Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000808.D
Acq On : 12 Apr 2018 17:48
Operator : JC/MD
Sample : J2236-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

Quant Time: Apr 13 06:55:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	274872	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	359491	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	322697	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208500	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	156198	45.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.14%				
35) Dibromofluoromethane	5.51	113	129641	46.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.62%				
50) Toluene-d8	8.73	98	491840	47.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.38%				
62) 4-Bromofluorobenzene	11.15	95	190124	44.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.12%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	58	Below Cal		#	2
10) Methyl Iodide	2.52	142	149	8.29	ug/l	#	58
11) Tert butyl alcohol	3.08	59	1747	2.84	ug/l		99
16) Acetone	2.45	43	28823	24.12	ug/l		100
17) Carbon Disulfide	2.57	76	4670	0.61	ug/l		97
18) Methyl Acetate	2.79	43	743	0.24	ug/l	#	51
19) Methyl tert-butyl Ether	3.21	73	5868	0.70	ug/l		98
25) 2-Butanone	4.73	43	7483	3.79	ug/l		100
27) cis-1,2-Dichloroethene	4.61	96	1475	0.47	ug/l		88
28) Bromochloromethane	5.23	49	610	0.31	ug/l	#	7
29) Tetrahydrofuran	5.20	42	886	0.71	ug/l	#	56
30) Chloroform	5.22	83	6904	1.36	ug/l		91
36) 1,1-Dichloropropene	5.67	75	16879	4.26	ug/l	#	49
37) Ethyl Acetate	4.73	43	7483	1.94	ug/l	#	68
38) Carbon Tetrachloride	5.68	117	23462	5.29	ug/l	#	15
40) Benzene	6.15	78	15087	1.37	ug/l		95
44) Trichloroethene	7.23	130	2944	0.86	ug/l		87
52) Toluene	8.79	92	4309	0.59	ug/l		99
60) Dibromochloromethane	9.34	129	5024	1.45	ug/l	#	11
64) Tetrachloroethene	9.34	164	5984	1.90	ug/l		98
67) Ethyl Benzene	10.26	91	7070	0.52	ug/l		98
68) m/p-Xylenes	10.36	106	3835	0.72	ug/l		97
69) o-Xylene	10.71	106	2406	0.47	ug/l		99
70) Styrene	10.72	104	4618	0.53	ug/l		95
76) 1,2,3-Trichloropropane	11.15	75	92827	25.82	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.15	75	92827	71.01	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	4207	0.36	ug/l		98
95) Naphthalene	13.84	128	126387	8.33	ug/l		100

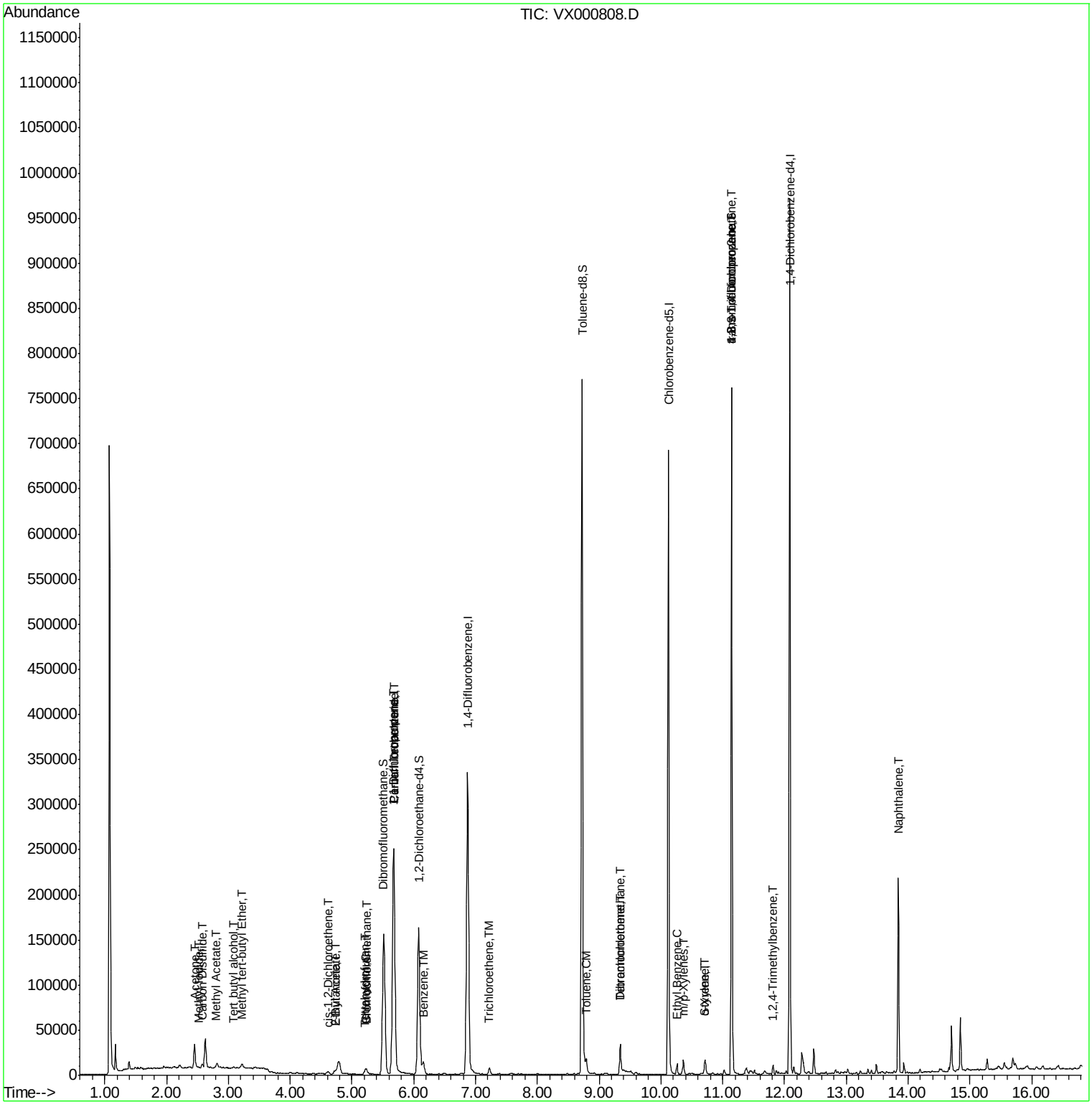
(#) = qualifier out of range (m) = manual integration (+) = signals summed

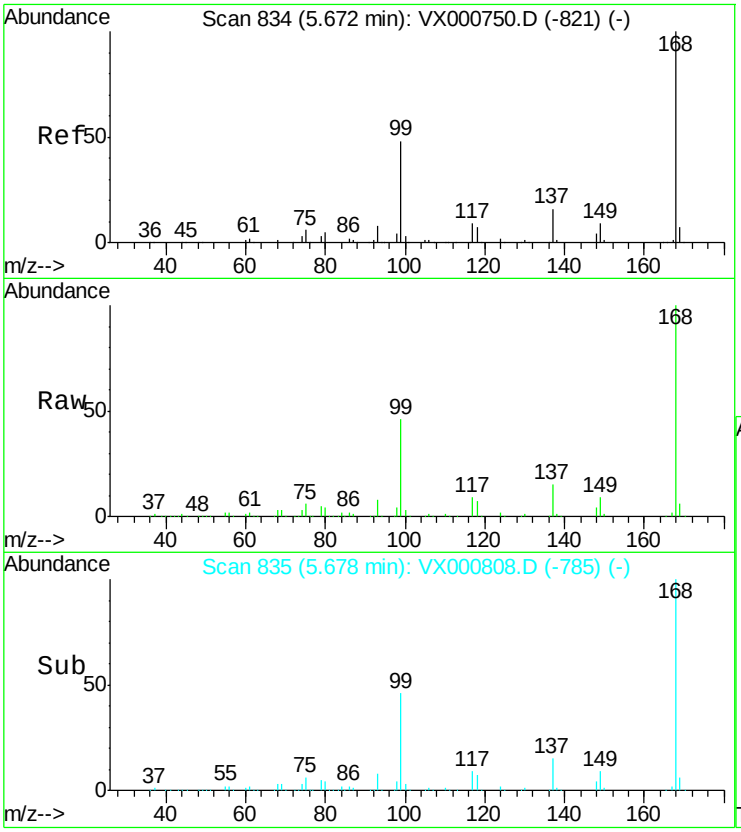
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000808.D
Acq On : 12 Apr 2018 17:48
Operator : JC/MD
Sample : J2236-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Quant Time: Apr 13 06:55:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration



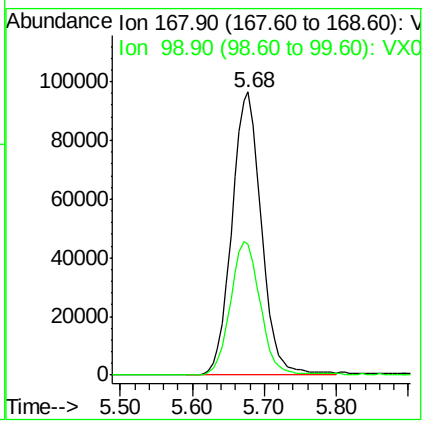


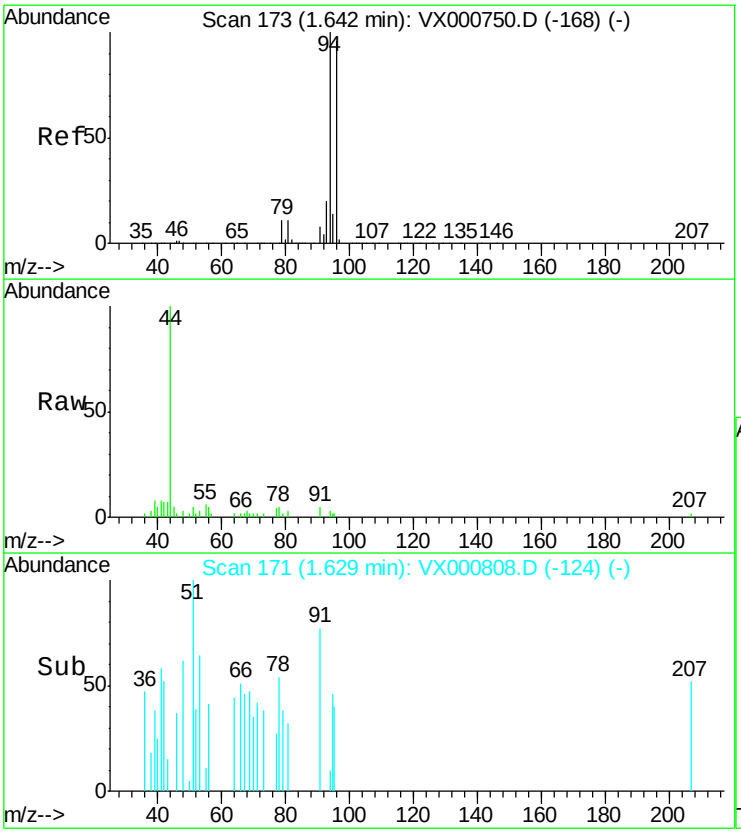
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:168 Resp: 274872

Ion	Ratio	Lower	Upper
168	100		
99	46.2	38.3	57.5

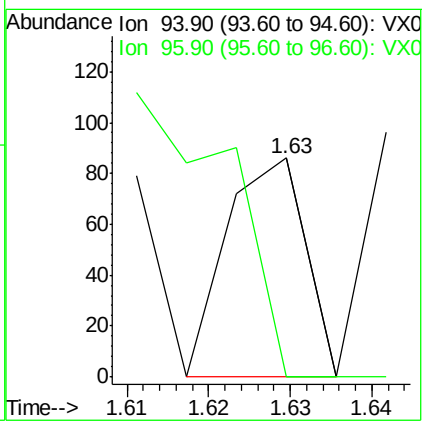


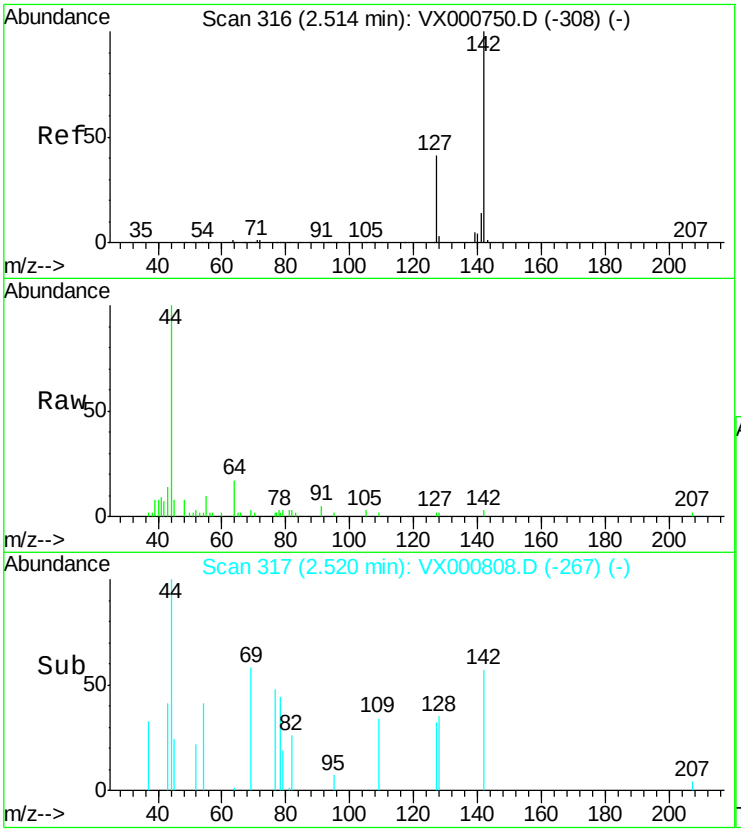


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 171
Delta R.T. -0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 94 Resp: 58

