Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
Data File : VX000791.D
Acq On : 11 Apr 2018 20:37
Operator : JC/MD
Sample : J2161-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Quant Time: Apr 12 07:08:50 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	311941	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	433713	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	407109	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243384	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	157145	39.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.90%				
35) Dibromofluoromethane	5.51	113	132431	39.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.26%				
50) Toluene-d8	8.72	98	497962	40.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.04%				
62) 4-Bromofluorobenzene	11.15	95	203736	39.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.16%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	149	Below Cal		#	70
10) Methyl Iodide	2.52	142	103	8.27	ug/l	#	42
13) Acrolein	2.30	56	189	0.56	ug/l	#	69
16) Acetone	2.45	43	3764	2.78	ug/l		98
17) Carbon Disulfide	2.57	76	1781	0.21	ug/l	#	92
20) Methylene Chloride	2.87	84	3175	1.01	ug/l	#	82
25) 2-Butanone	4.73	43	935	0.42	ug/l	#	82
29) Tetrahydrofuran	5.18	42	295	0.21	ug/l	#	72
36) 1,1-Dichloropropene	5.68	75	18840	3.94	ug/l	#	49
38) Carbon Tetrachloride	5.68	117	26072	4.88	ug/l	#	15
43) Isopropyl Acetate	6.48	43	2434	0.30	ug/l	#	85
52) Toluene	8.79	92	2912	0.33	ug/l		96
67) Ethyl Benzene	10.26	91	6494	0.38	ug/l		99
68) m/p-Xylenes	10.37	106	5131	0.76	ug/l		97
69) o-Xylene	10.71	106	2114	0.33	ug/l		100
70) Styrene	10.72	104	3535	0.32	ug/l		95
74) N-amyl acetate	6.48	43	2434	0.35	ug/l	#	82
76) 1,2,3-Trichloropropane	11.14	75	100622	23.97	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.51	105	3636	0.27	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	100622	65.94	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	12650	0.92	ug/l		96
93) 1,2,4-Trichlorobenzene	13.65	180	3355	0.49	ug/l		98
95) Naphthalene	13.84	128	189084	10.68	ug/l		99

