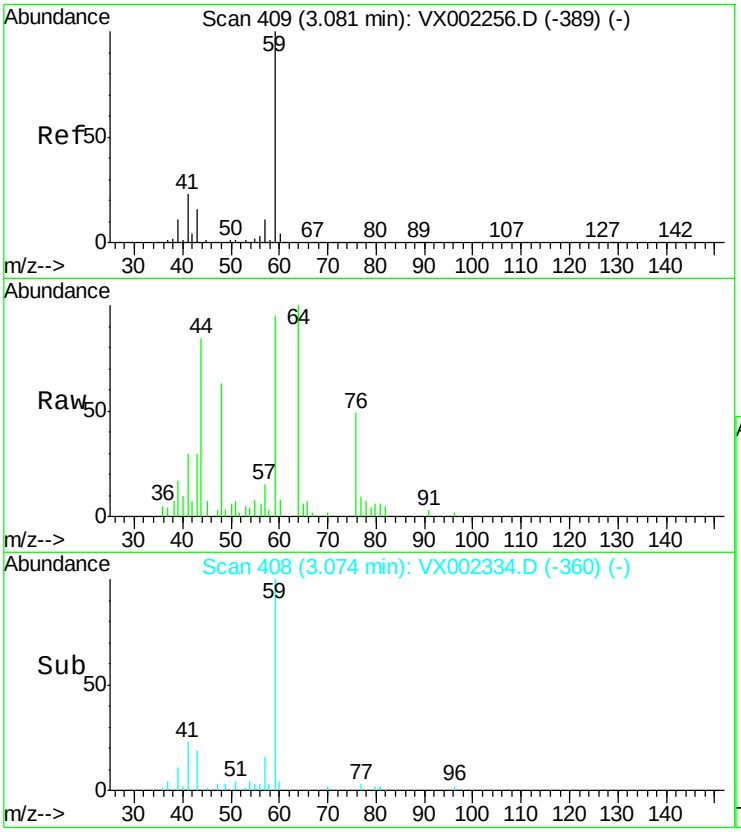


#8
Diethyl Ether
Concen: Below Cal
RT: 2.28 min Scan# 277
Delta R.T. 0.09 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 74 Resp: 25

Ion	Ratio	Lower	Upper
74	100		
45	136.0	53.1	159.4



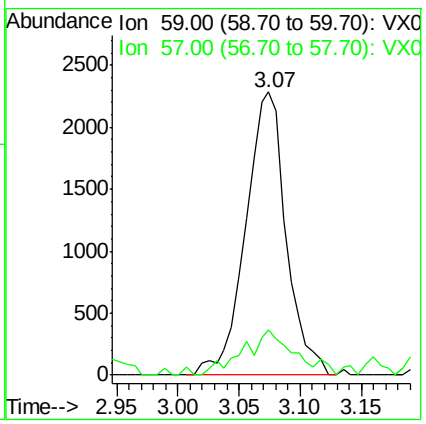


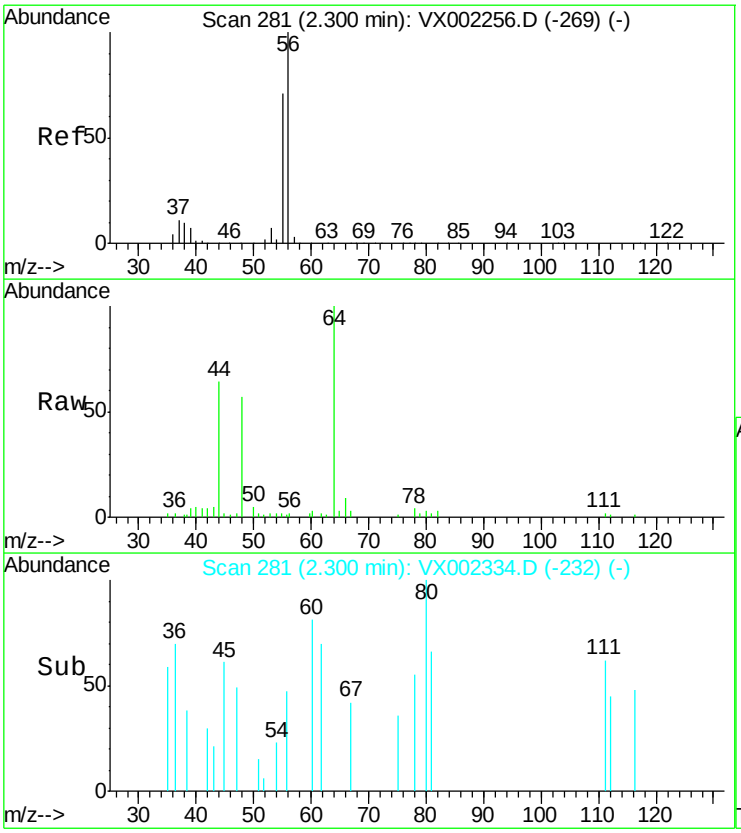
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 59 Resp: 5251

Ion	Ratio	Lower	Upper
59	100		
57	20.3	8.2	12.2#

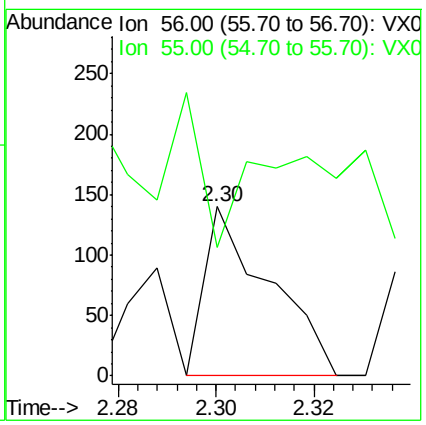


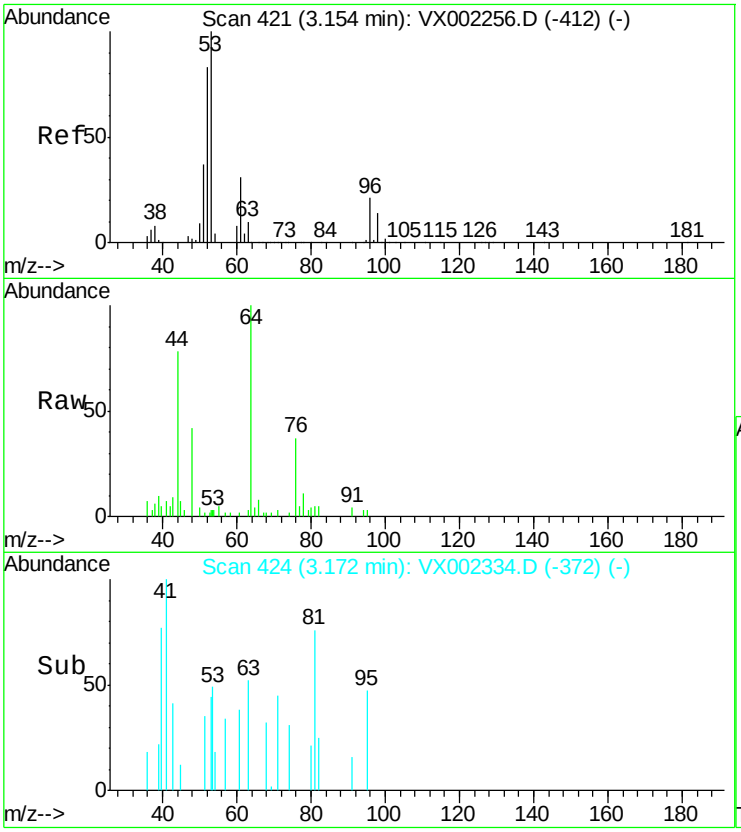


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 56 Resp: 128

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



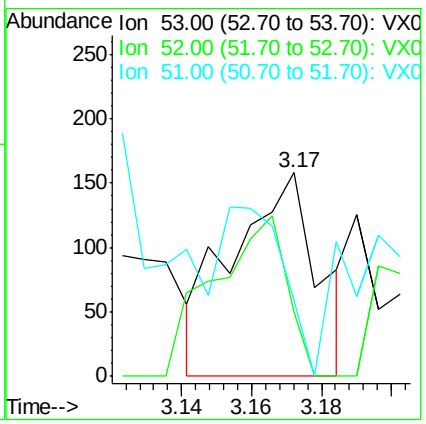


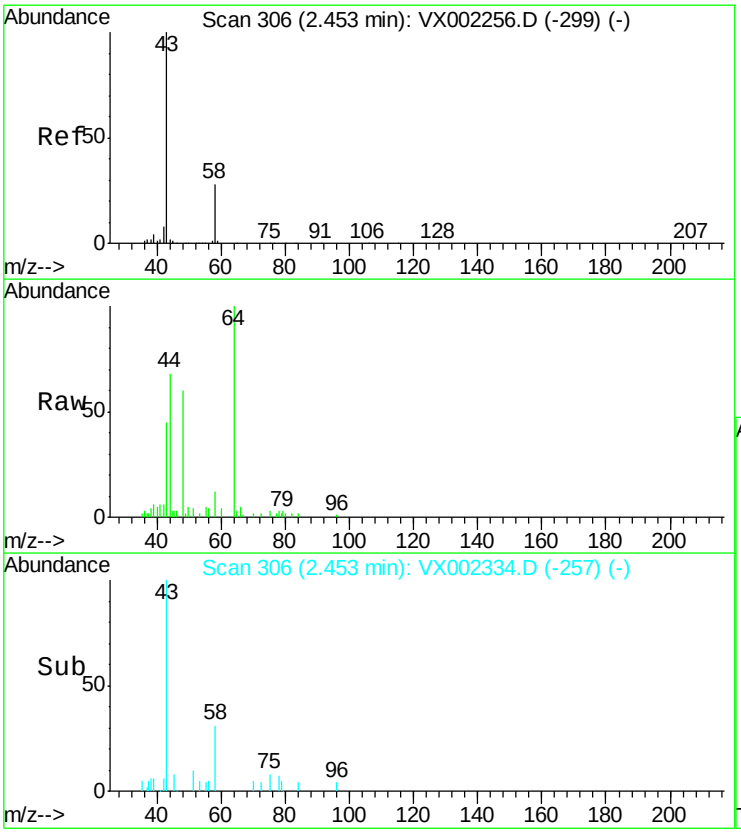
#15
Acrylonitrile
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.02 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 53 Resp: 270