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.6#



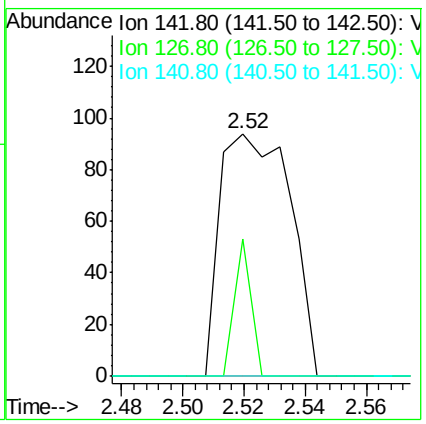


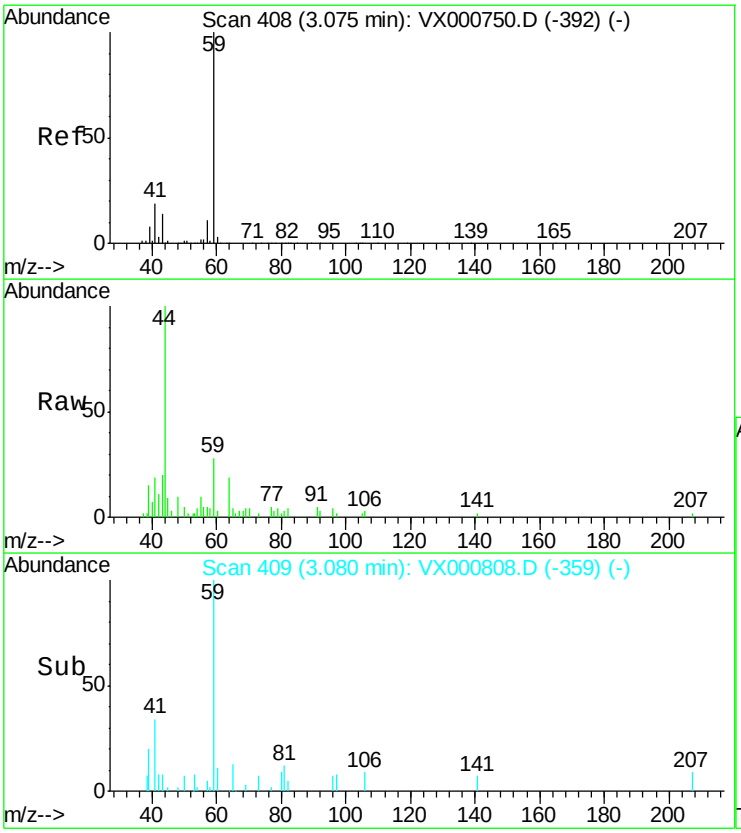
#10
Methyl Iodide
Concen: 8.29 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:142 Resp: 149

Ion	Ratio	Lower	Upper
142	100		
127	12.8	32.6	49.0#
141	0.0	11.5	17.3#

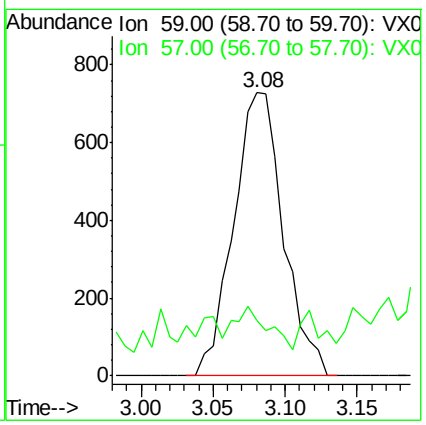


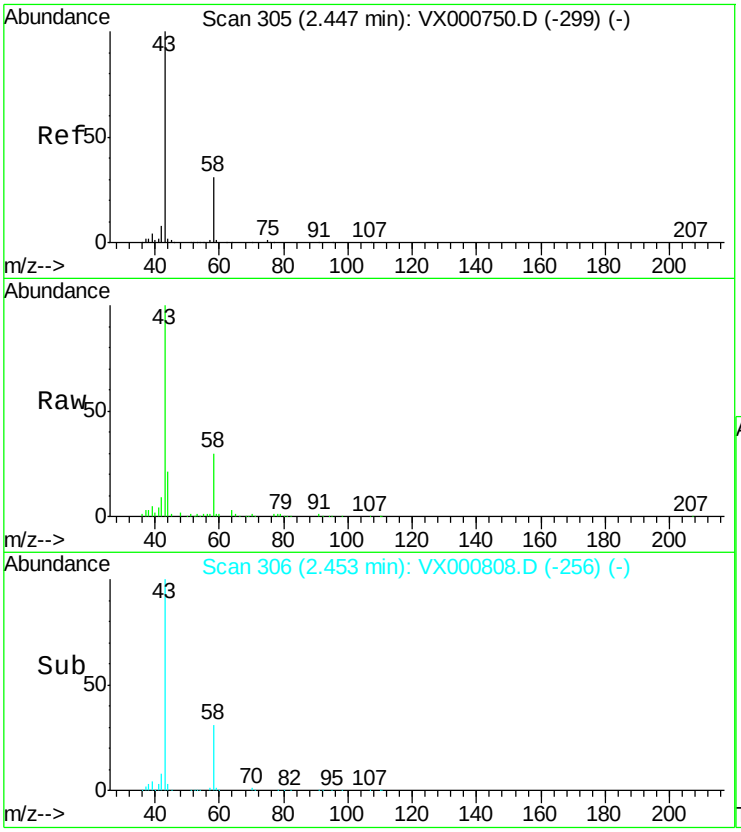


#11
Tert butyl alcohol
Concen: 2.84 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 59 Resp: 1747

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6



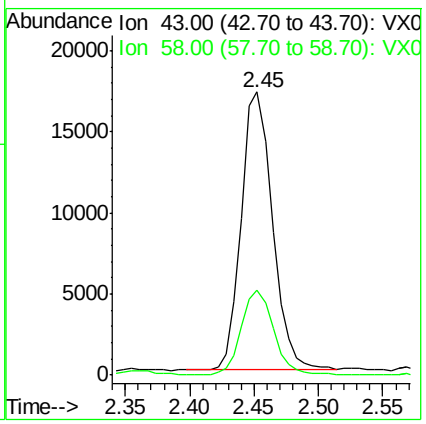


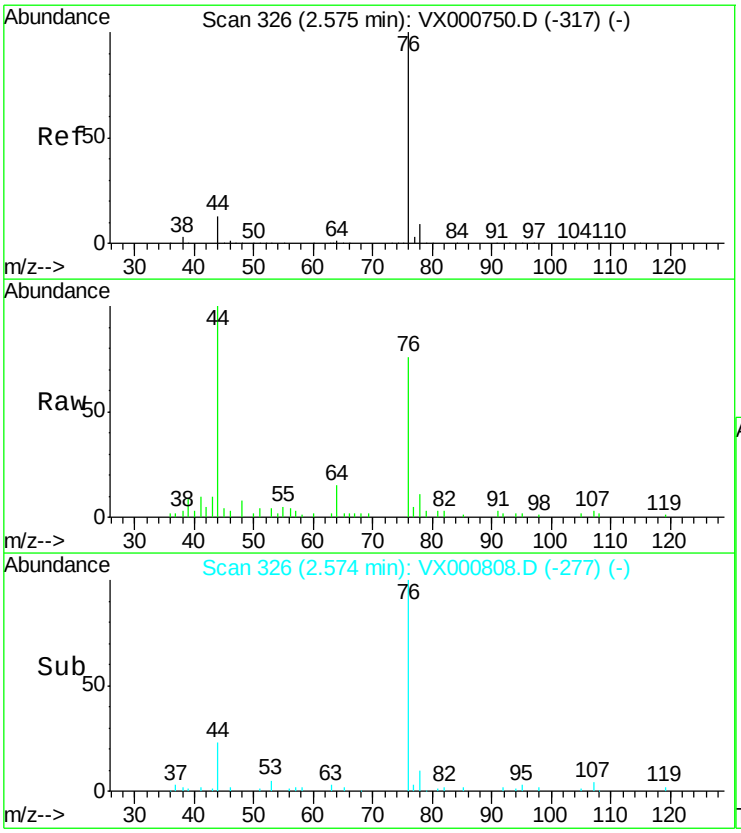
#16
Acetone
Concen: 24.12 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 43 Resp: 28823

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.6	37.0

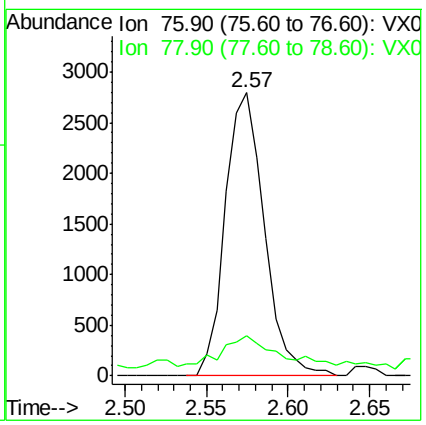


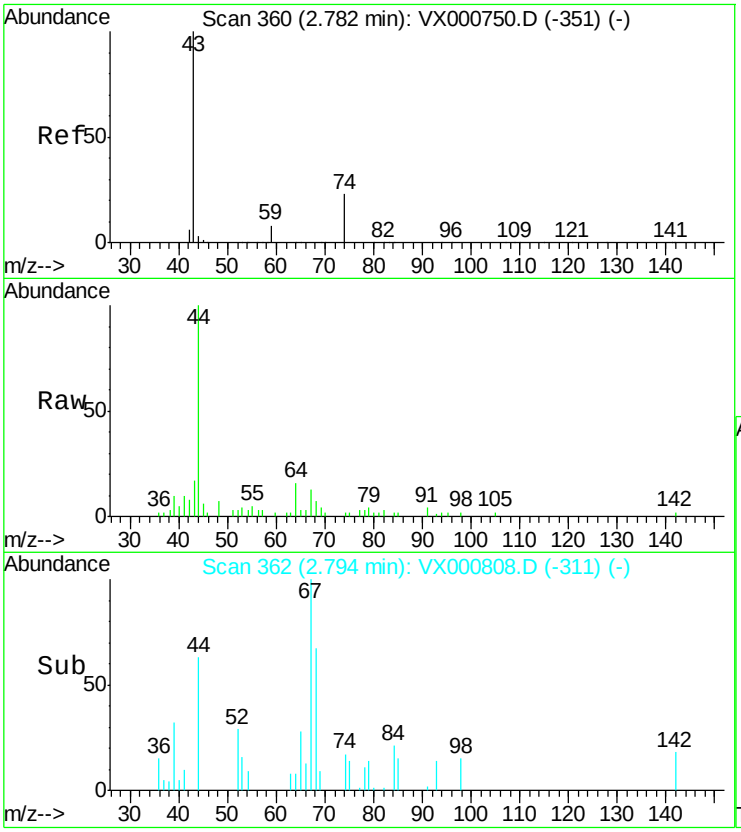


#17
Carbon Disulfide
Concen: 0.61 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 76 Resp: 4670