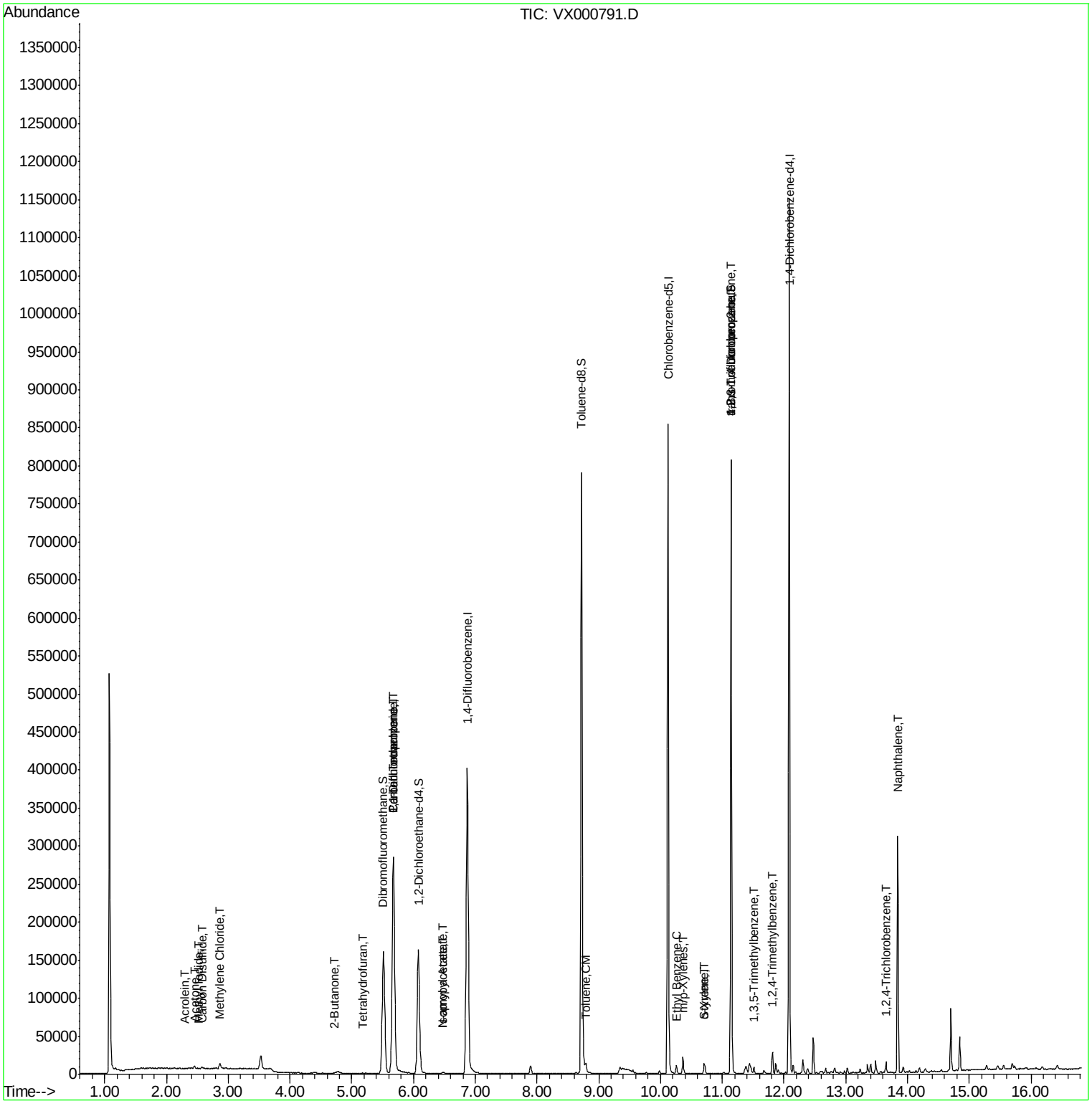
(#) = qualifier out of range (m) = manual integration (+) = signals summed

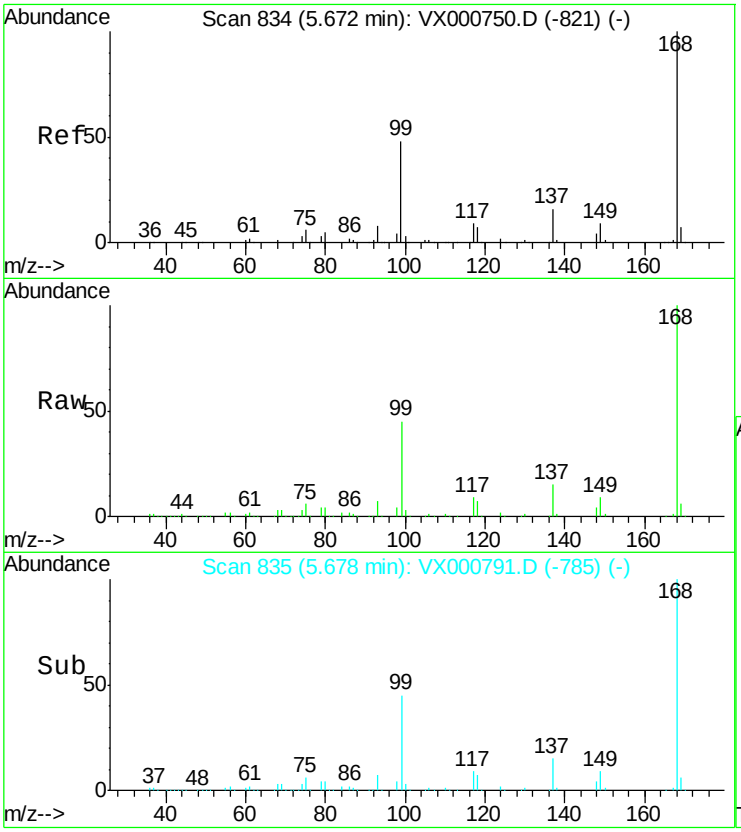
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
Data File : VX000791.D
Acq On : 11 Apr 2018 20:37
Operator : JC/MD
Sample : J2161-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Quant Time: Apr 12 07:08:50 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