Ion	Ratio	Lower	Upper
53	100		
52	67.4	66.7	100.1
51	59.6	29.9	44.9#

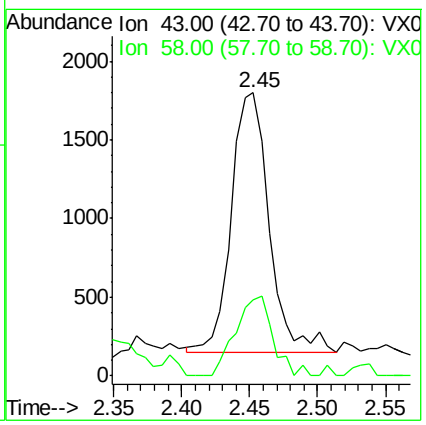


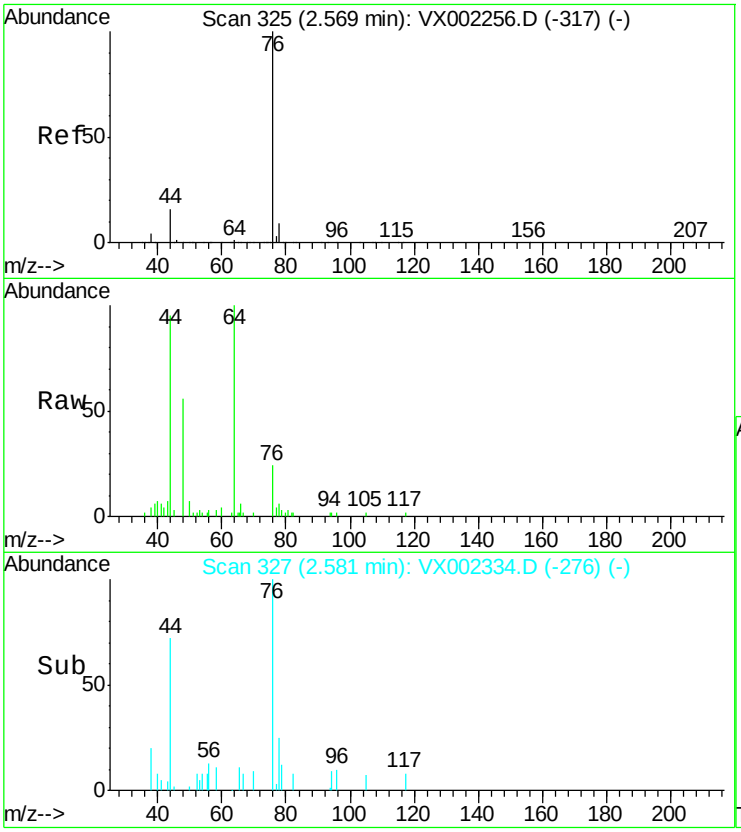


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 43 Resp: 3208

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1



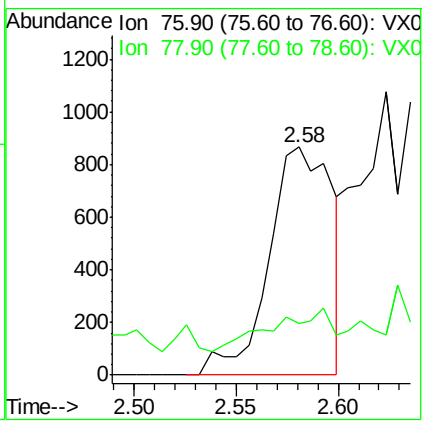


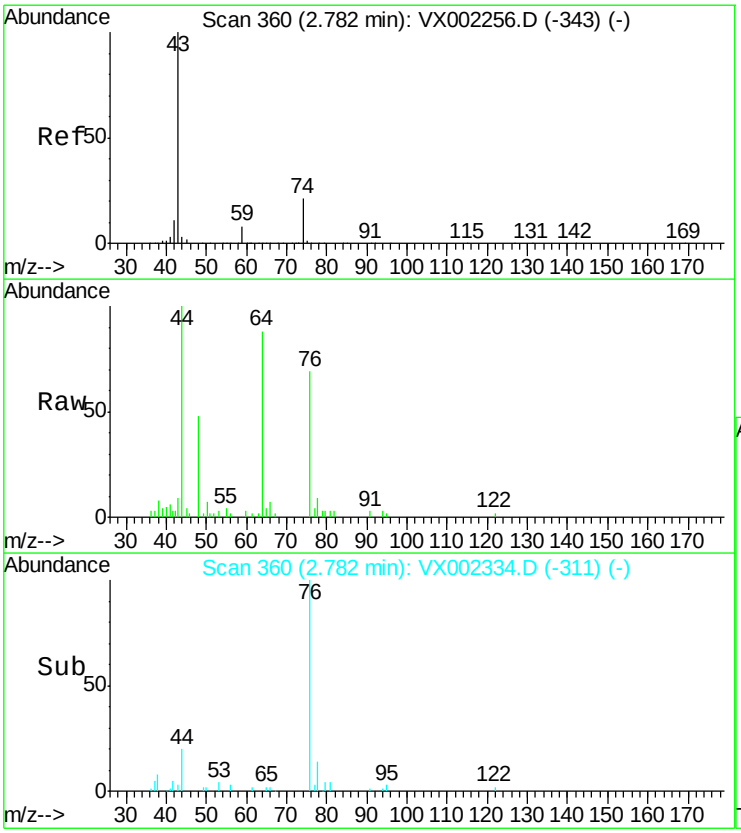
#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument : MSVOA_X
ClientSampleId : MW-09

Tgt Ion: 76 Resp: 1877

Ion	Ratio	Lower	Upper
76	100		
78	5.2	6.9	10.3#

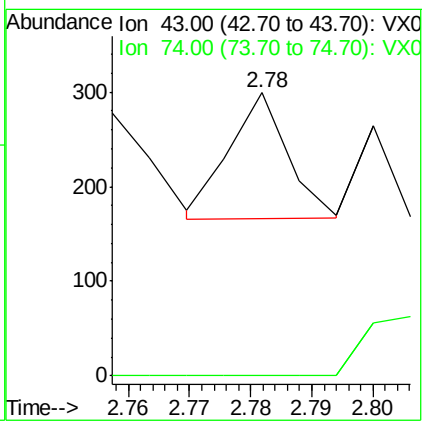


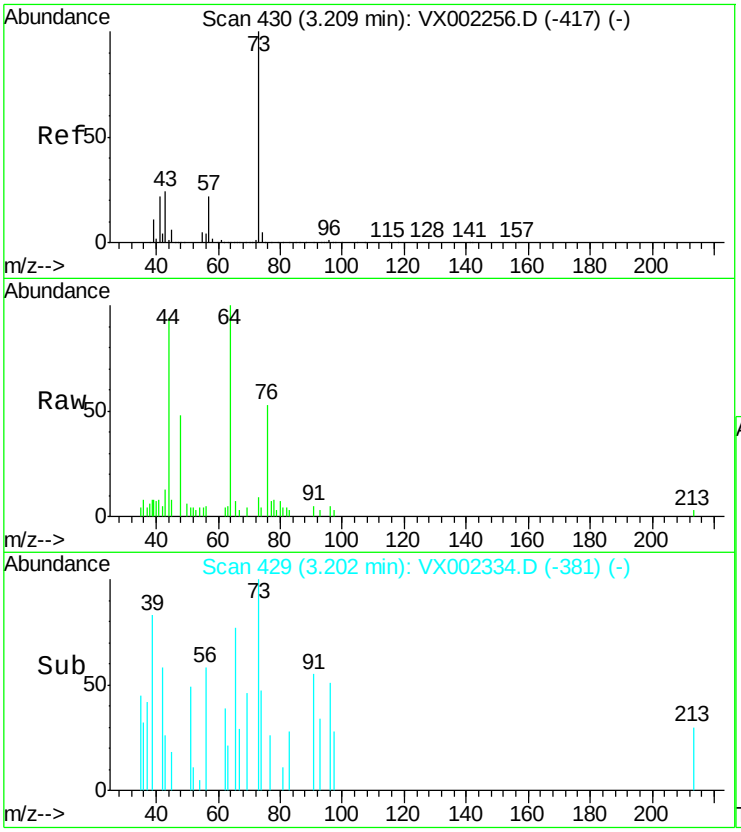


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 43 Resp: 87

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#



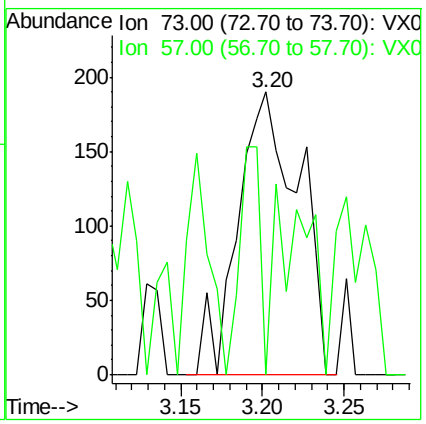


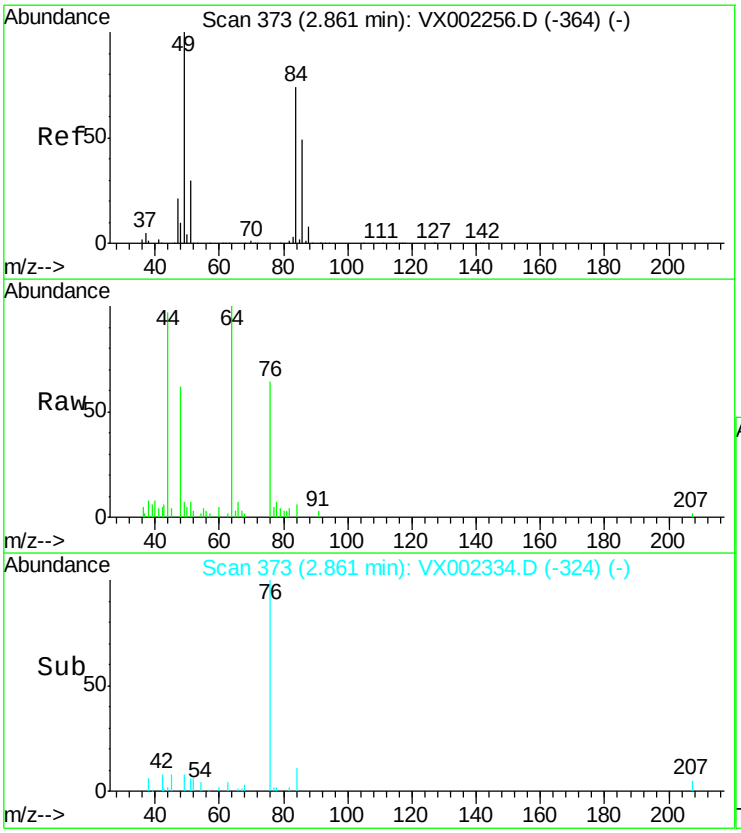
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 73 Resp: 496