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.4	11.2



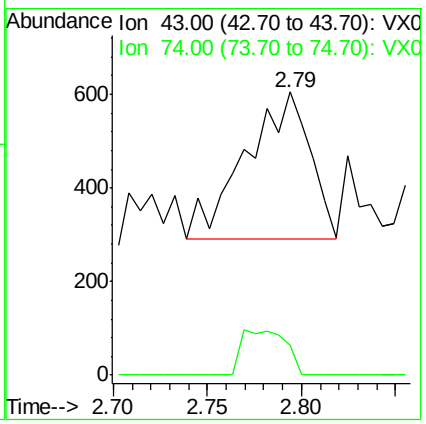


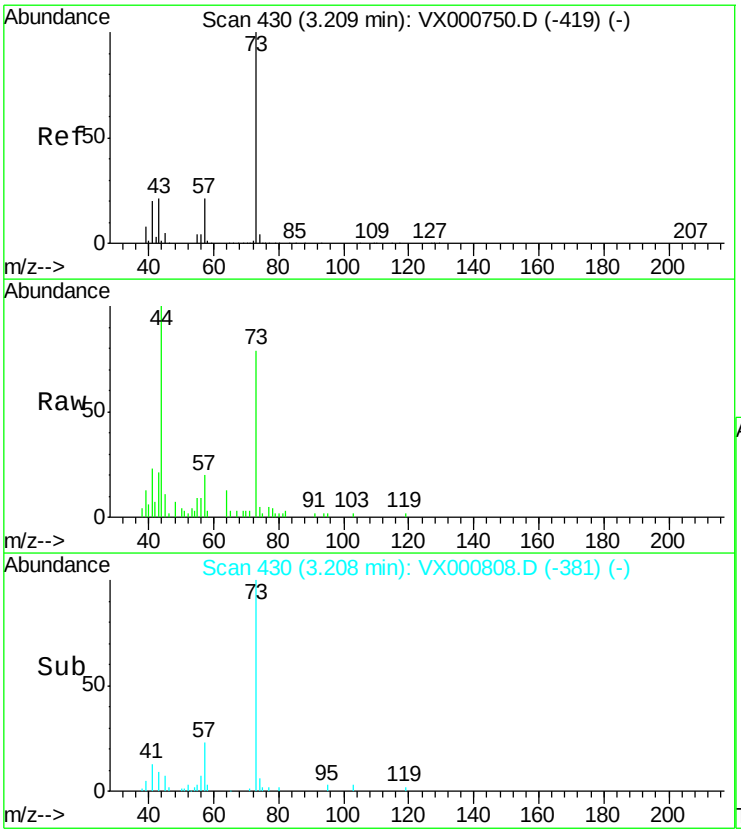
#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 43 Resp: 743

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.1	28.7#

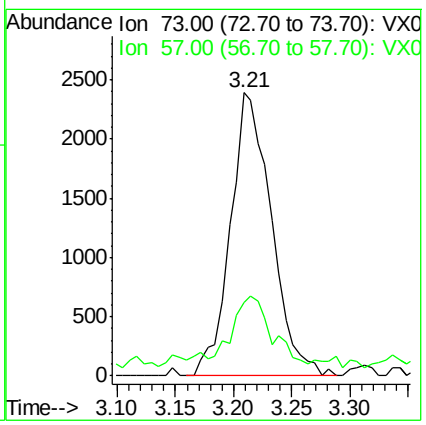


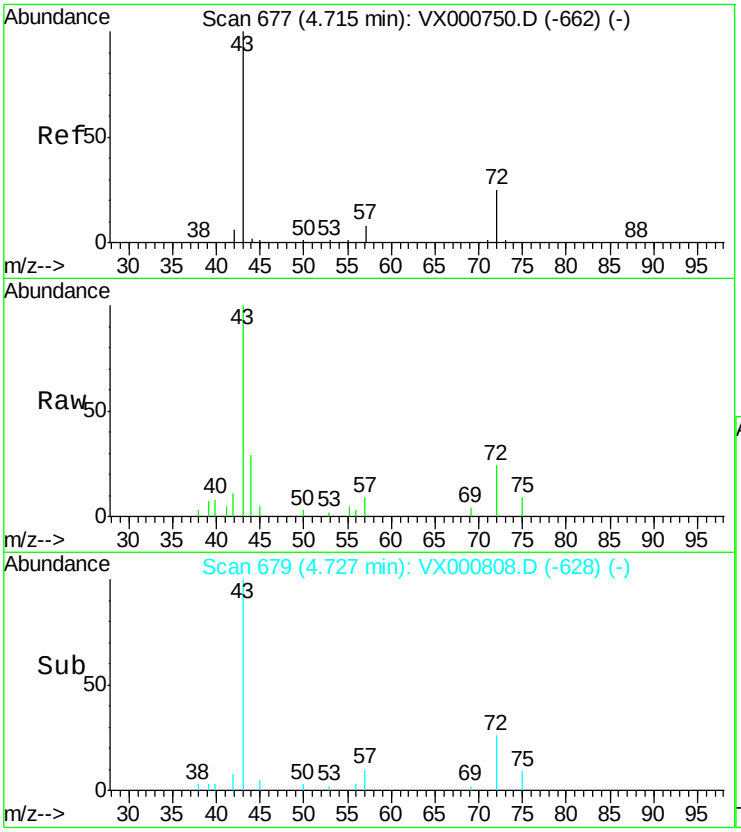


#19
Methyl tert-butyl Ether
Concen: 0.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 73 Resp: 5868

Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.9	25.3



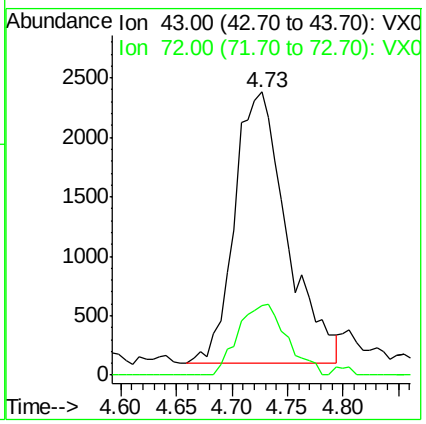


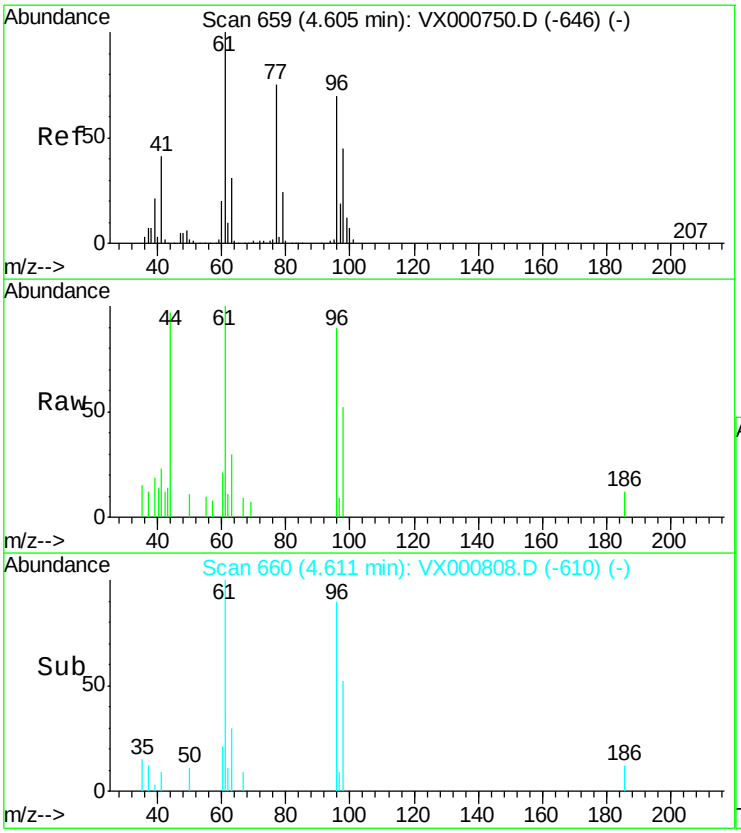
#25
2-Butanone
Concen: 3.79 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 43 Resp: 7483

Ion	Ratio	Lower	Upper
43	100		
72	25.5	20.3	30.5

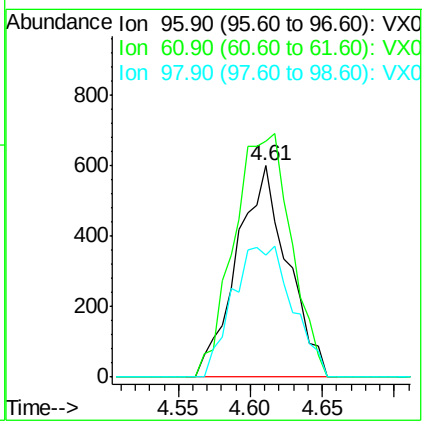


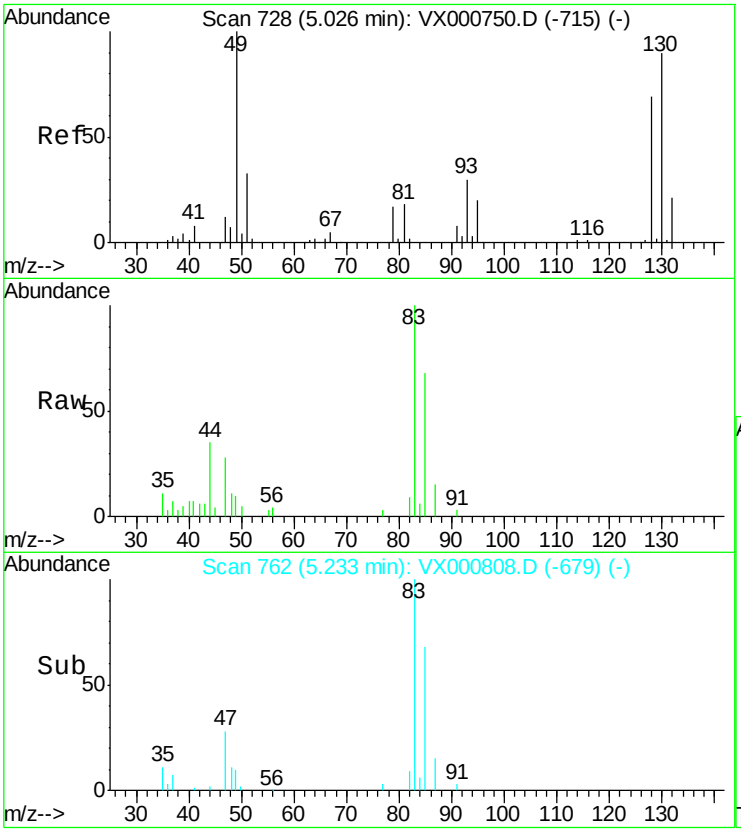


#27
cis-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 96 Resp: 1475

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	292.4
98	72.7	0.0	130.2



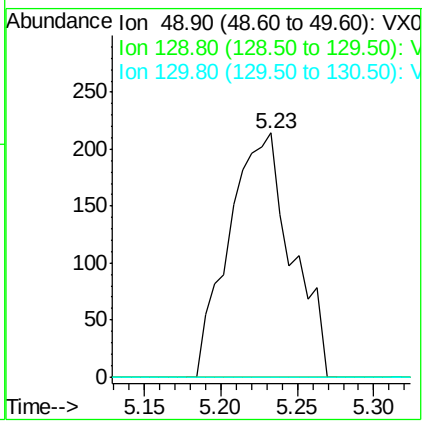


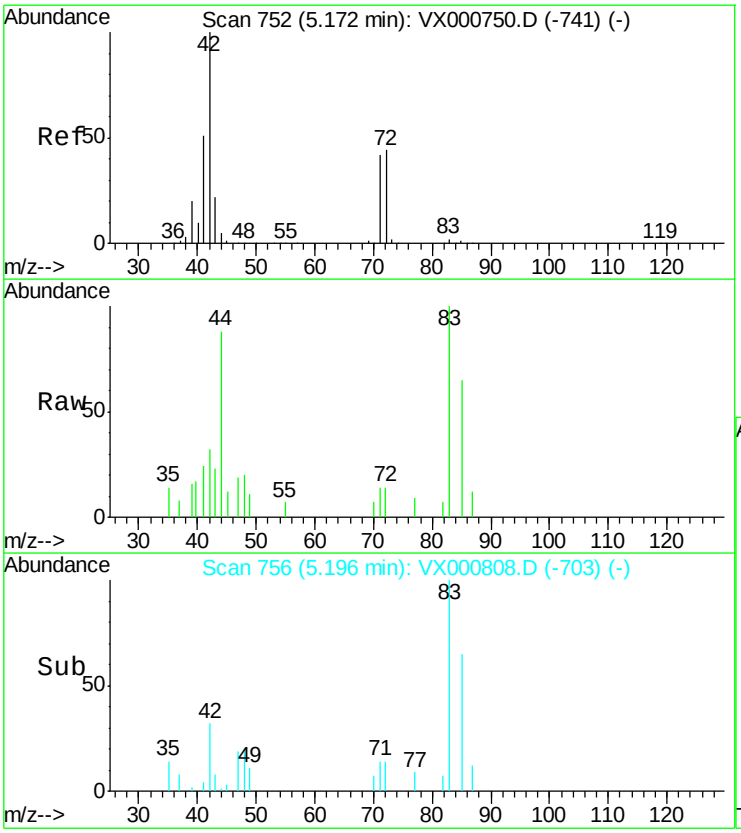
#28
Bromochloromethane
Concen: 0.31 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.21 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 49 Resp: 610