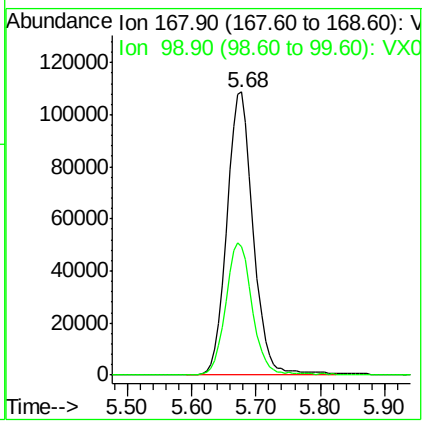


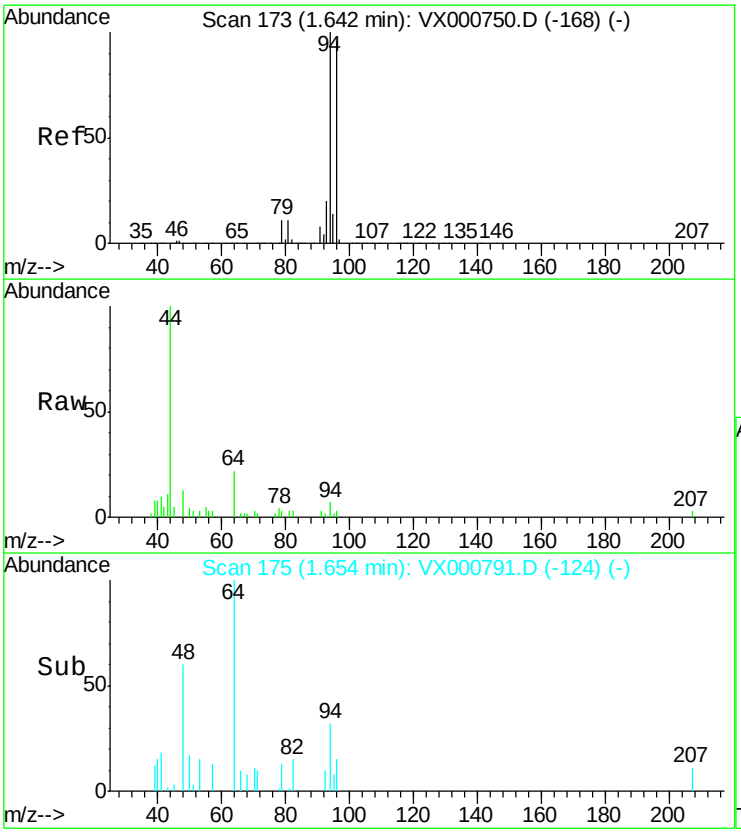
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:168 Resp: 311941