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.7	26.5#

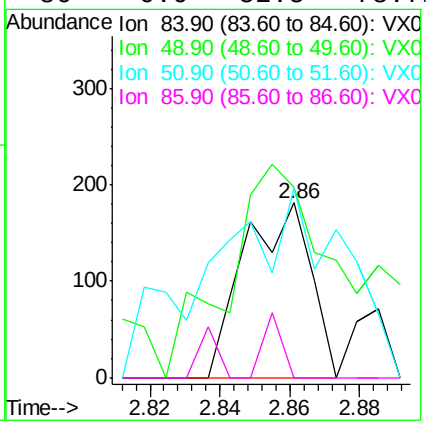


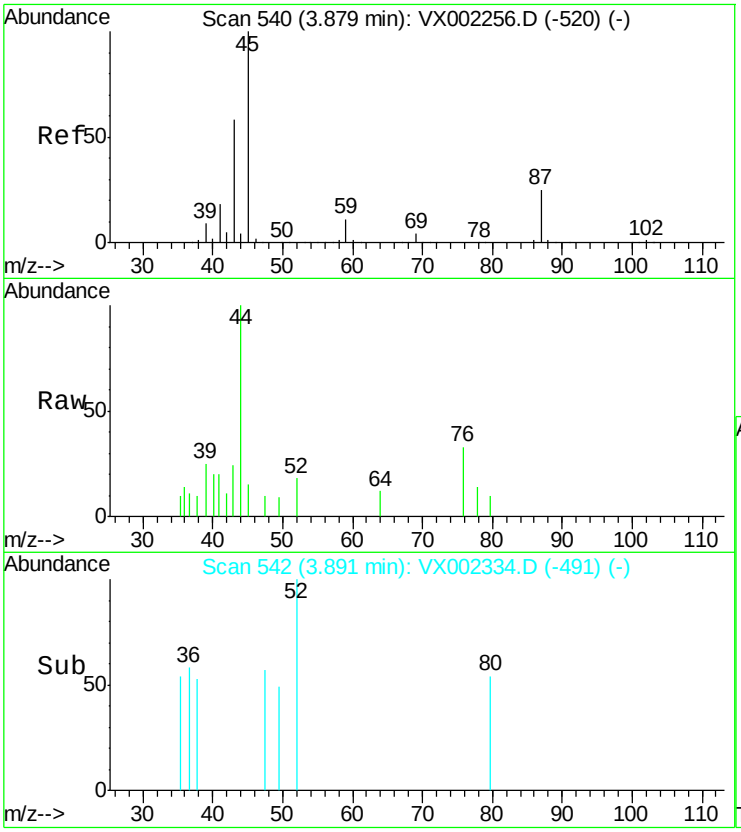


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 84 Resp: 240

Ion	Ratio	Lower	Upper
84	100		
49	59.7	107.8	161.6#
51	75.1	32.8	49.2#
86	0.0	52.5	78.7#



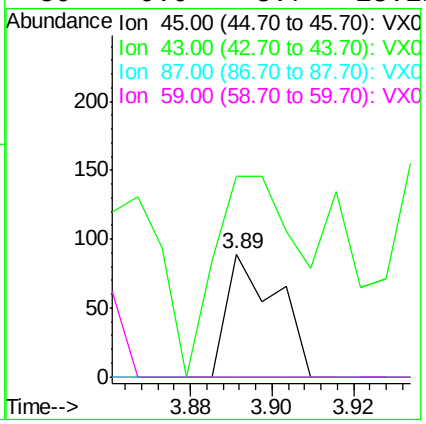


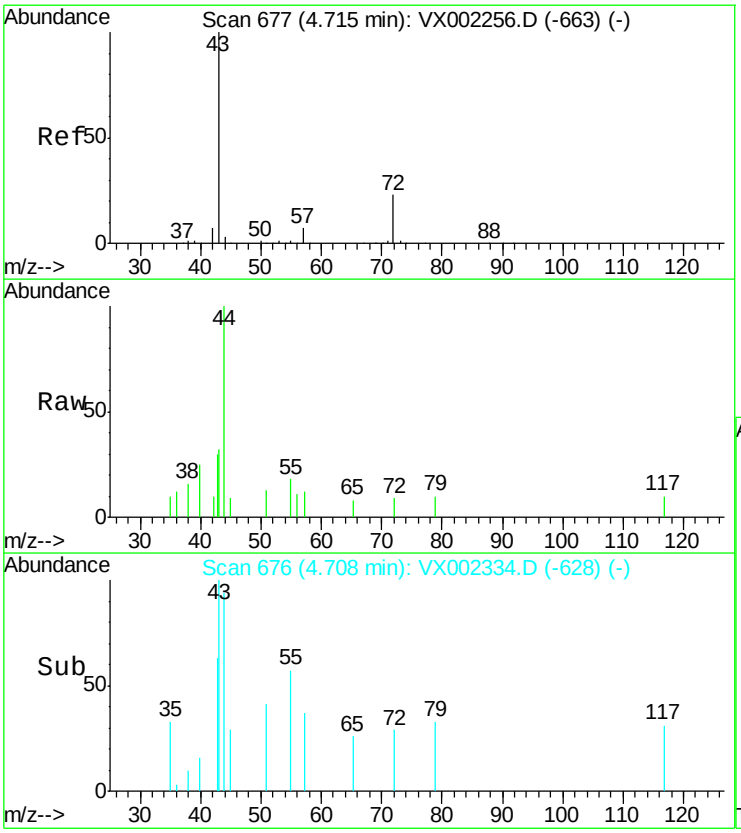
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument : MSVOA_X
ClientSampleId : MW-09

Tgt Ion: 45 Resp: 77

Ion	Ratio	Lower	Upper
45	100		
43	164.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

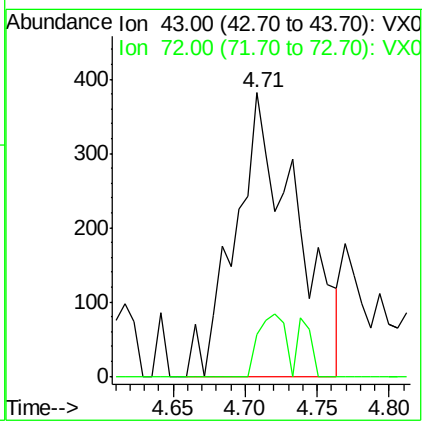


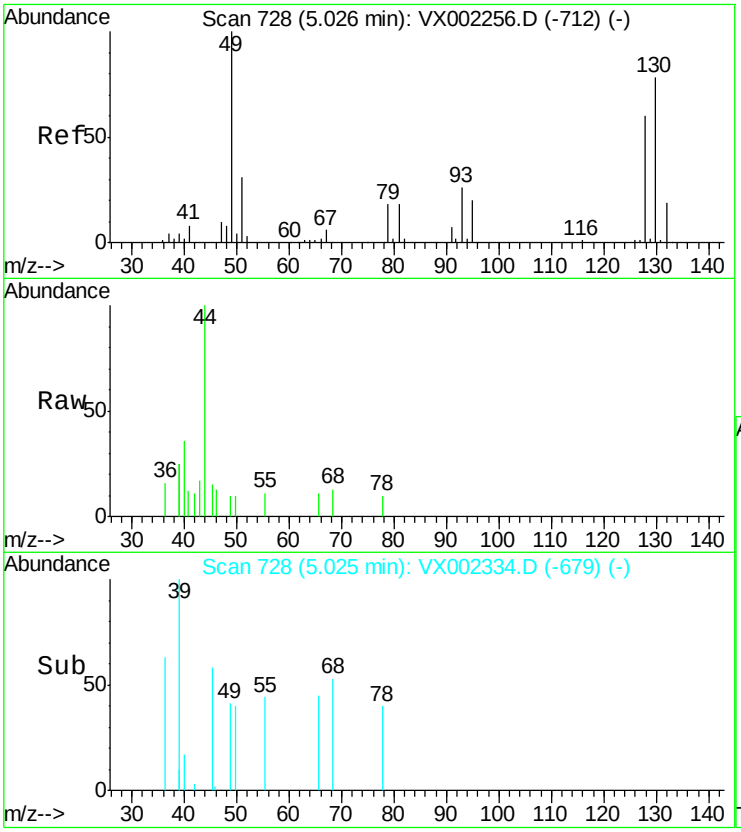


#25
2-Butanone
Concen: 0.53 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 43 Resp: 1136

Ion	Ratio	Lower	Upper
43	100		
72	14.9	18.5	27.7#



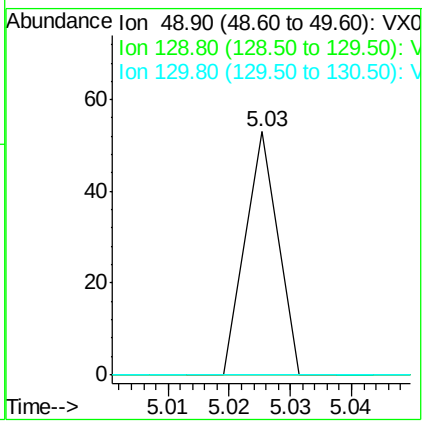


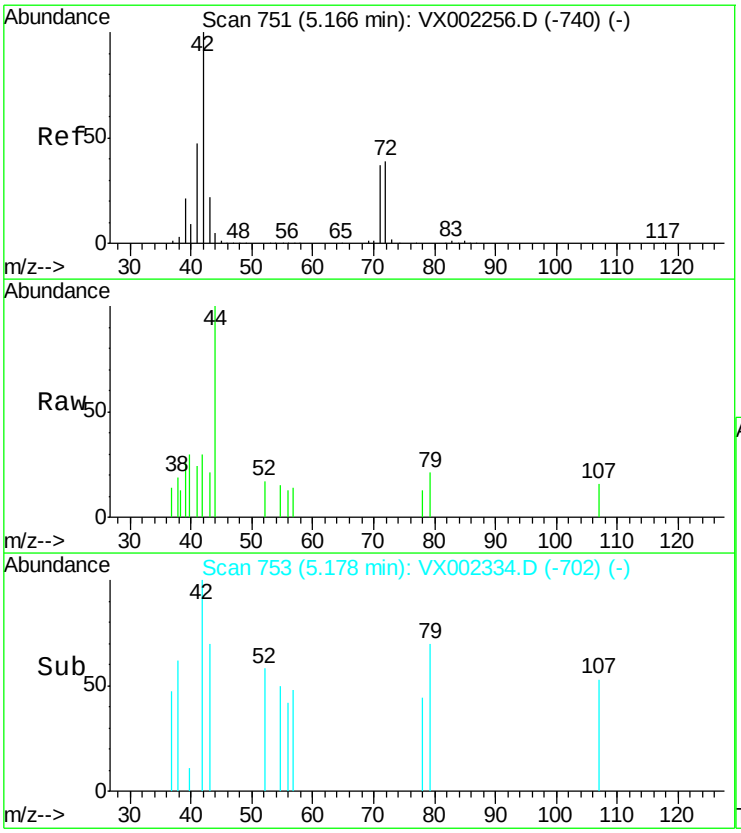
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#