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	0.0	72.6	109.0#

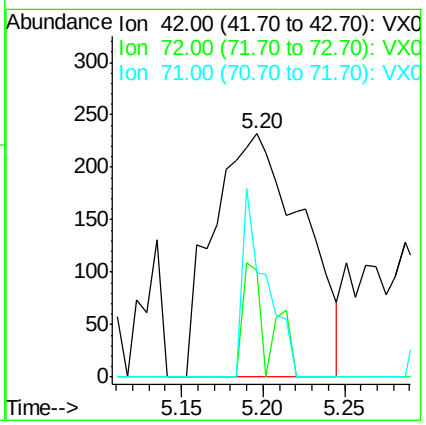


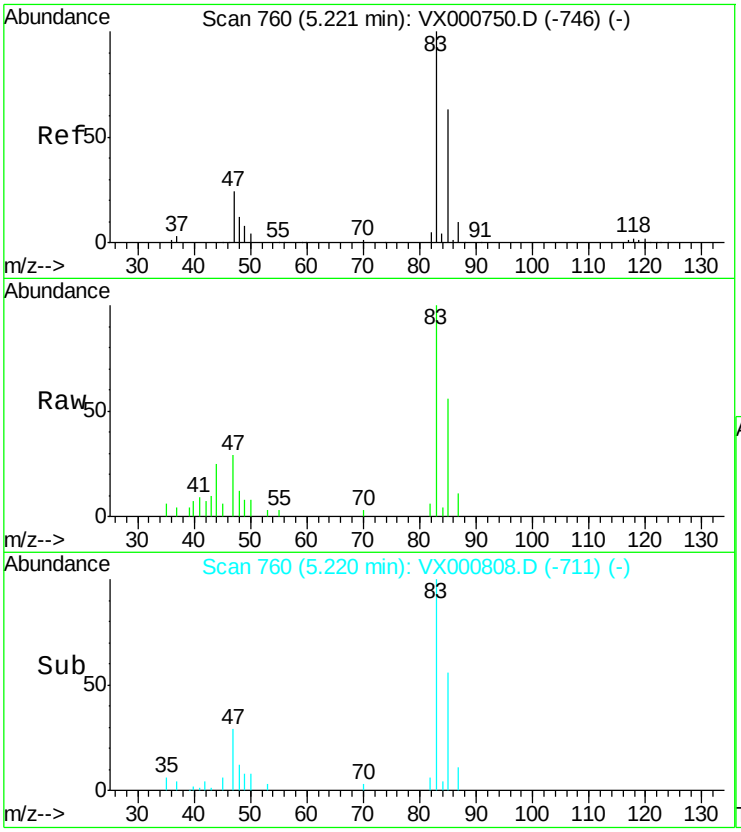


#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 42 Resp: 886

Ion	Ratio	Lower	Upper
42	100		
72	8.7	35.1	52.7#
71	20.3	32.8	49.2#



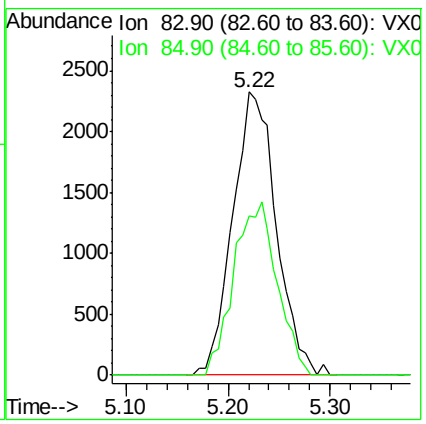


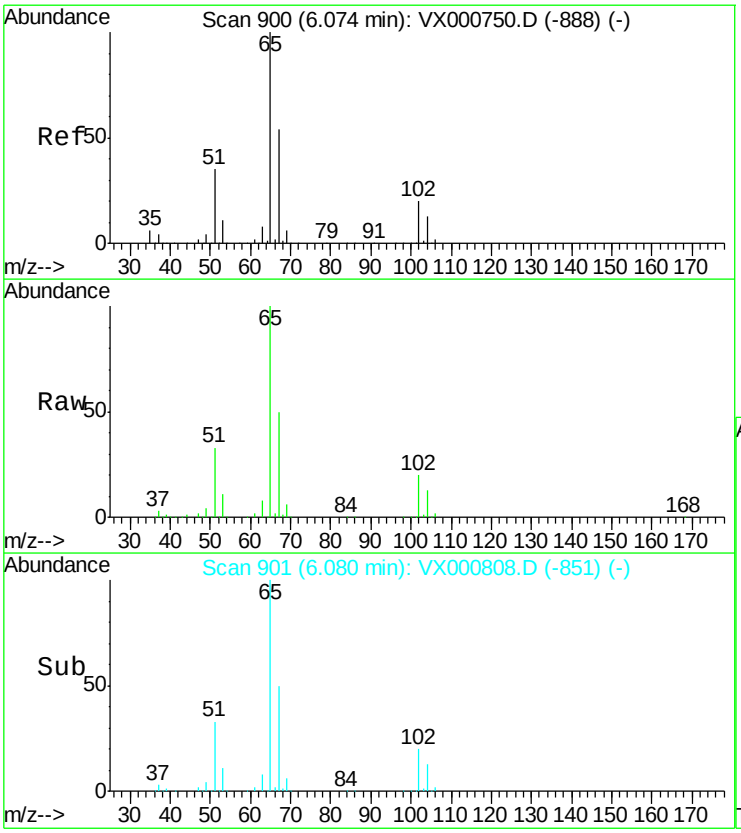
#30
Chloroform
Concen: 1.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 83 Resp: 6904

Ion	Ratio	Lower	Upper
83	100		
85	56.4	50.7	76.1

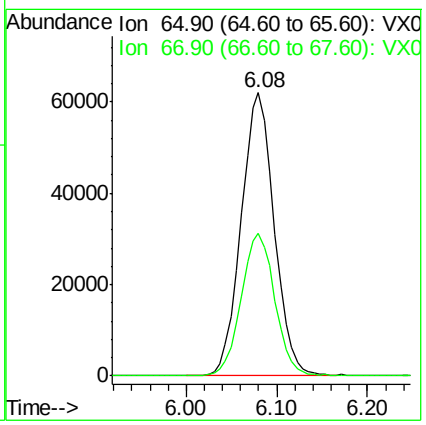


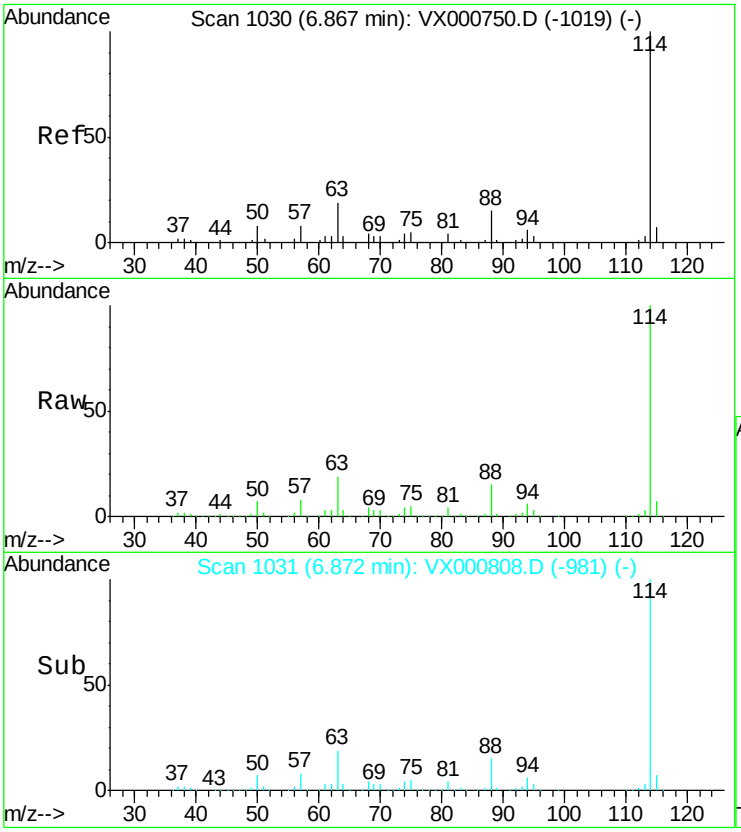


#33
1,2-Dichloroethane-d4
Concen: 45.07 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 65 Resp: 156198

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.8



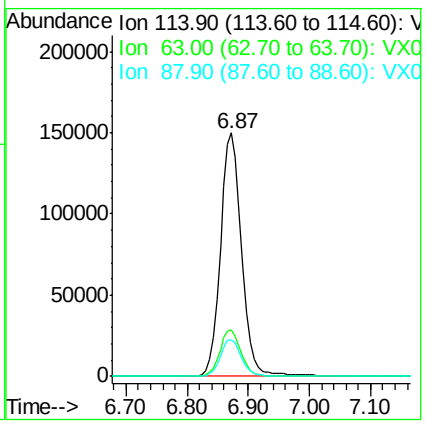


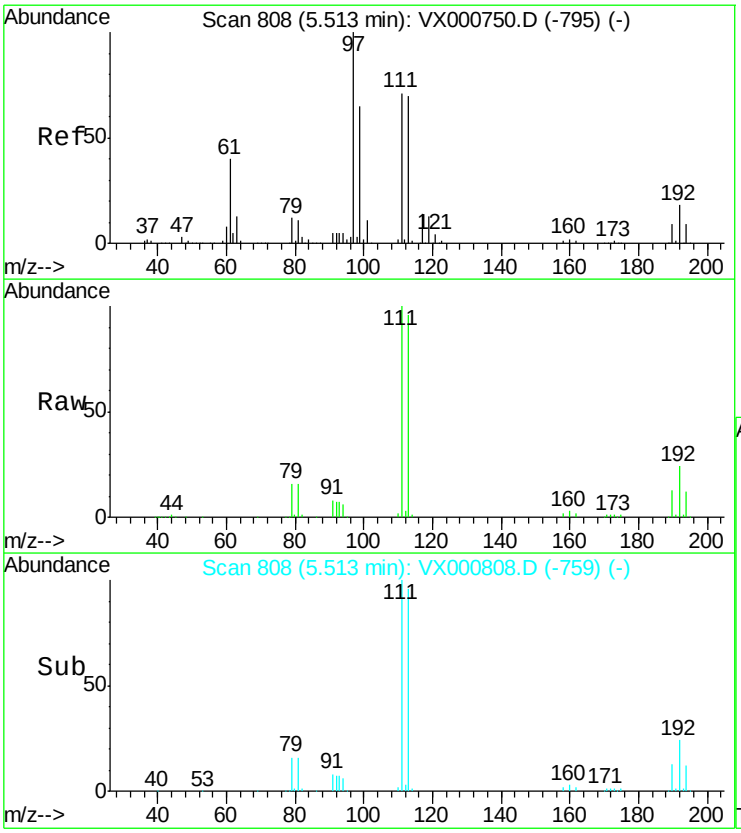
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:114 Resp: 359491