Ion	Ratio	Lower	Upper
168	100		
99	45.3	38.3	57.5

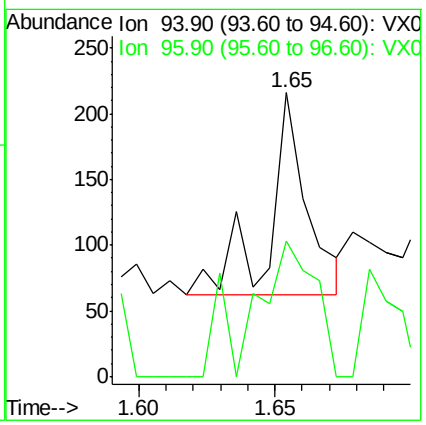


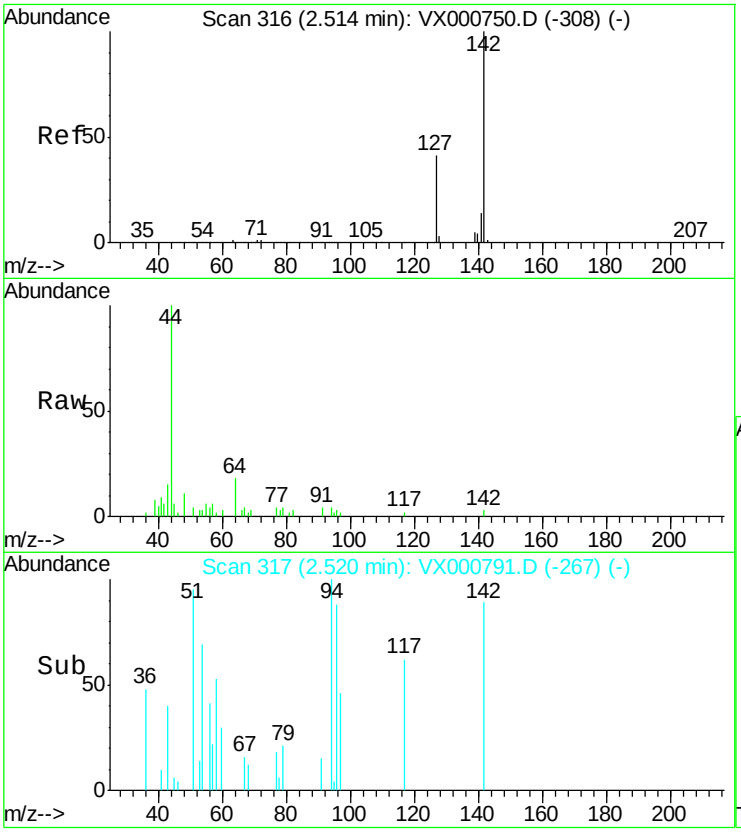


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 94 Resp: 149

Ion	Ratio	Lower	Upper
94	100		
96	66.9	77.0	115.6#



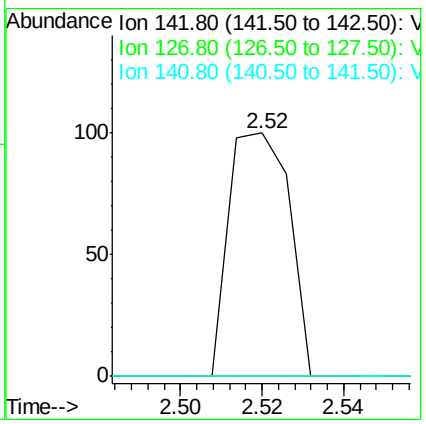


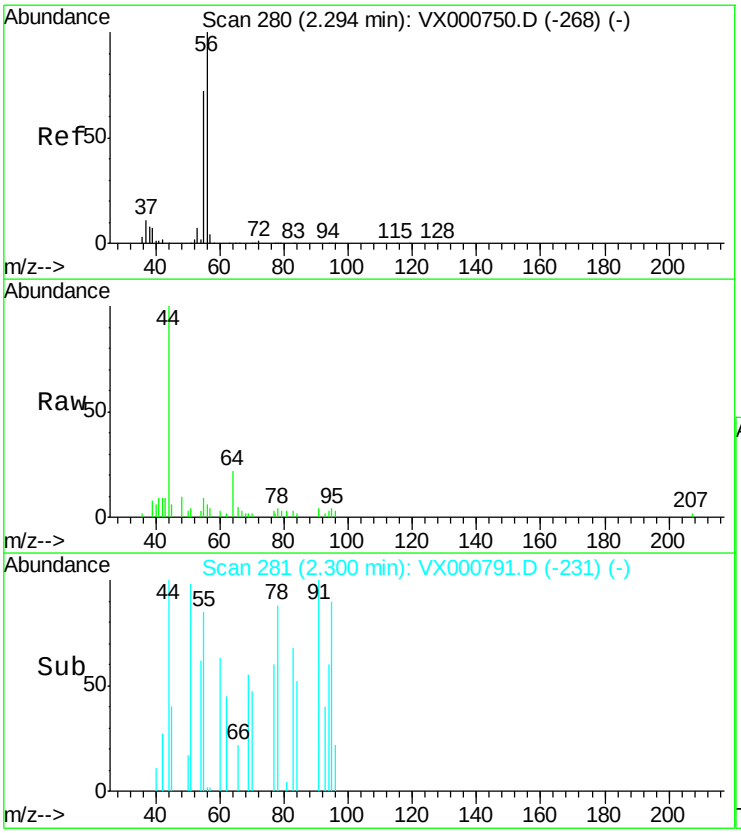
#10
Methyl Iodide
Concen: 8.27 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion:142 Resp: 103