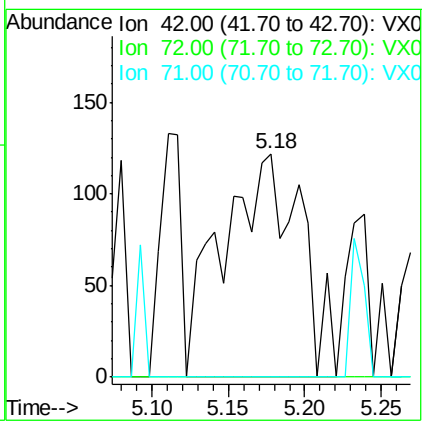


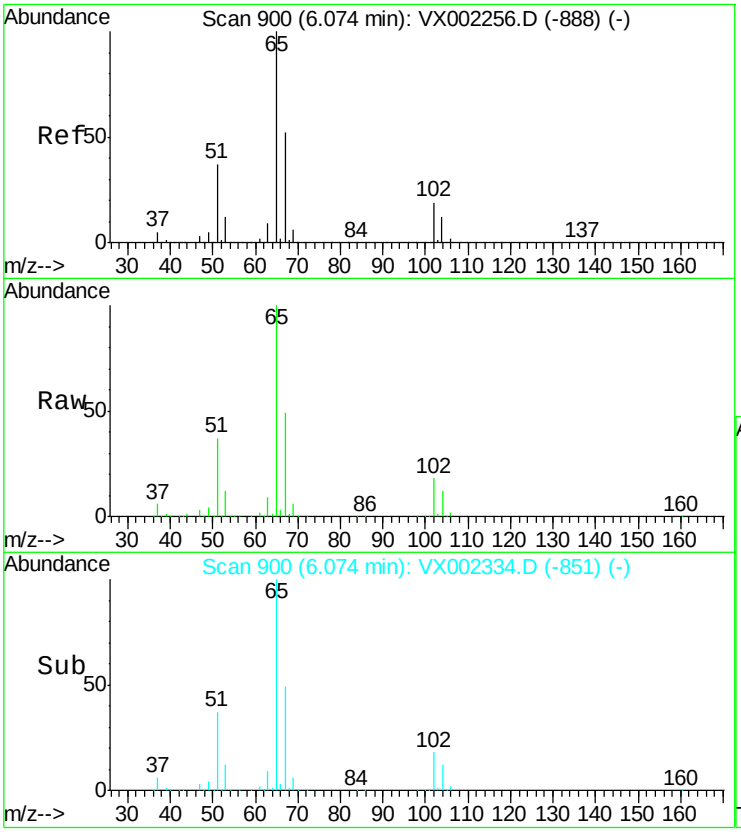


#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 42 Resp: 435

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#



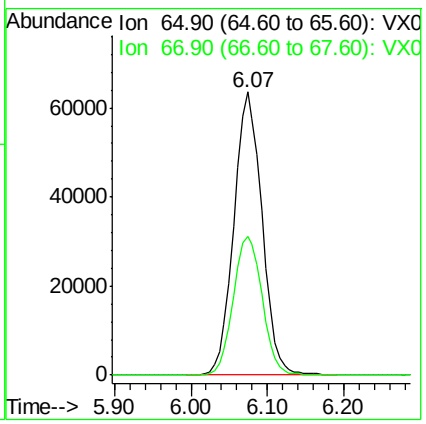


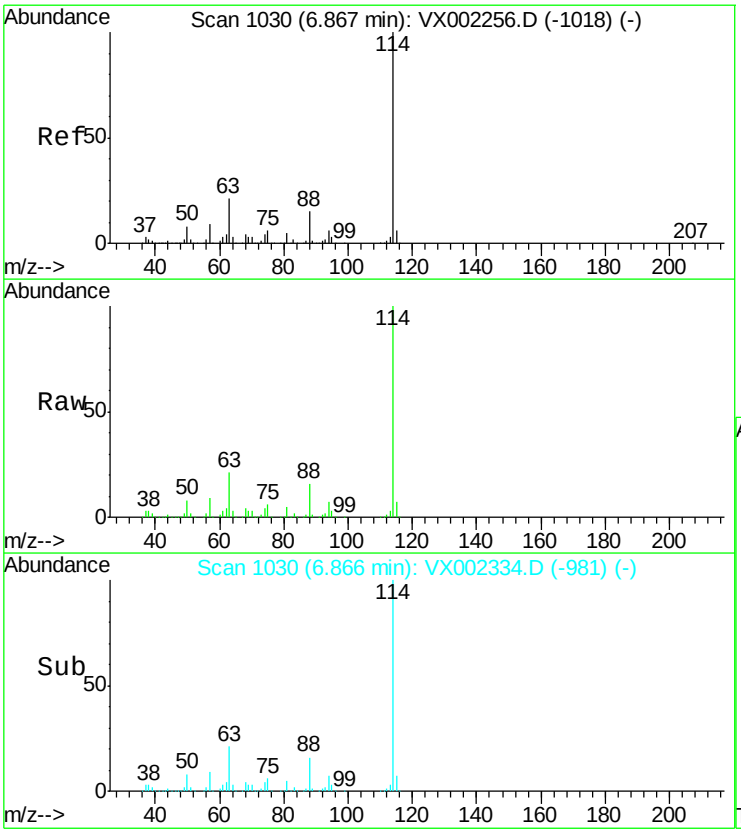
#33
1,2-Dichloroethane-d4
Concen: 51.66 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 65 Resp: 162067

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

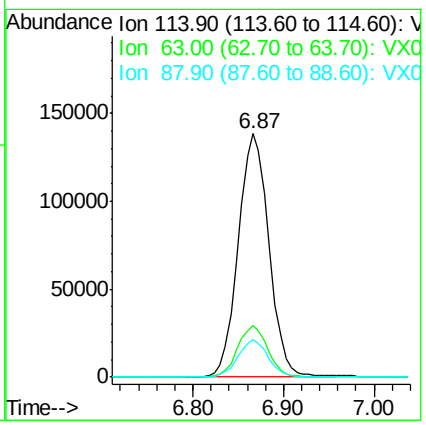


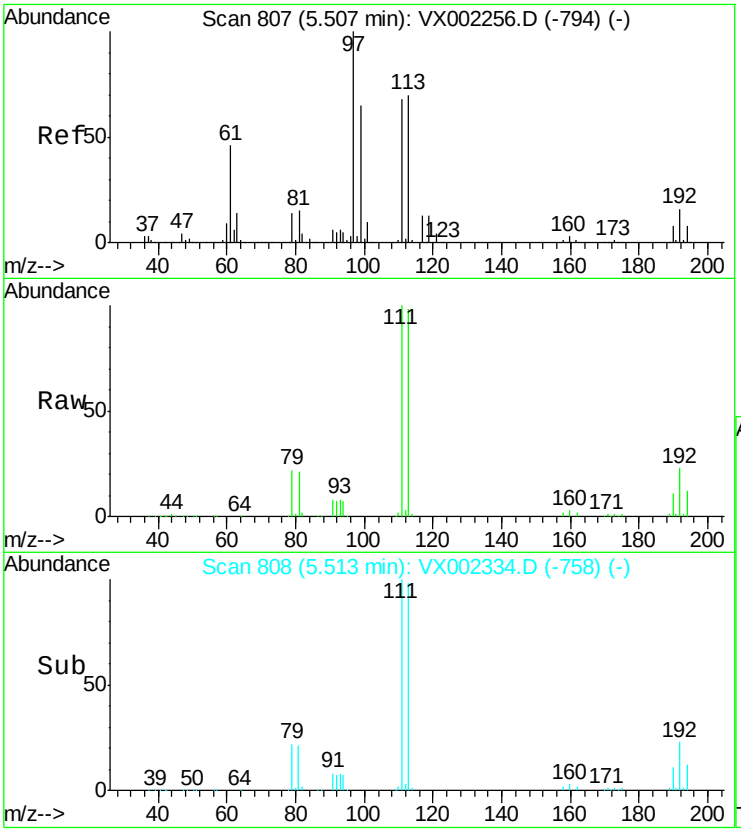


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion:114 Resp: 324313

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.4
88	15.6	0.0	30.0



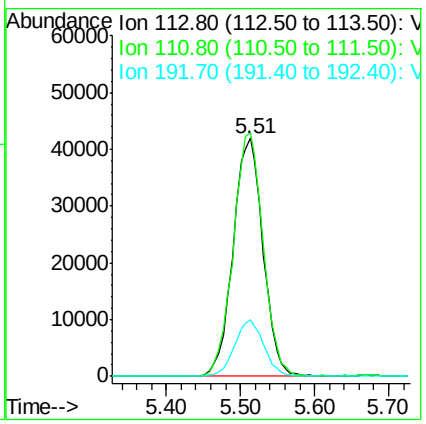


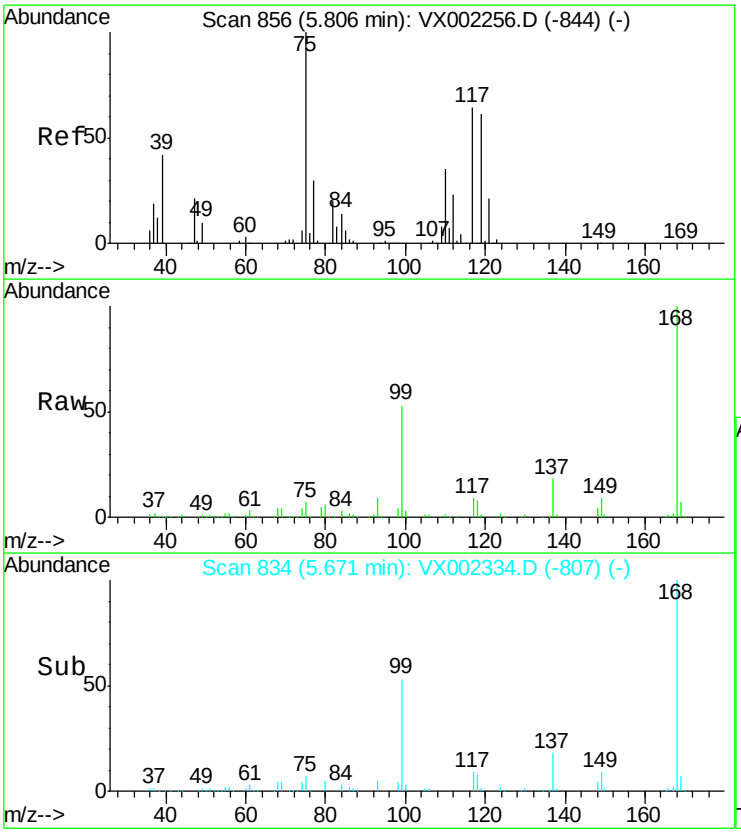
#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:113 Resp: 118216