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	14.8	0.0	31.0

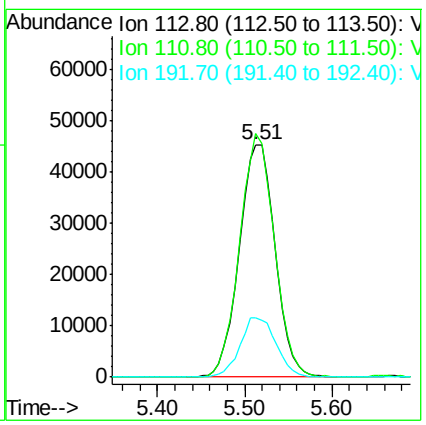


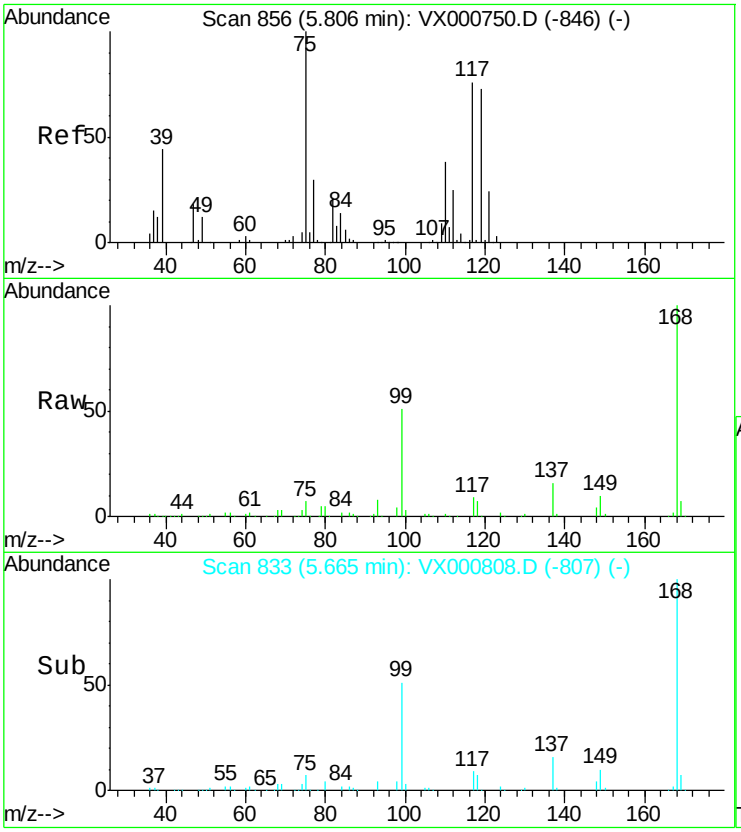


#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:113 Resp: 129641

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	25.7	20.4	30.6



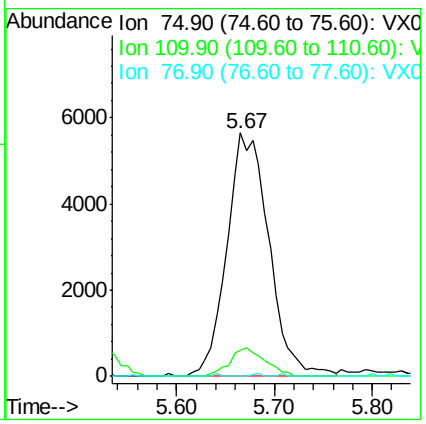


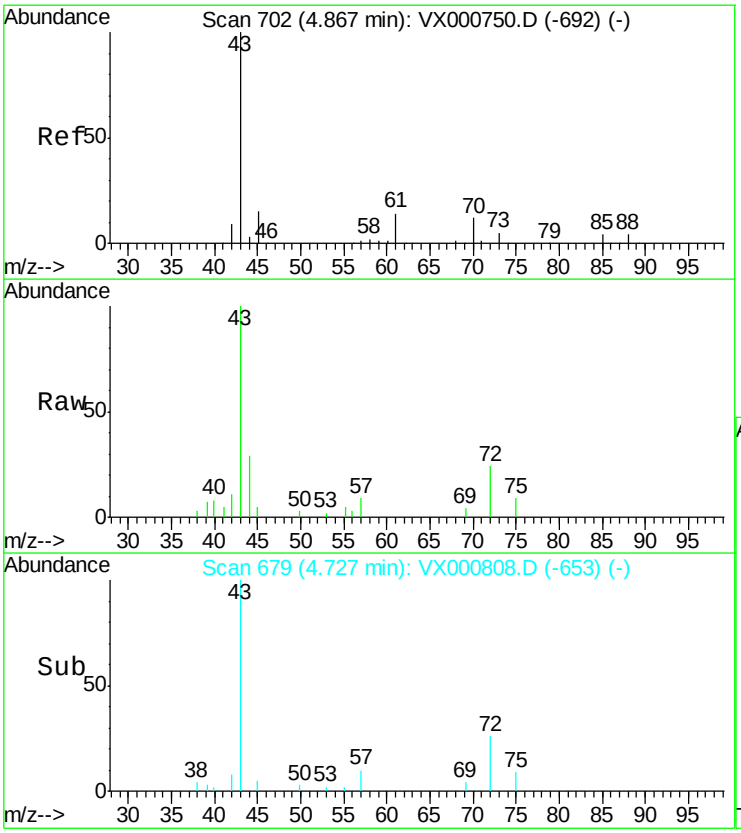
#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 75 Resp: 16879

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.2	57.6#
77	0.2	25.4	38.2#

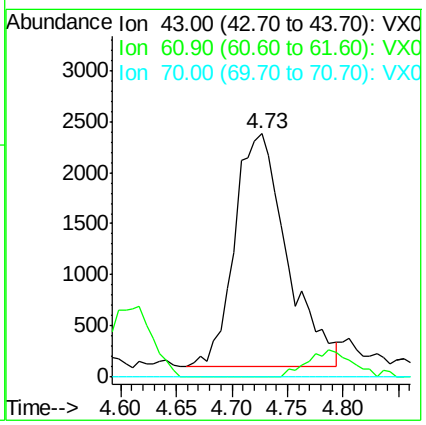


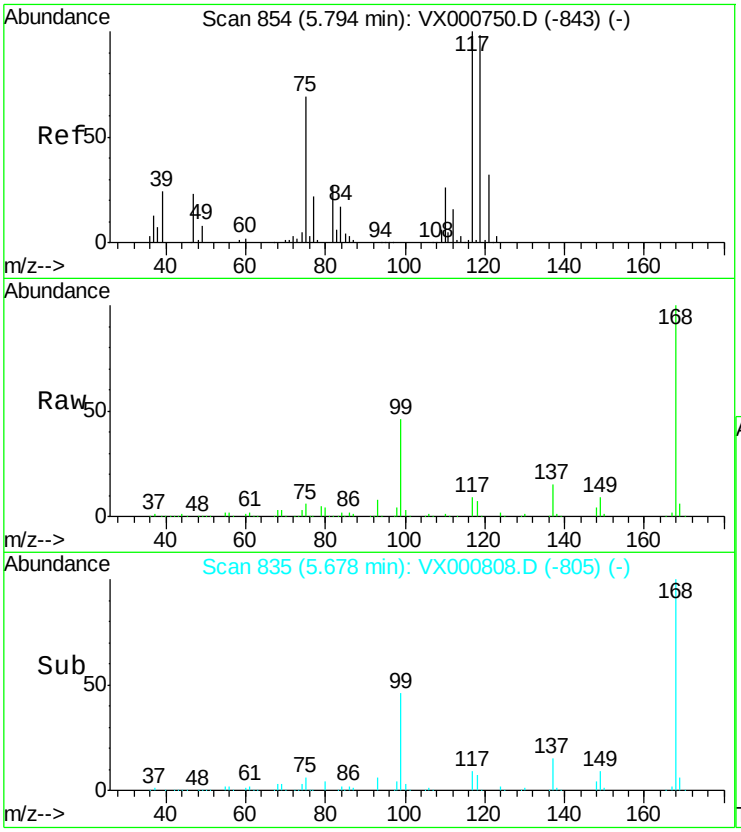


#37
Ethyl Acetate
Concen: 1.94 ug/l
RT: 4.73 min Scan# 679
Delta R.T. -0.14 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 43 Resp: 7483

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.7	13.1#



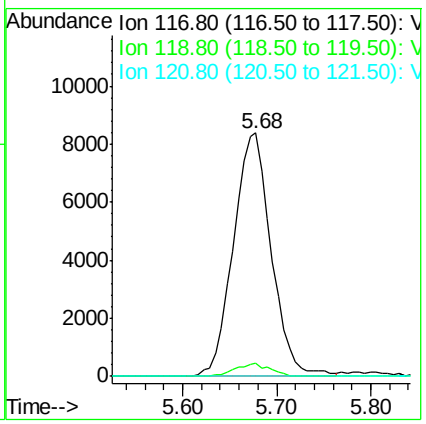


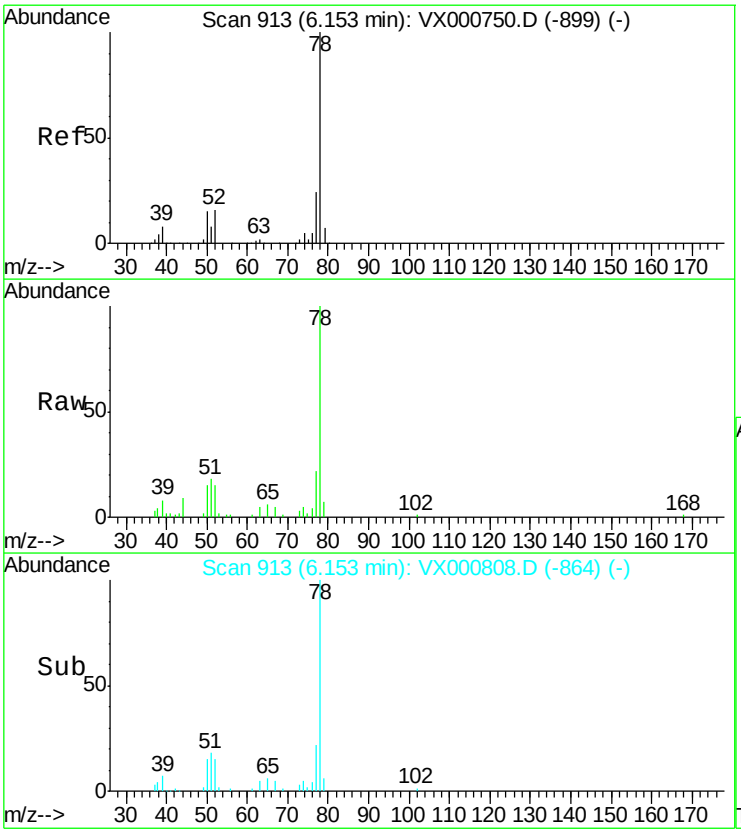
#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument : MSVOA_X
ClientSampleId : MW-103

Tgt Ion:117 Resp: 23462

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.4	117.6#
121	0.0	25.4	38.0#

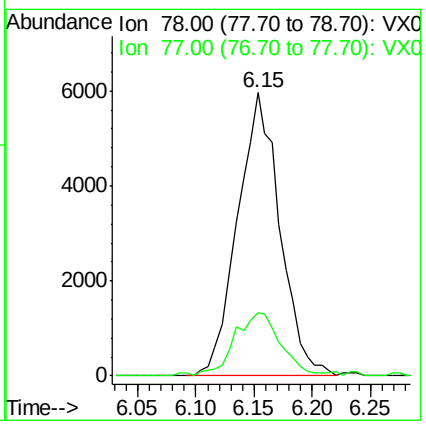


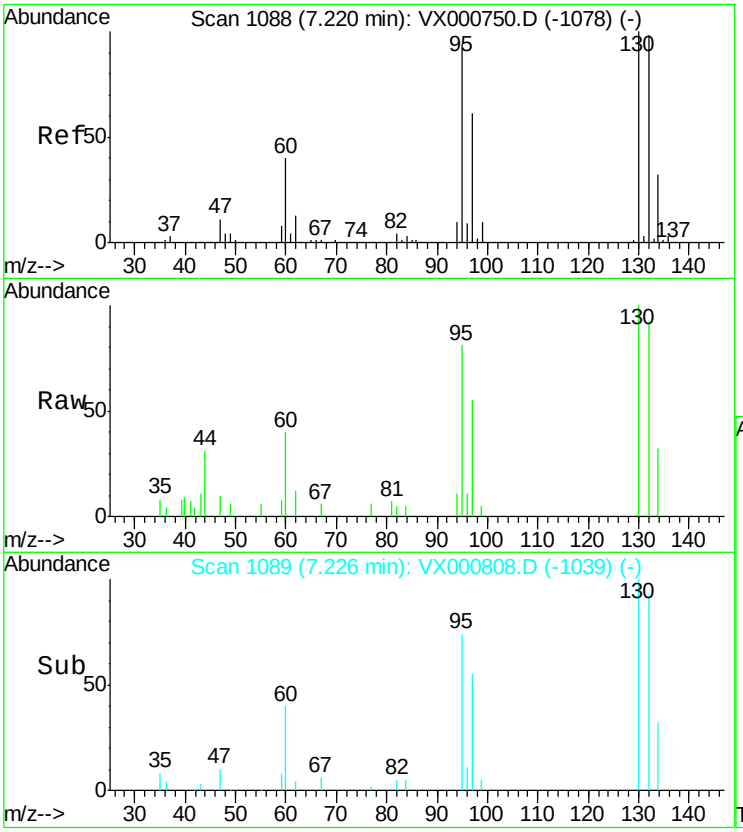


#40
Benzene
Concen: 1.37 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 78 Resp: 15087

Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.0	28.6



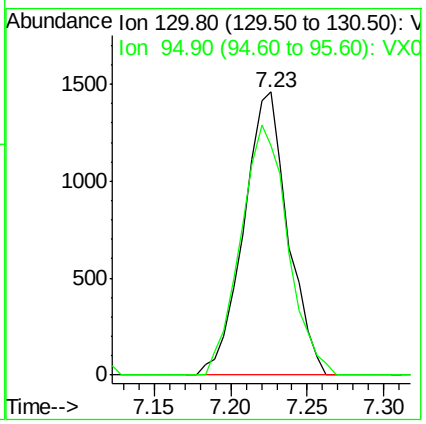


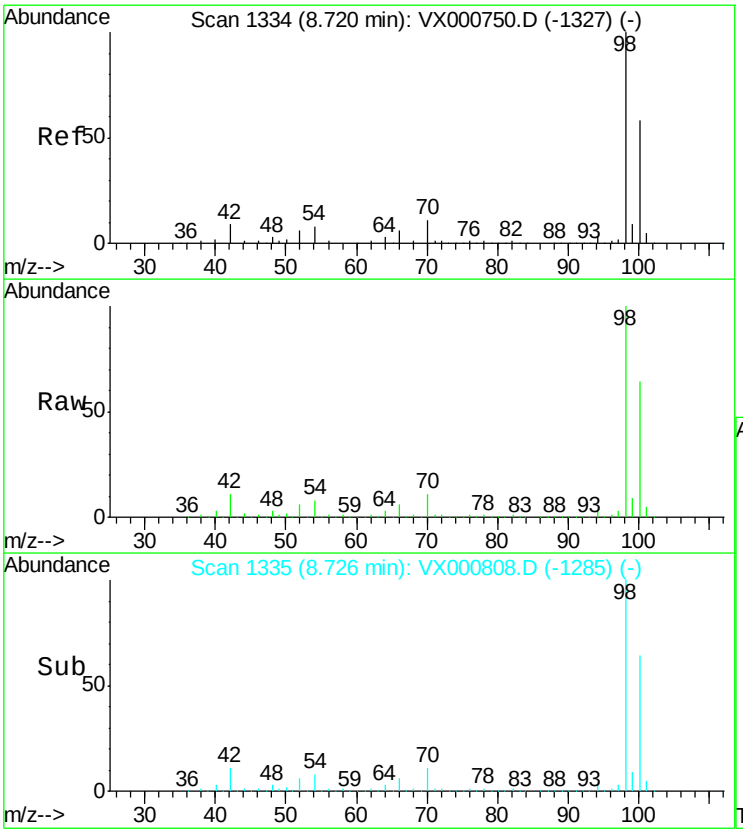
#44
Trichloroethene
Concen: 0.86 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:130 Resp: 2944