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

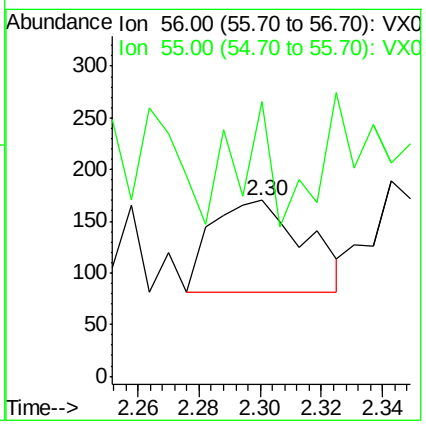


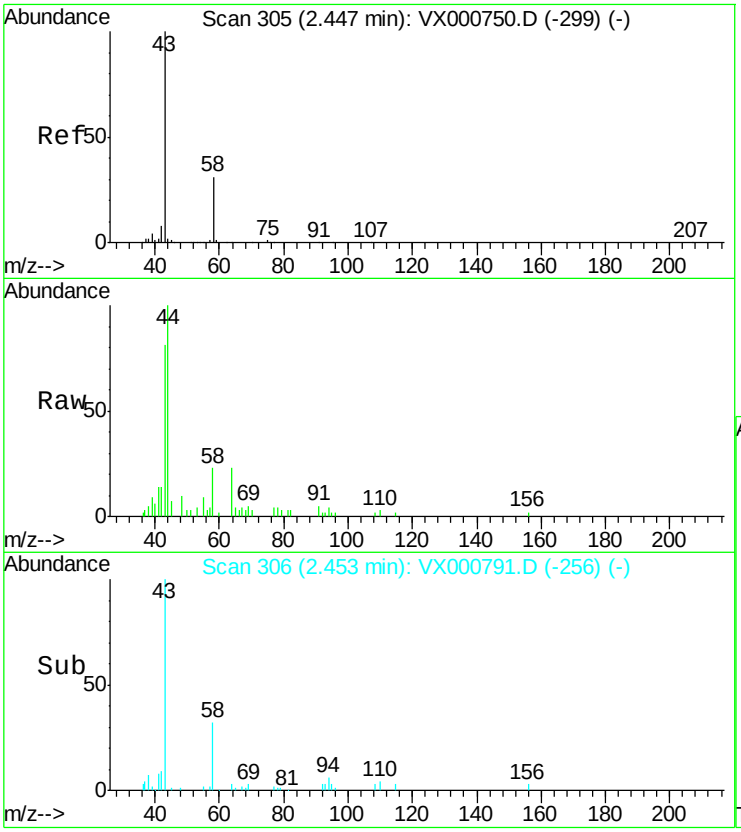


#13
Acrolein
Concen: 0.56 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	47.1	58.7	88.1#