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.2	19.1	28.7

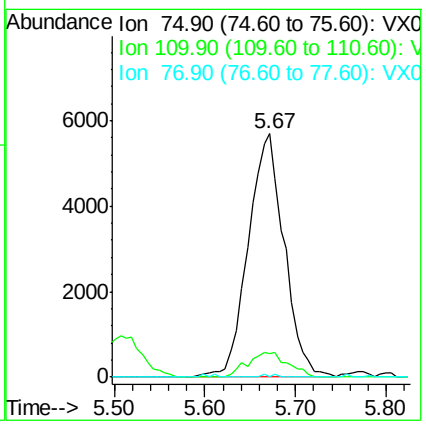


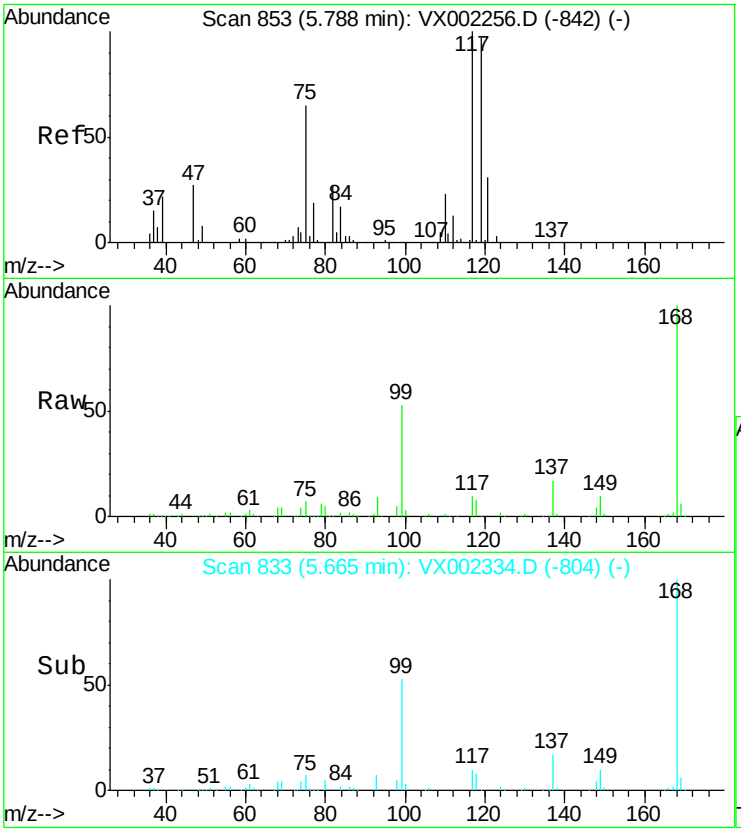


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 75 Resp: 15608

Ion	Ratio	Lower	Upper
75	100		
110	11.4	18.1	54.4#
77	0.3	24.3	36.5#



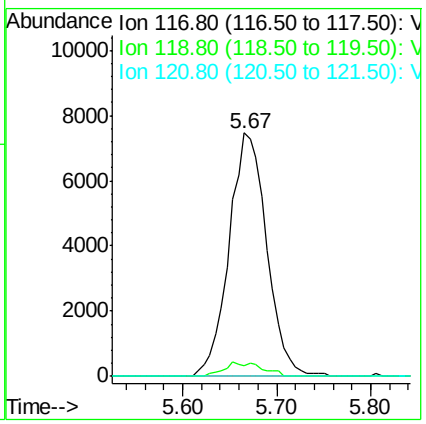


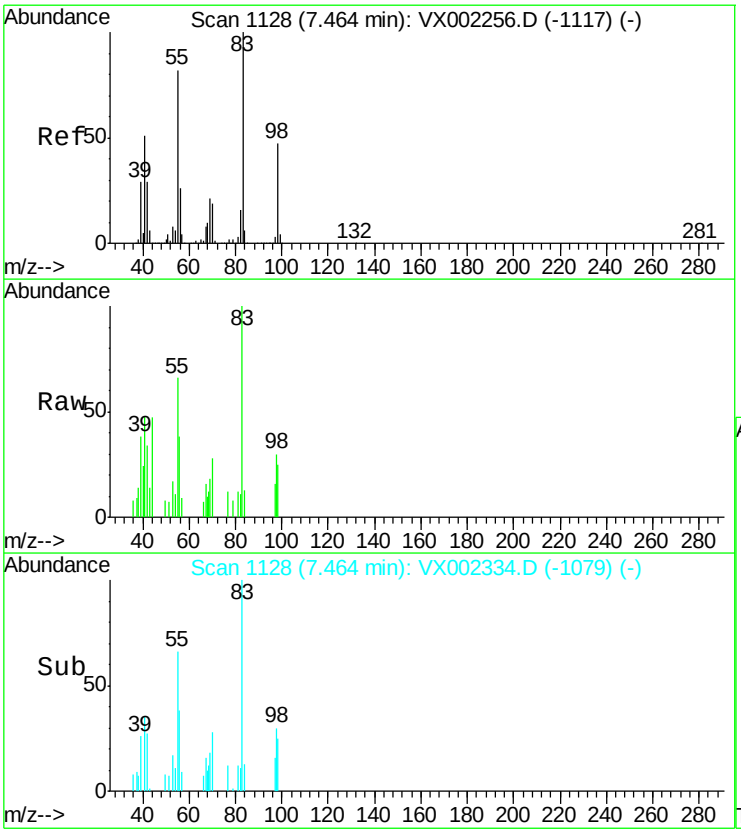
#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:117 Resp: 20798

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.4	116.0#
121	0.0	24.4	36.6#

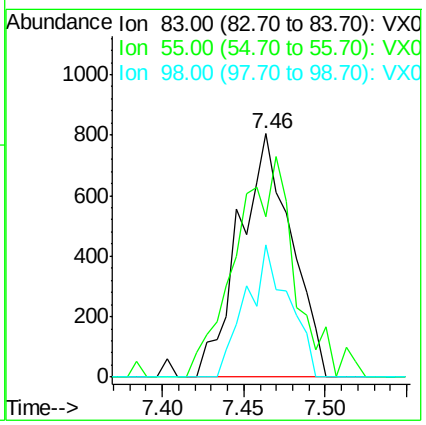


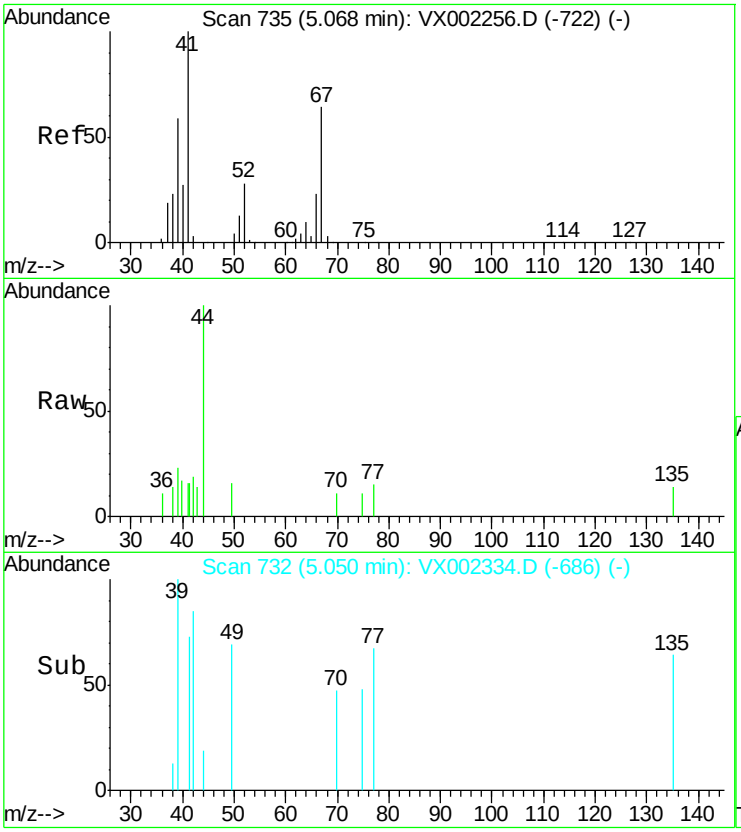


#39
Methylcyclohexane
Concen: 0.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 83 Resp: 1796

Ion	Ratio	Lower	Upper
83	100		
55	65.8	65.4	98.0
98	54.3	37.4	56.0



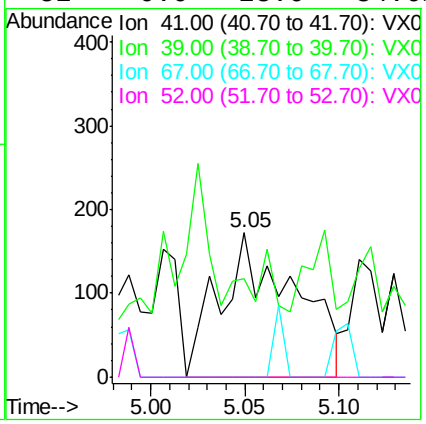


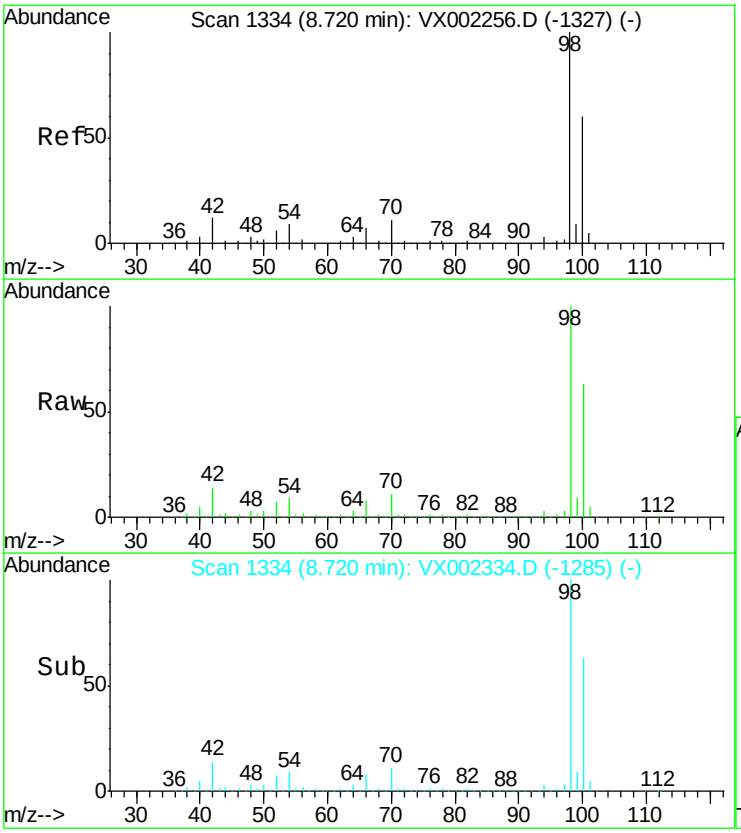
#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 5.05 min Scan# 732
Delta R.T. -0.02 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 41 Resp: 473