Ion	Ratio	Lower	Upper
130	100		
95	81.0	0.0	187.0

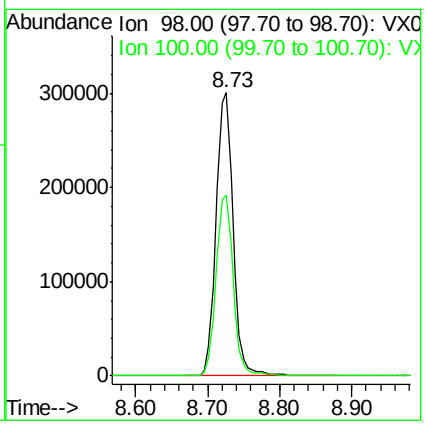


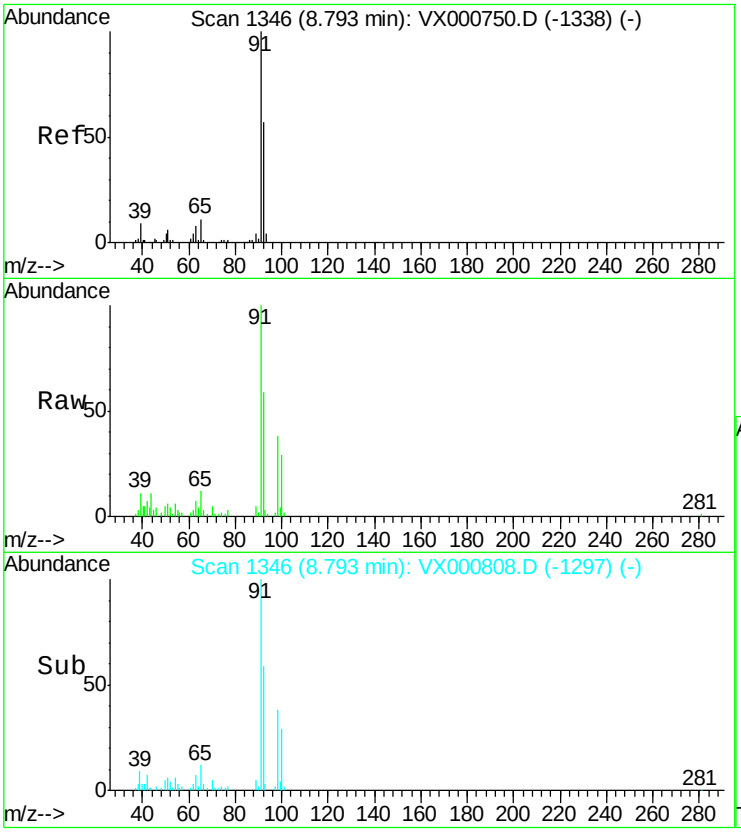


#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 98 Resp: 491840

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.6	79.0



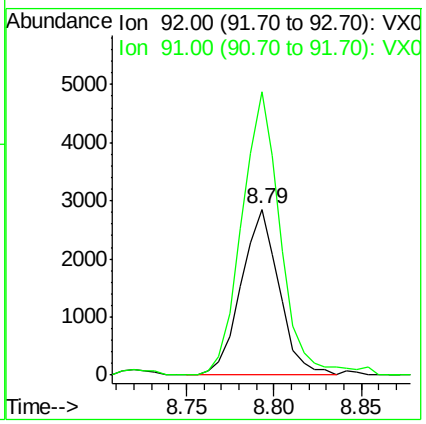


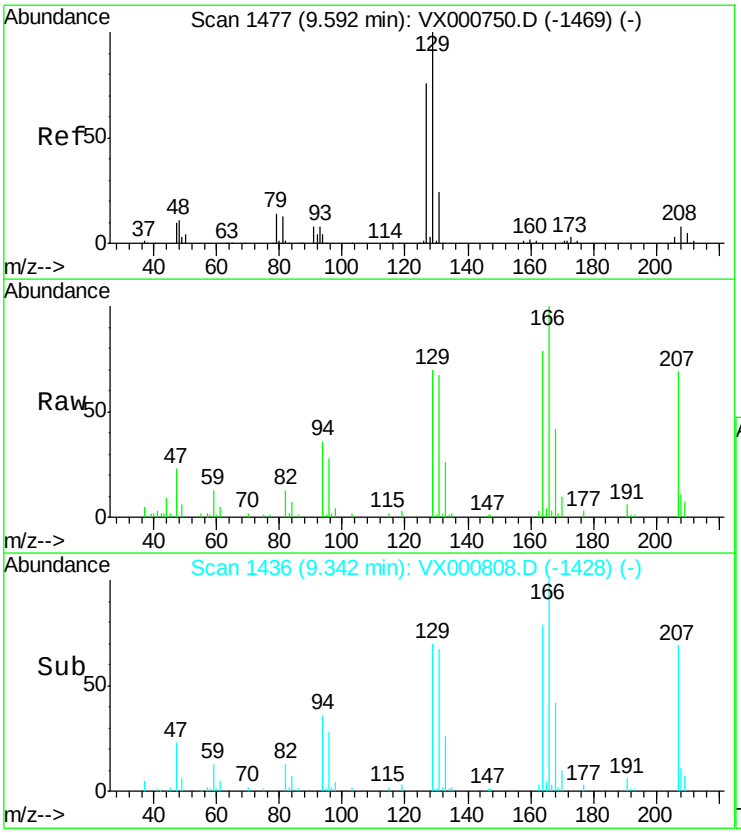
#52
Toluene
Concen: 0.59 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 92 Resp: 4309

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.0	208.4

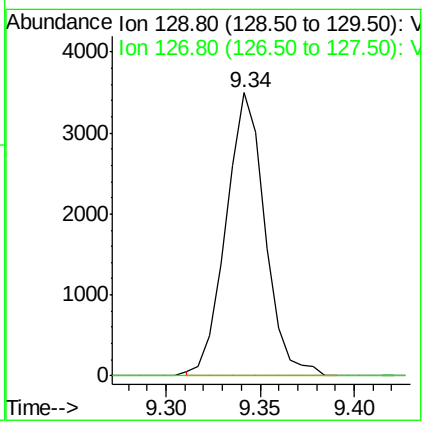


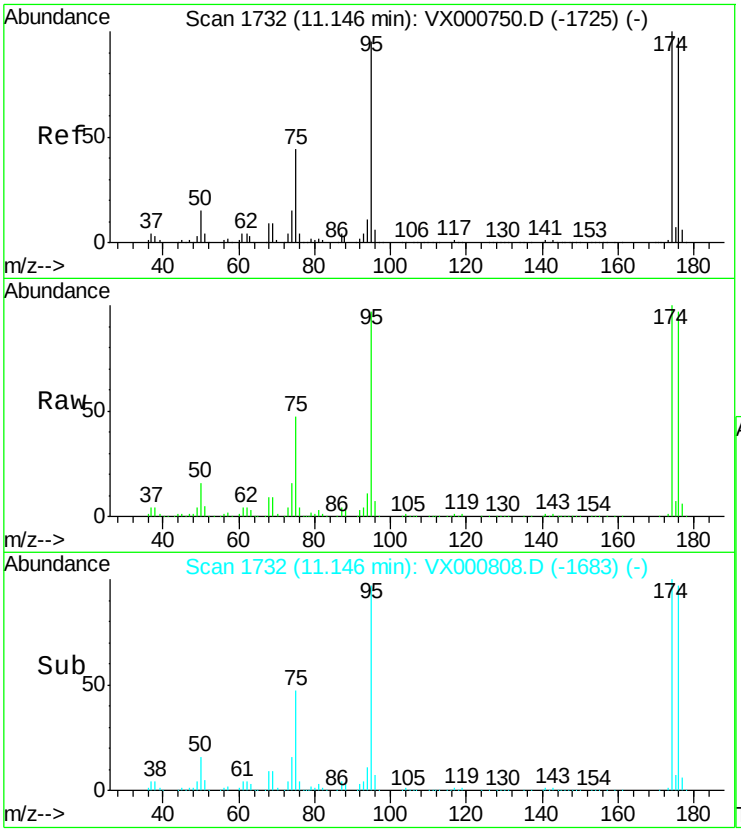


#60
Dibromochloromethane
Concen: 1.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:129 Resp: 5024

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#



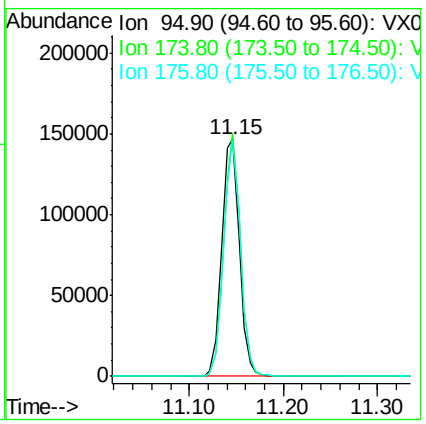


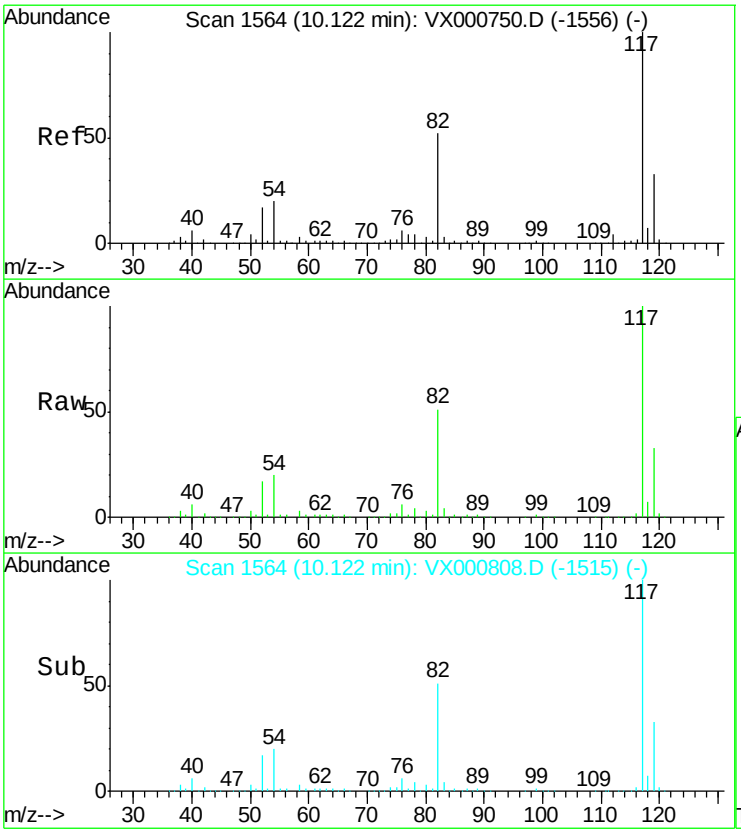
#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 95 Resp: 190124