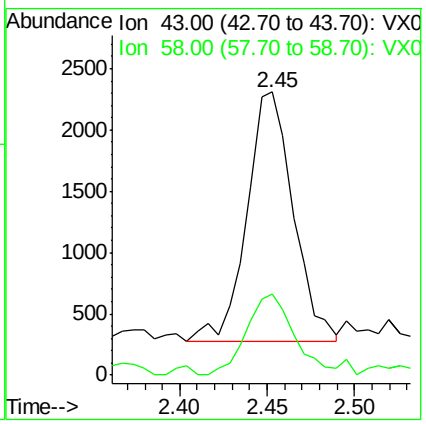


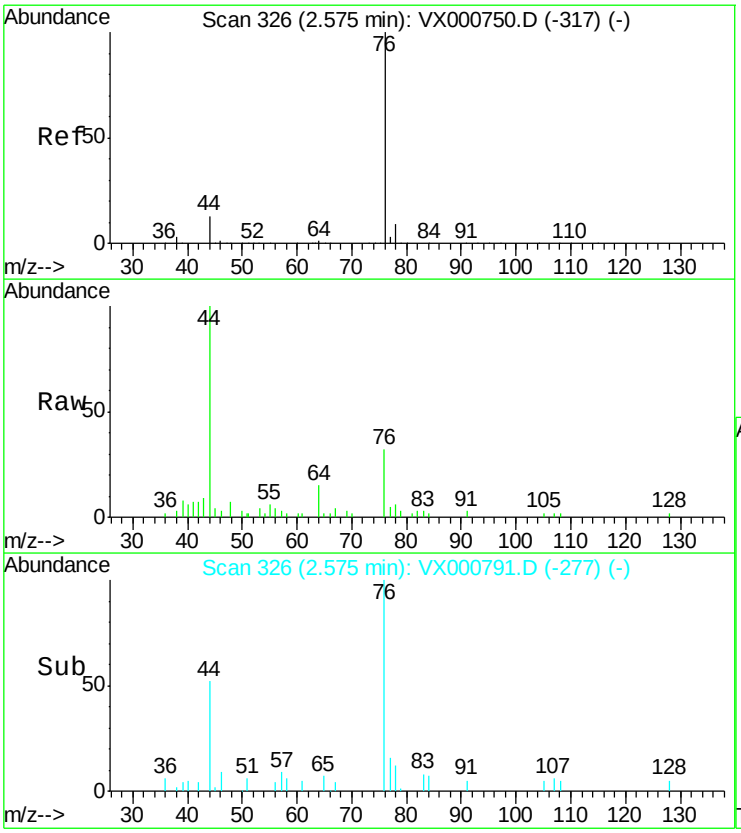
#16
Acetone
Concen: 2.78 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion: 43 Resp: 3764