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.8	68.6#
67	6.6	51.3	76.9#
52	0.0	23.0	34.6#

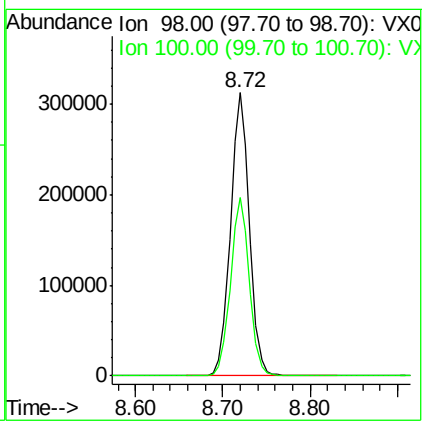


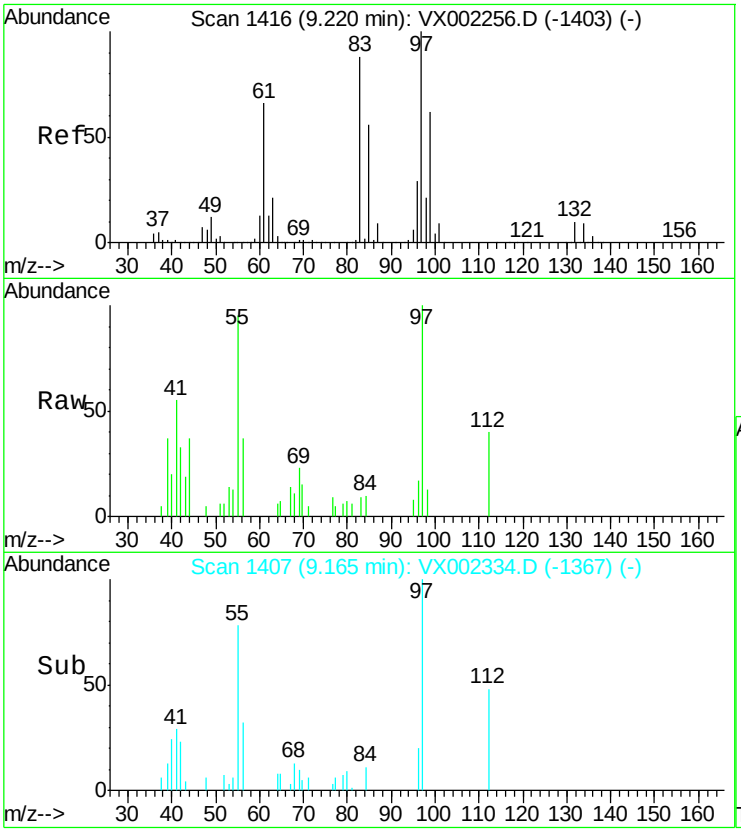


#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 98 Resp: 472343

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.9	76.3



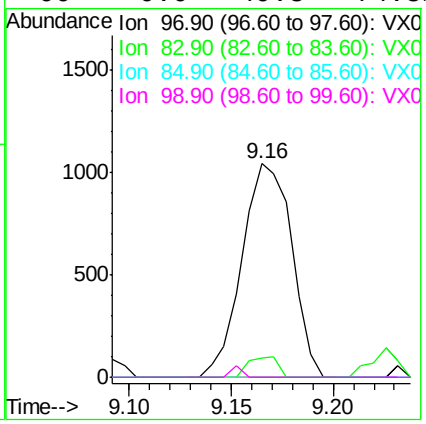


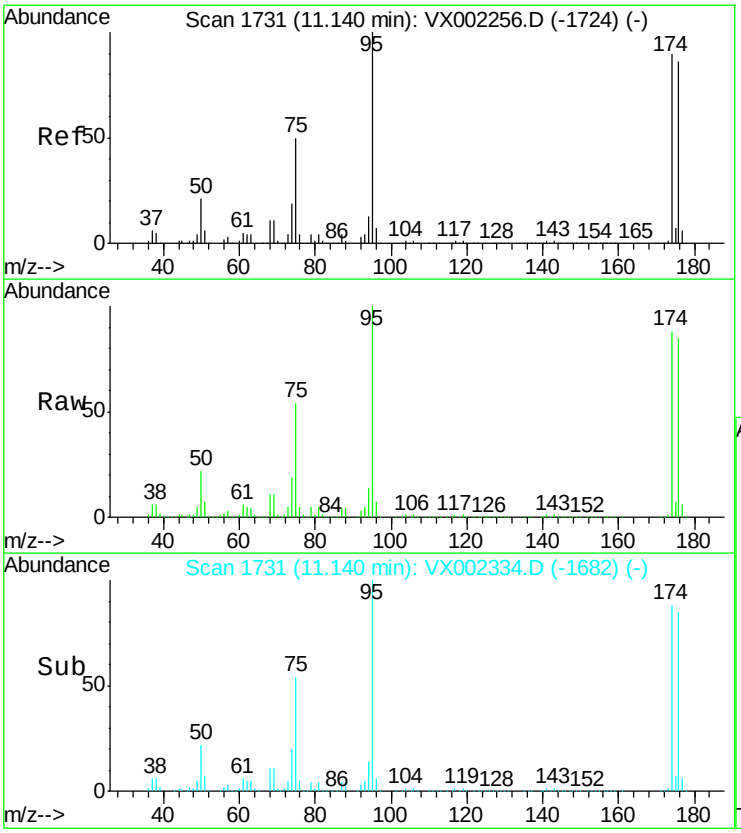
#55
1,1,2-Trichloroethane
Concen: 0.65 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.06 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 97 Resp: 1764

Ion	Ratio	Lower	Upper
97	100		
83	8.9	70.2	105.2#
85	0.0	44.9	67.3#
99	0.0	49.8	74.8#

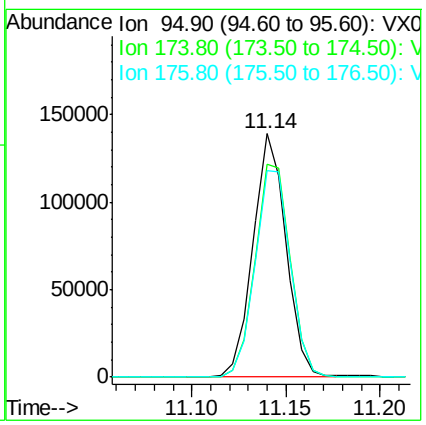


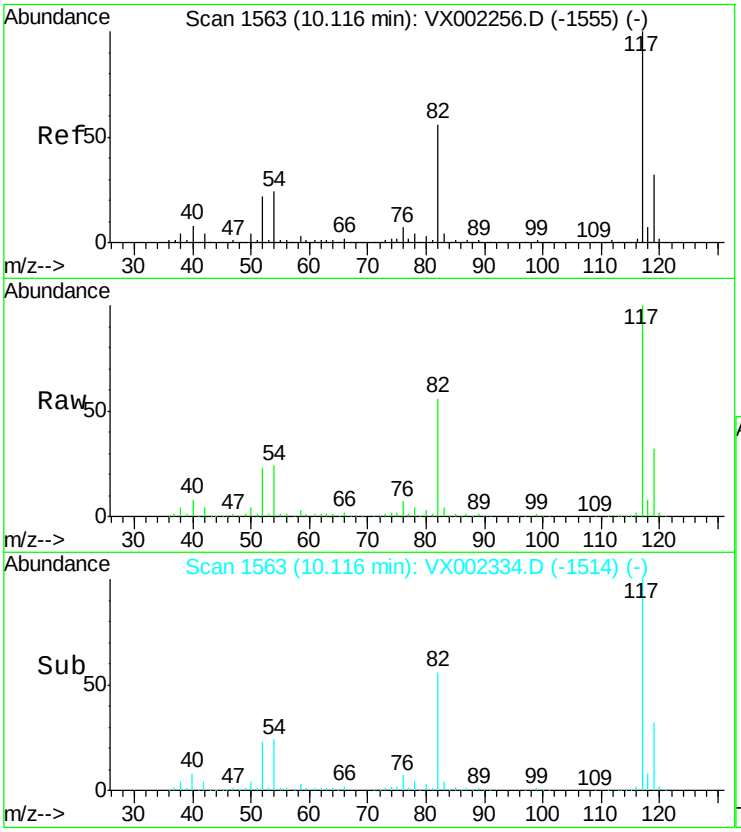


#62
4-Bromofluorobenzene
Concen: 44.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 95 Resp: 168248