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	198.4
176	94.9	0.0	194.4

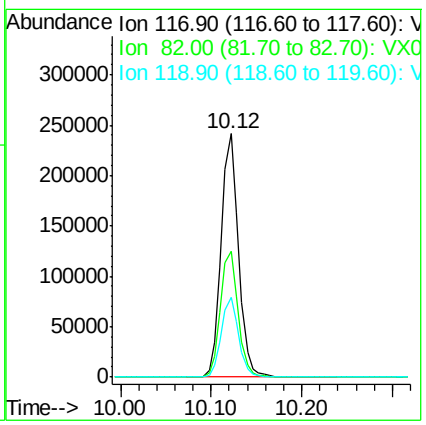


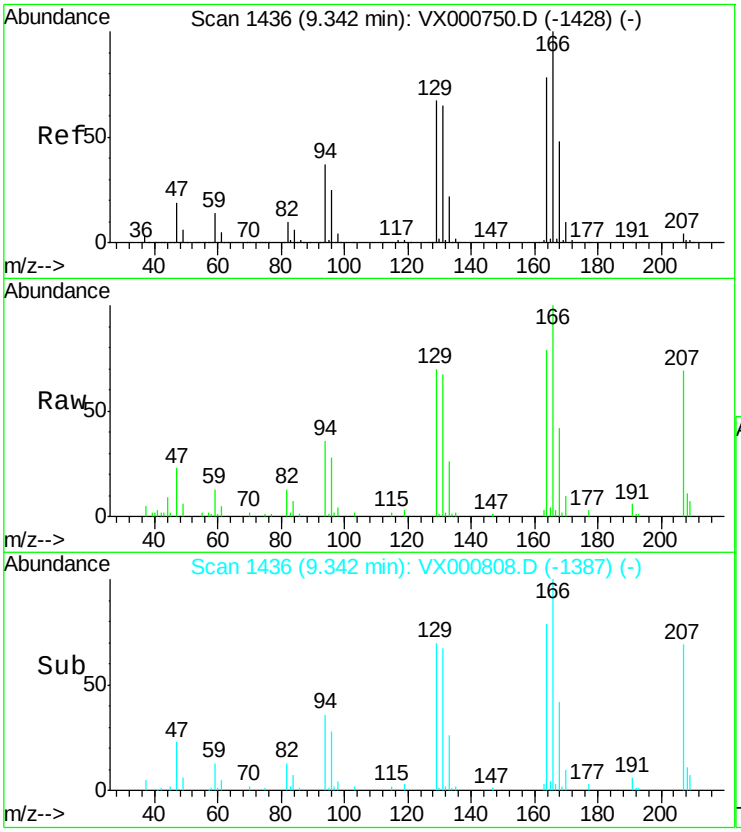


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:117 Resp: 322697

Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.9	62.9
119	32.7	26.0	39.0



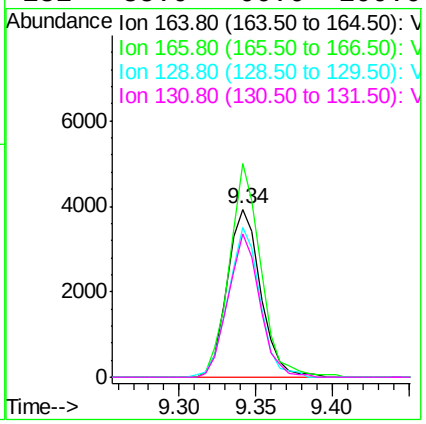


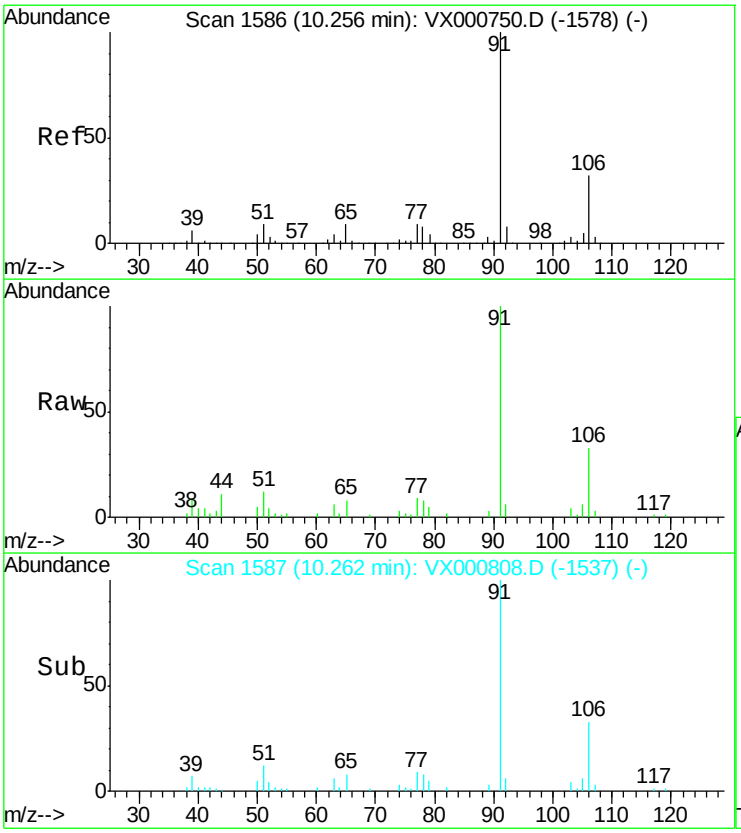
#64
Tetrachloroethene
Concen: 1.90 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:164 Resp: 5984

Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.8	154.2
129	88.8	68.5	102.7
131	85.0	66.6	100.0

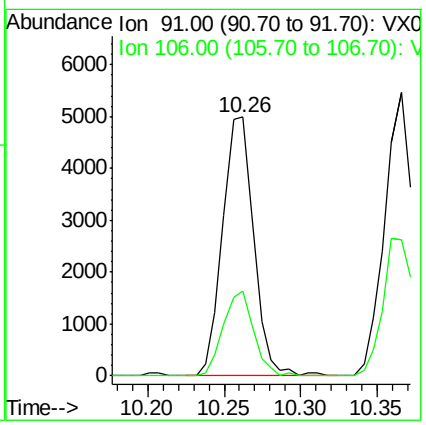


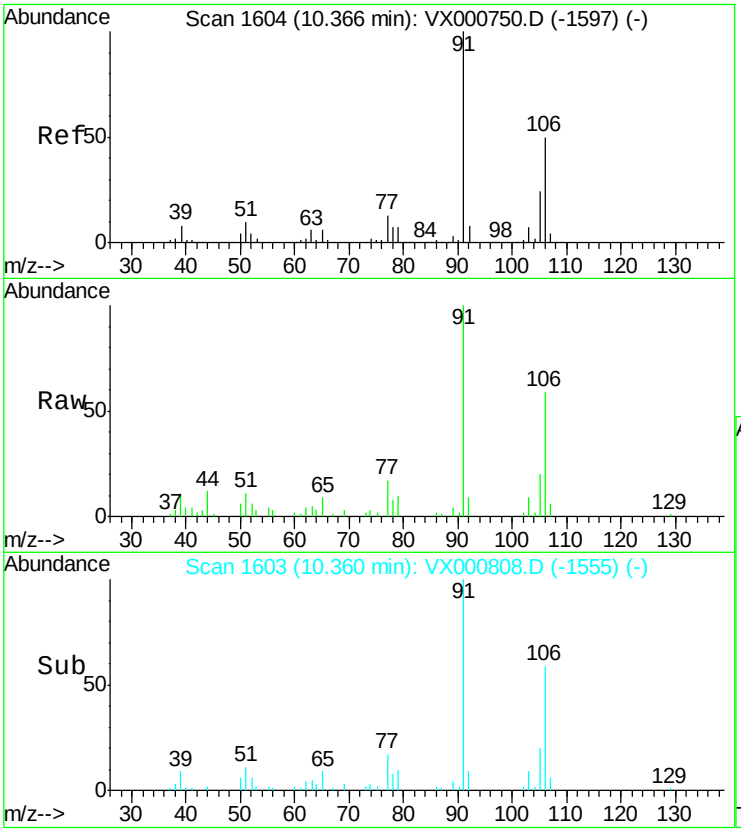


#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 91 Resp: 7070

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.4	38.0



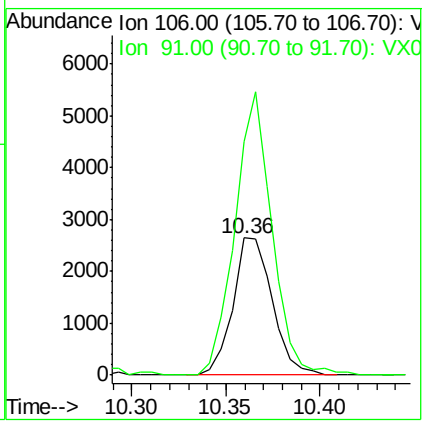


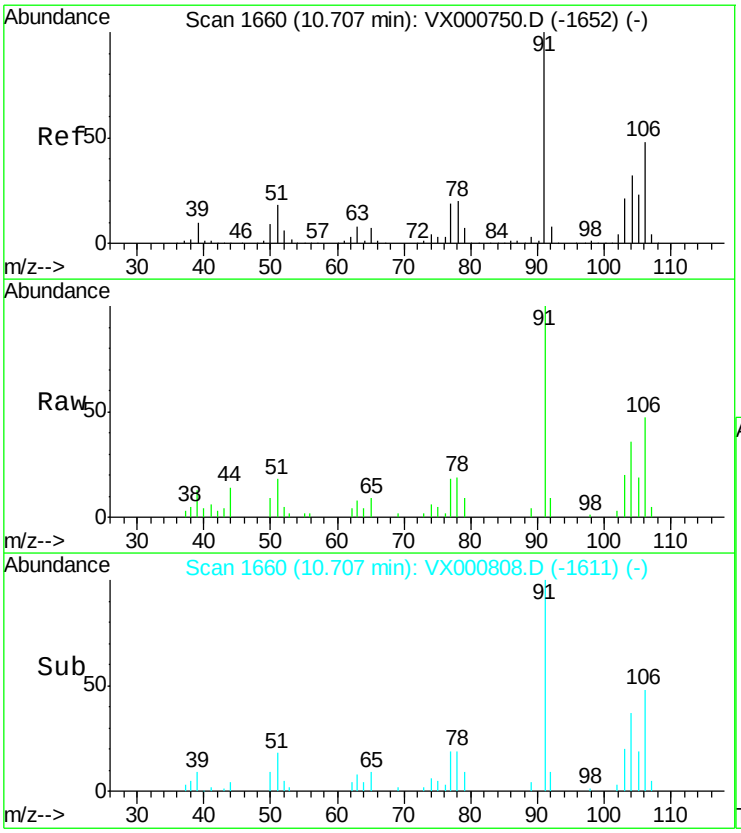
#68
m/p-Xylenes
Concen: 0.72 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:106 Resp: 3835

Ion	Ratio	Lower	Upper
106	100		
91	194.4	159.3	238.9

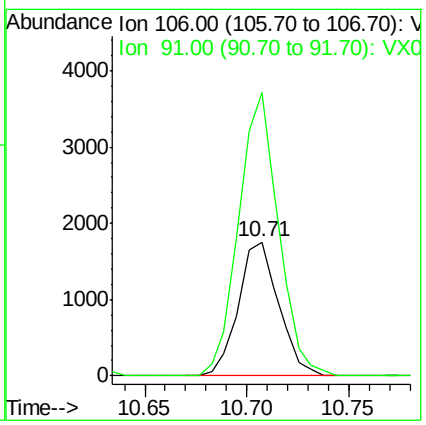


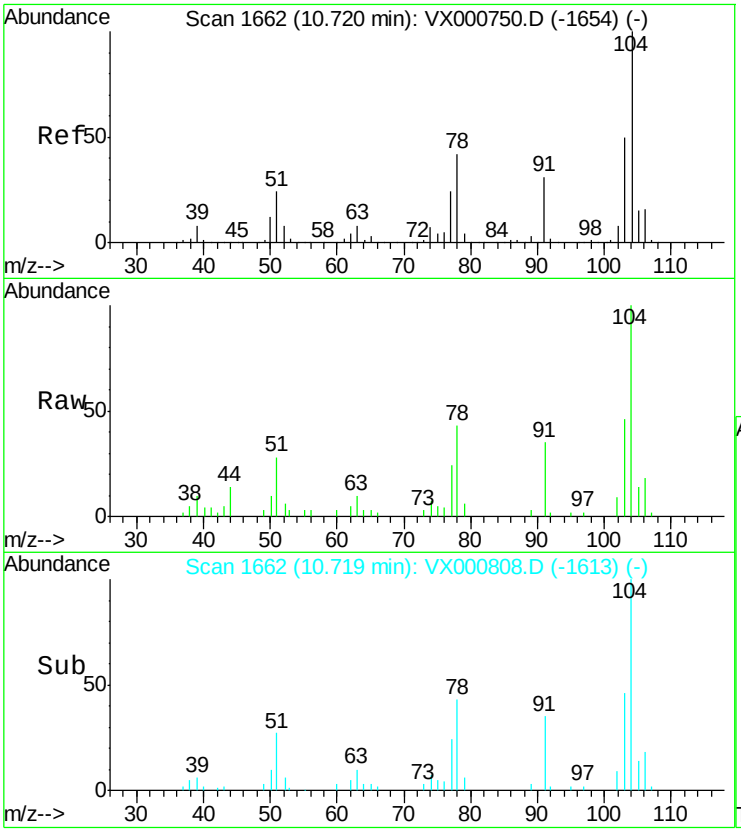


#69
o-Xylene
Concen: 0.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:106 Resp: 2406

Ion	Ratio	Lower	Upper
106	100		
91	208.9	105.0	315.0



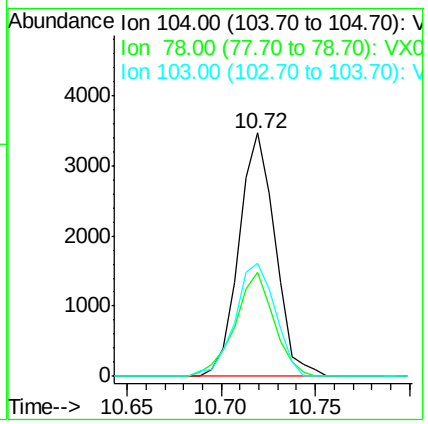


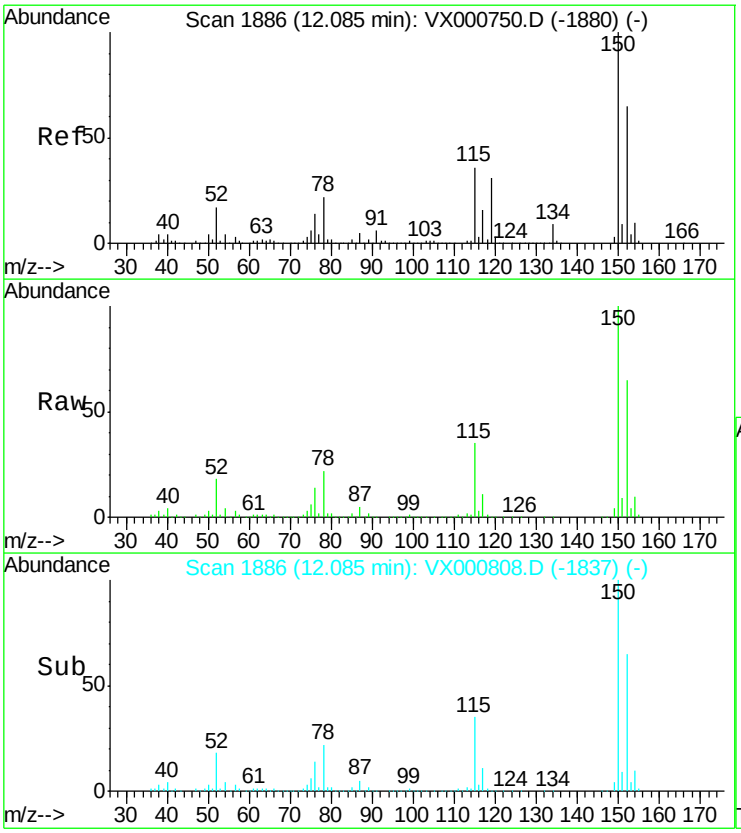
#70
Styrene
Concen: 0.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument : MSVOA_X
ClientSampleId : MW-103

Tgt Ion:104 Resp: 4618

Ion	Ratio	Lower	Upper
104	100		
78	45.8	39.0	58.6
103	51.5	44.1	66.1

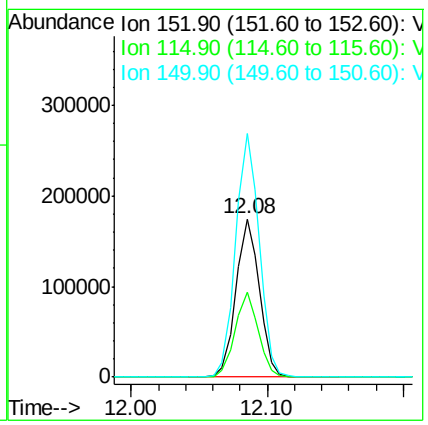


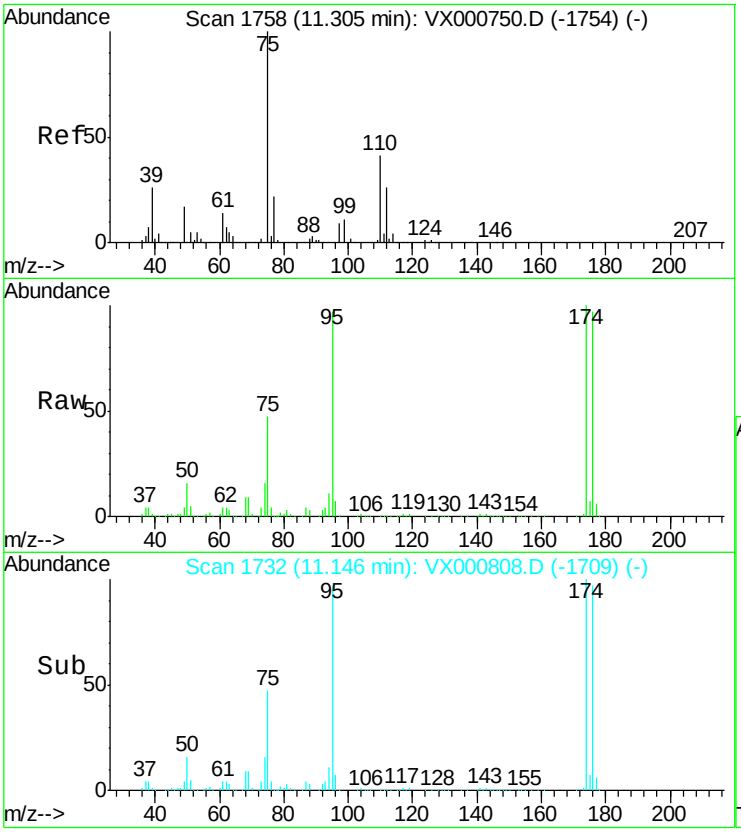


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:152 Resp: 208500

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.9	113.7
150	155.3	0.0	348.0



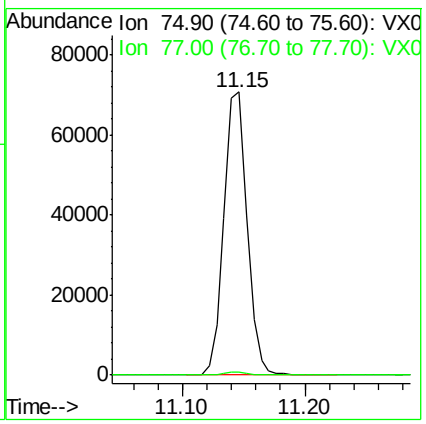


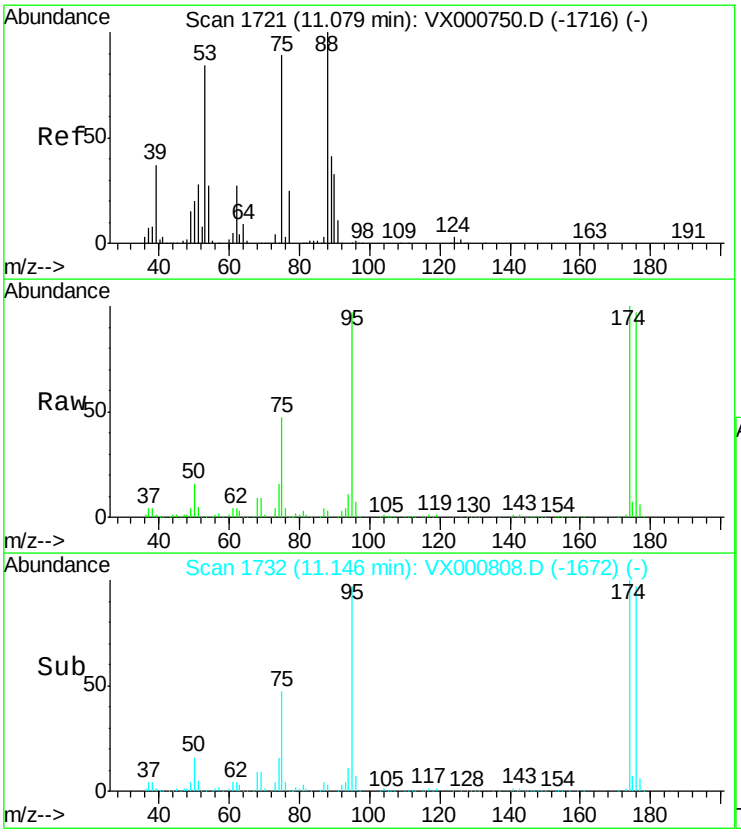
#76
1,2,3-Trichloropropane
Concen: 25.82 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion: 75 Resp: 92827

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#

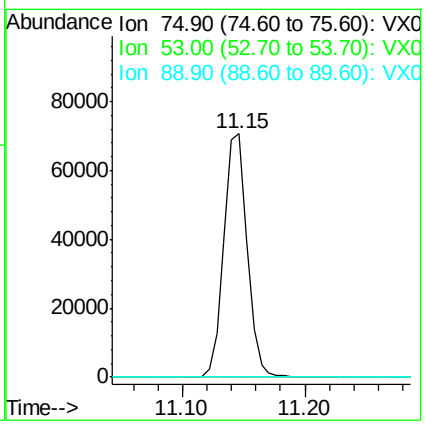


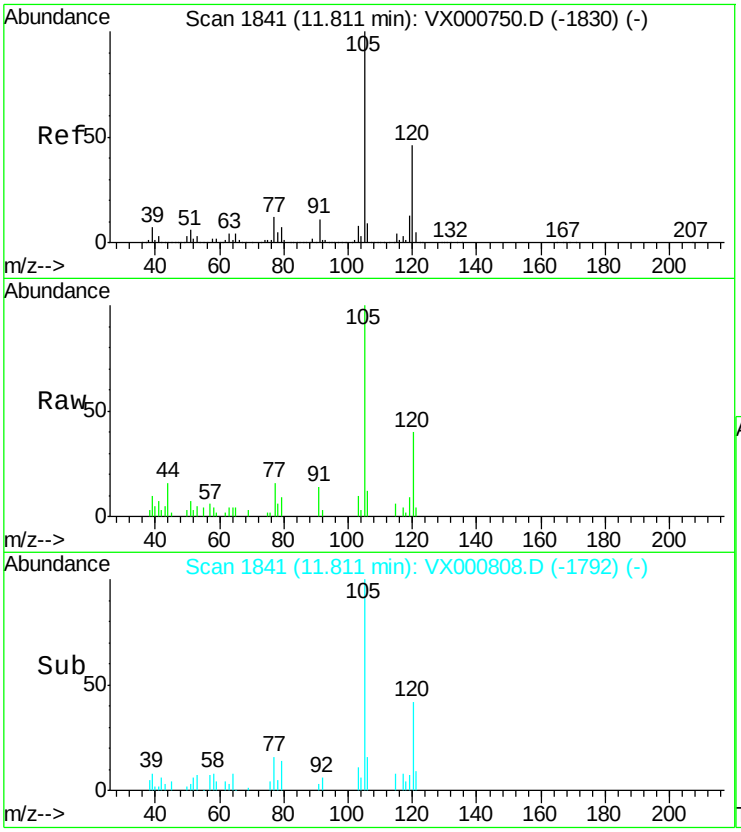


#81
trans-1,4-Dichloro-2-butene
Concen: 71.01 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.07 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion: 75 Resp: 92827

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.0#
89	0.0	40.9	61.3#



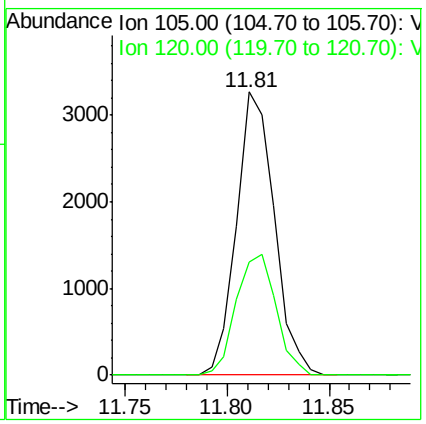


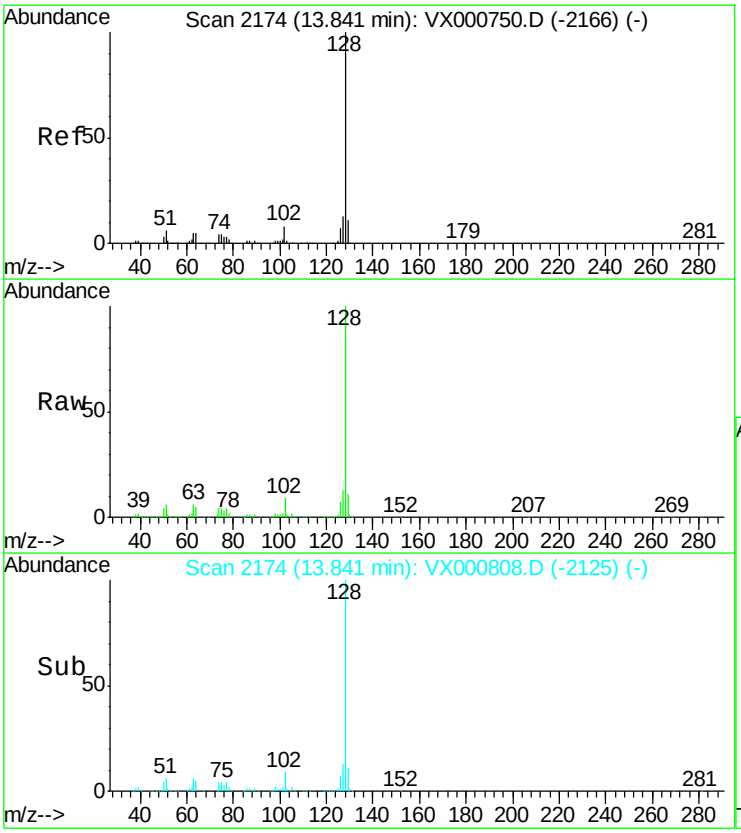
#84
1,2,4-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Tgt Ion:105 Resp: 4207

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.3





#95
Naphthalene
Concen: 8.33 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000808.D
Acq: 12 Apr 2018 17:48

Tgt Ion:128 Resp: 126387

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.7	8.7	13.1