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.4
176	91.4	0.0	181.0



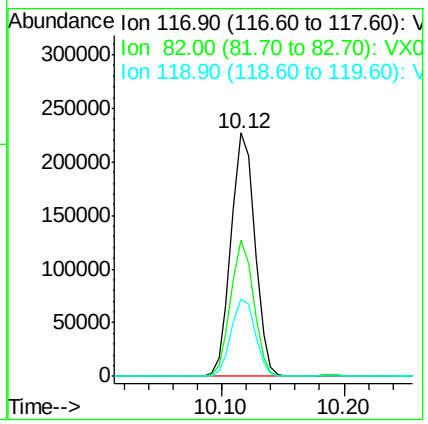


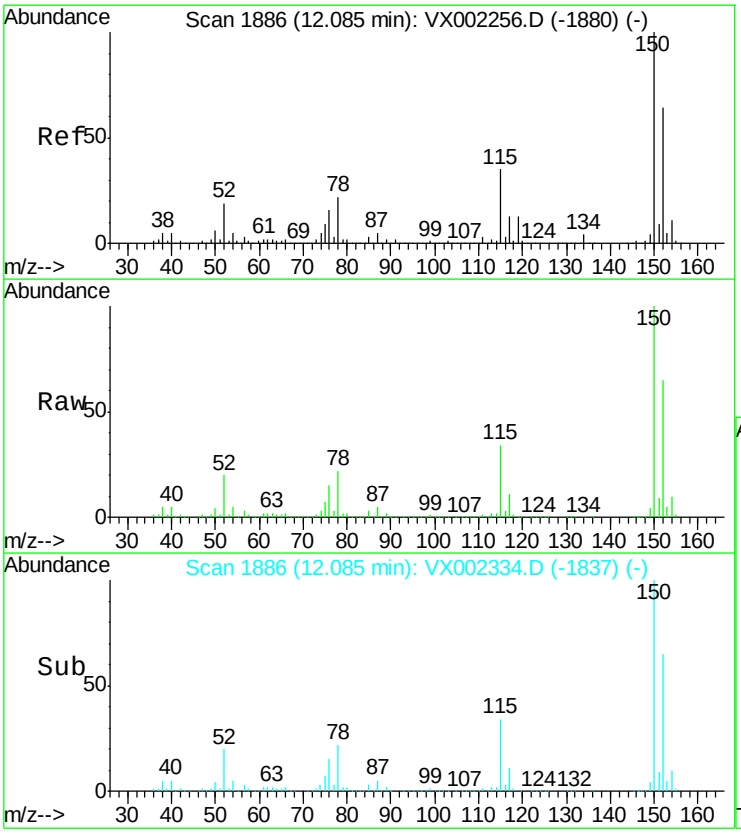
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:117 Resp: 305433

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.4
119	31.7	25.8	38.6

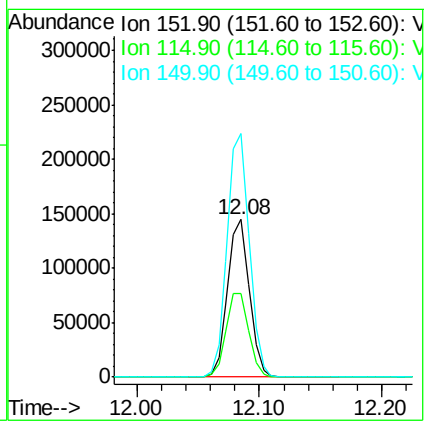


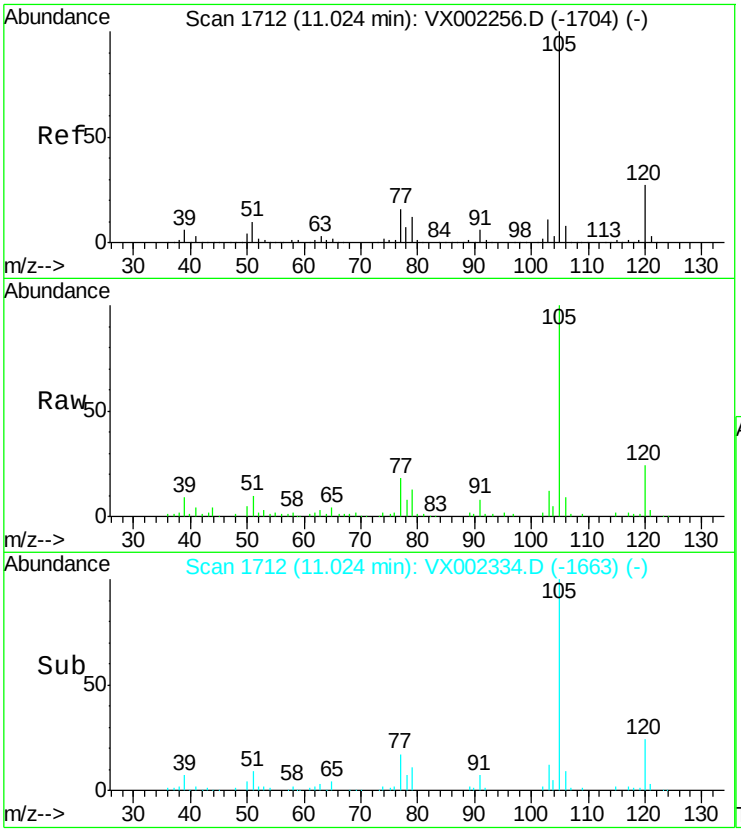


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion:152 Resp: 178026

Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.1	120.2
150	157.2	0.0	347.2



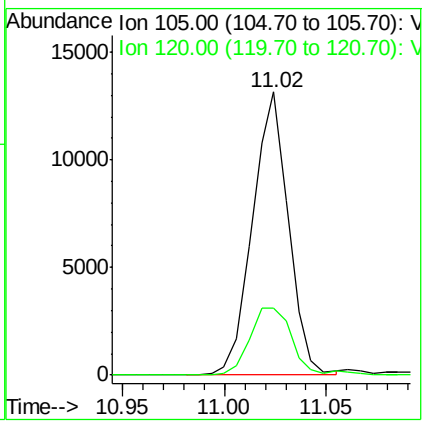


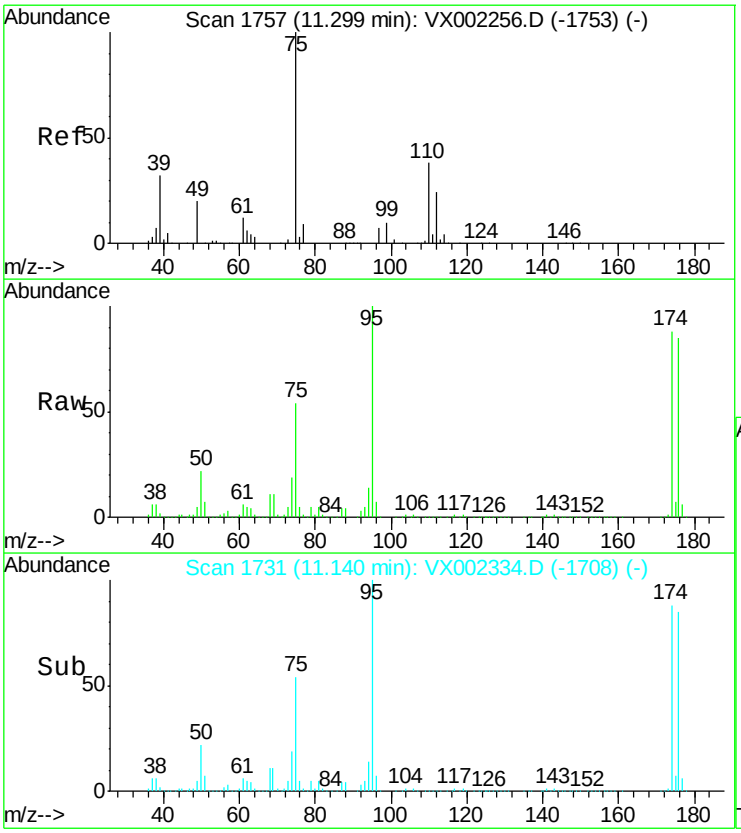
#73
Isopropylbenzene
Concen: 1.30 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:105 Resp: 16157

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.5	40.4

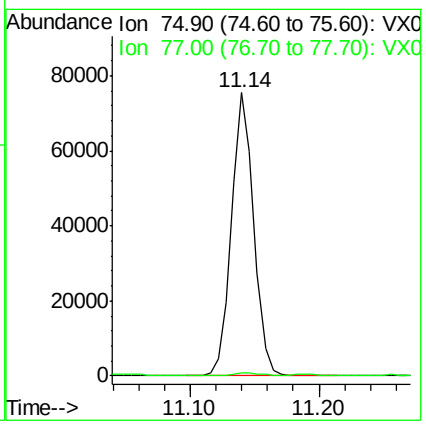


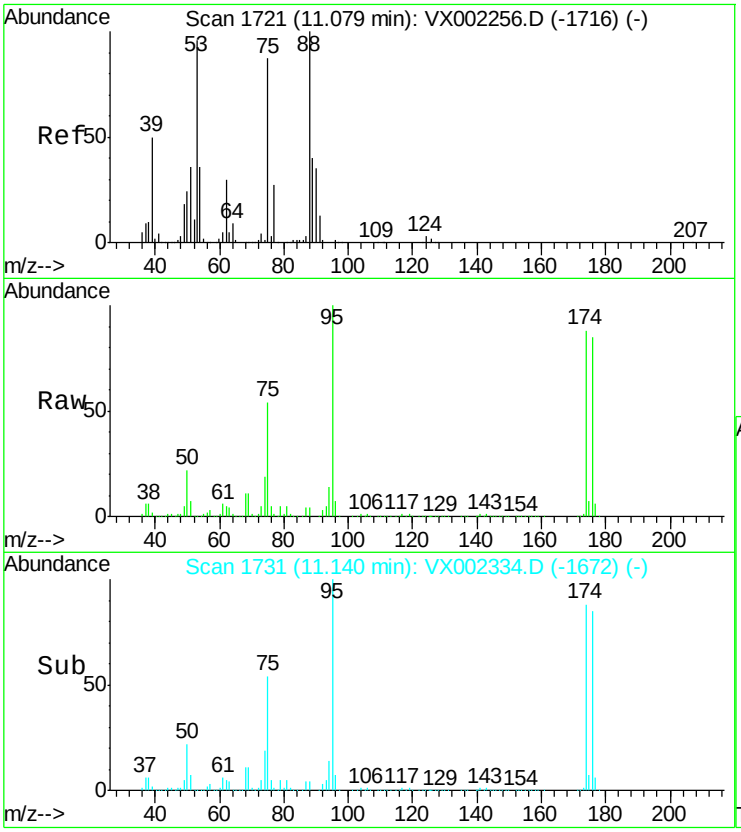


#76
1,2,3-Trichloropropane
Concen: 23.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion: 75 Resp: 91262

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



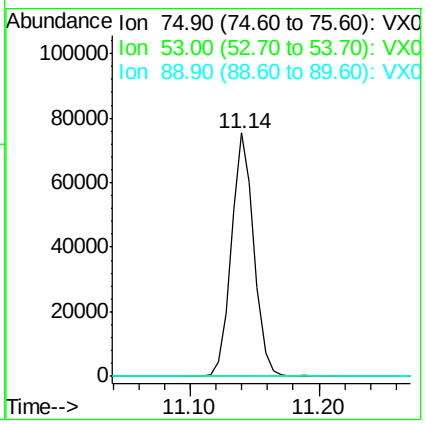


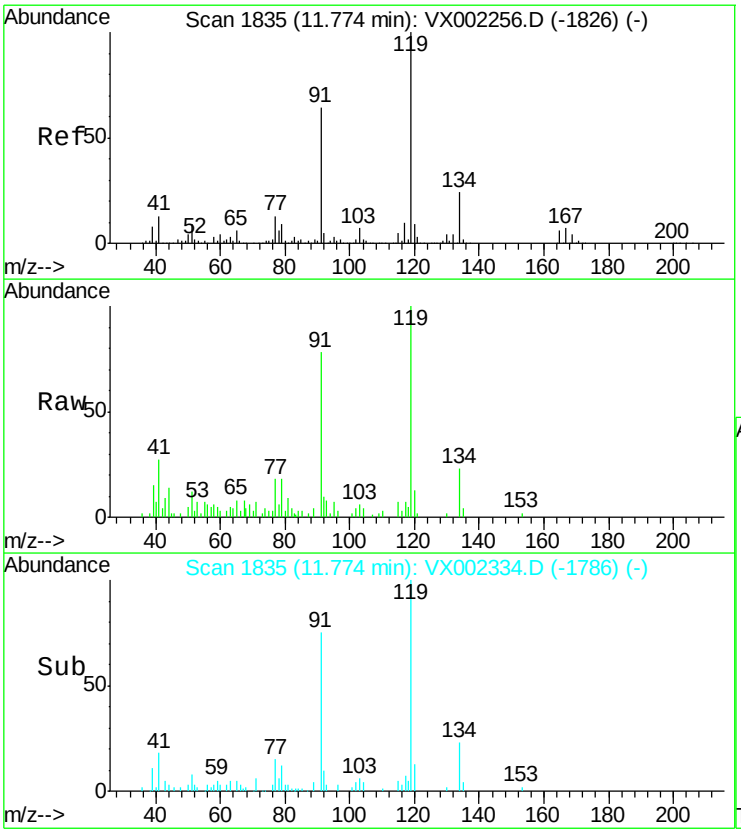
#81
trans-1,4-Dichloro-2-butene
Concen: 81.89 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion: 75 Resp: 91262

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

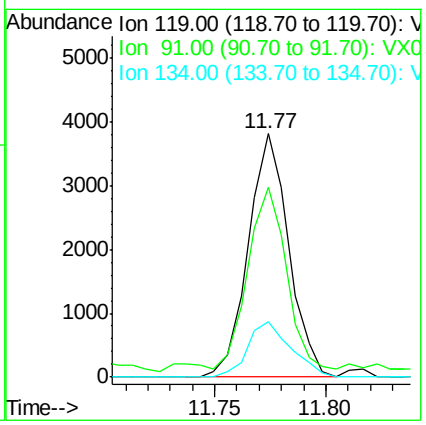


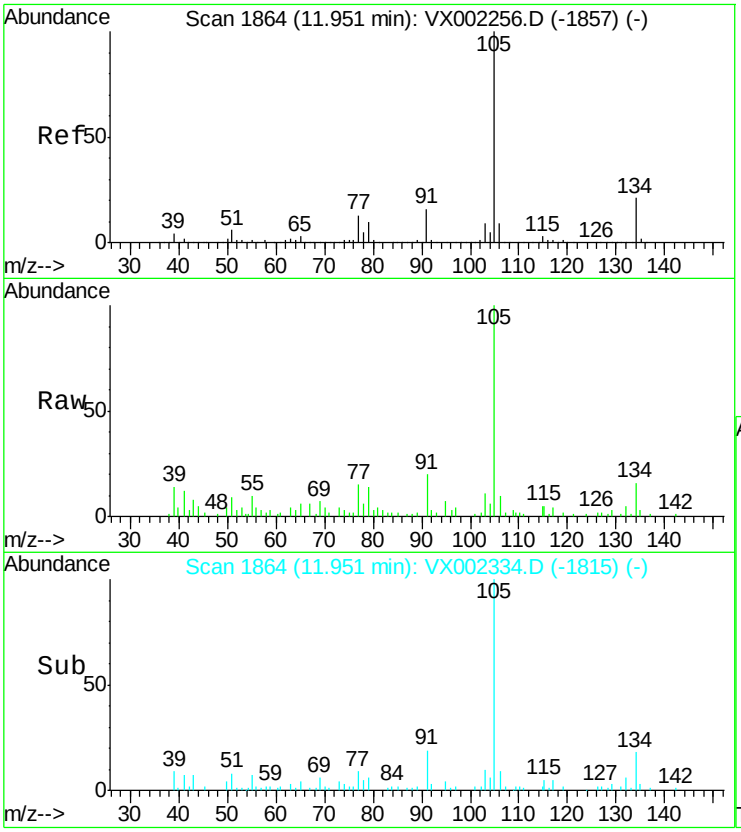


#83
tert-Butylbenzene
Concen: 0.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion:119 Resp: 4827

Ion	Ratio	Lower	Upper
119	100		
91	71.8	30.3	90.9
134	24.2	11.7	35.1



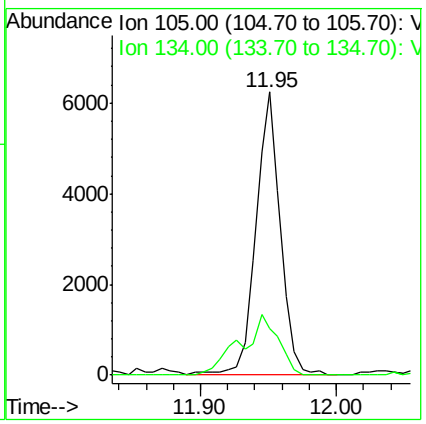


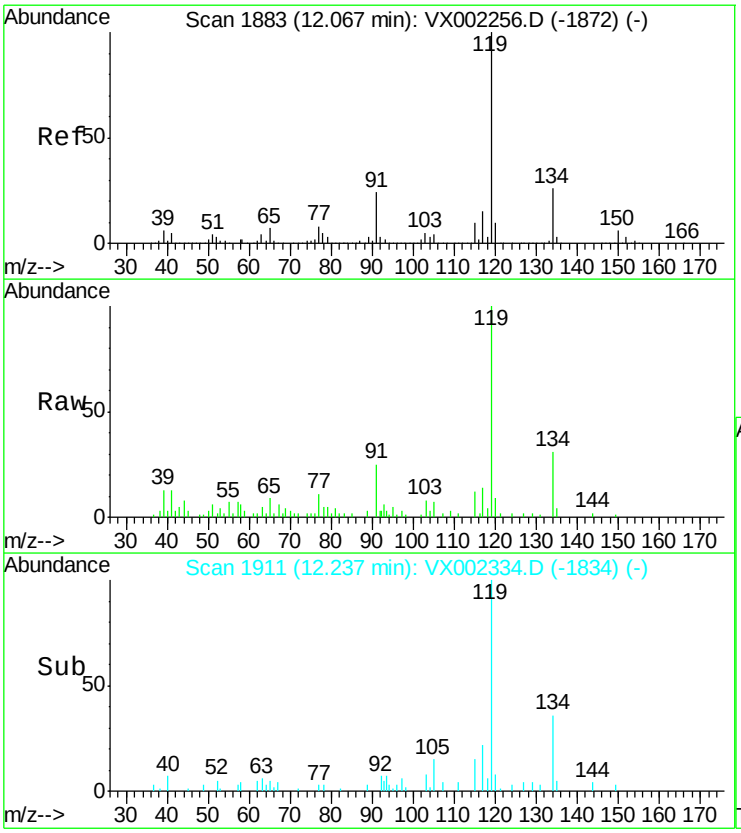
#85
sec-Butylbenzene
Concen: 0.65 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:105 Resp: 7886

Ion	Ratio	Lower	Upper
105	100		
134	32.5	10.4	31.1#

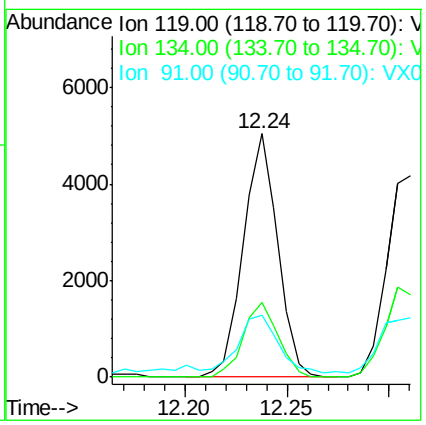


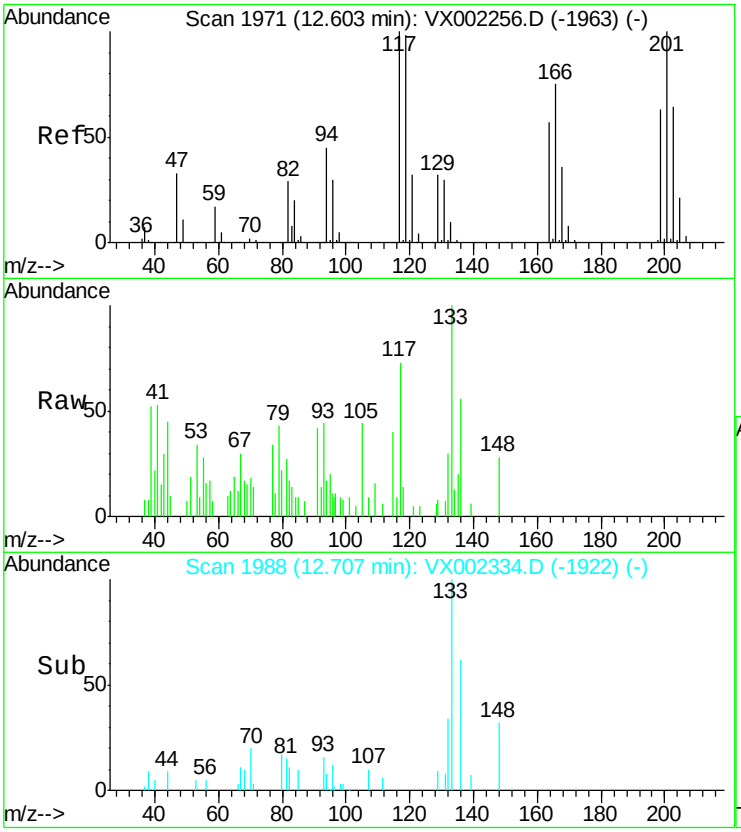


#86
p-Isopropyltoluene
Concen: 0.53 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Tgt Ion:119 Resp: 5902

Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.4	40.1
91	30.2	11.9	35.7





#90
Hexachloroethane
Concen: 0.53 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VX002334.D
Acq: 06 Jun 2018 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:117 Resp: 933

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#