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.6	37.0

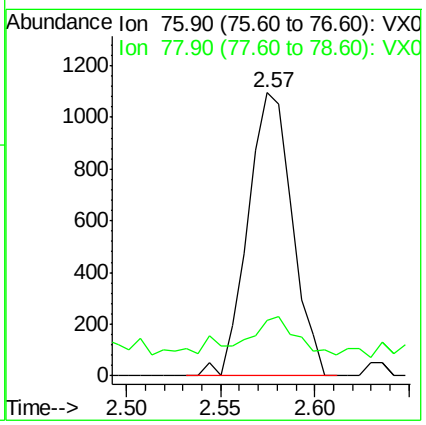


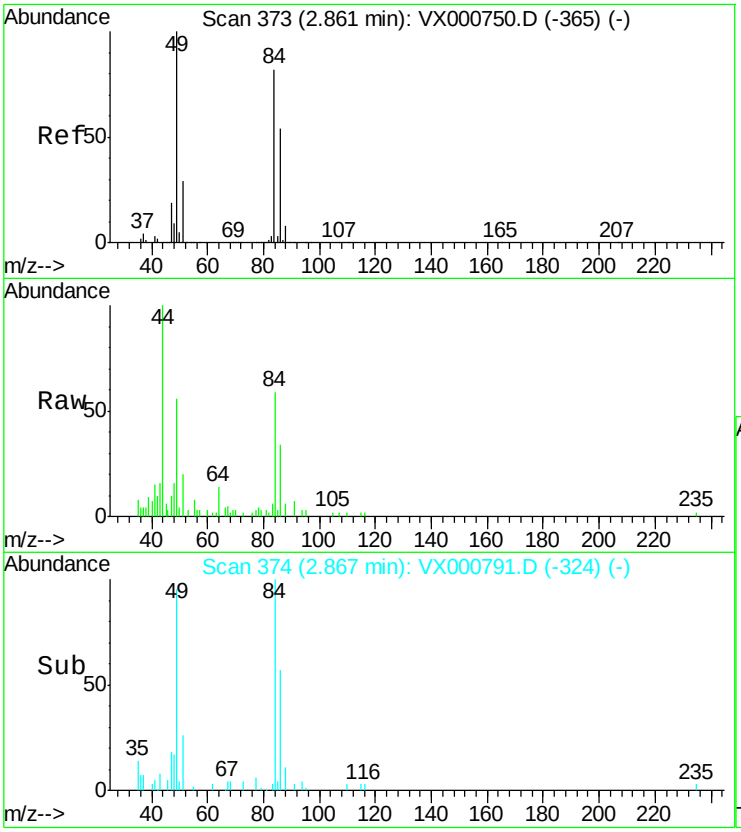


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 76 Resp: 1781

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.4	11.2#



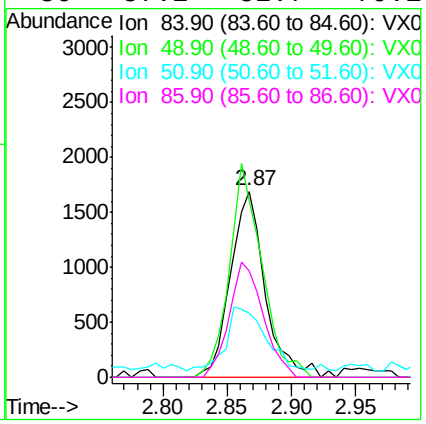


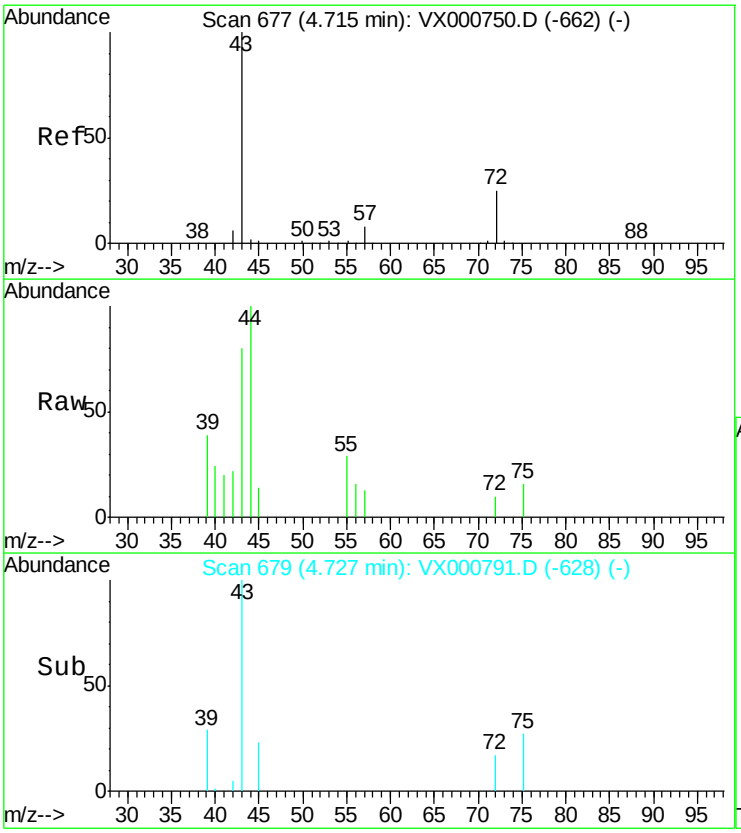
#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion: 84 Resp: 3175

Ion	Ratio	Lower	Upper
84	100		
49	95.0	98.1	147.1#
51	31.2	28.9	43.3
86	57.2	52.7	79.1

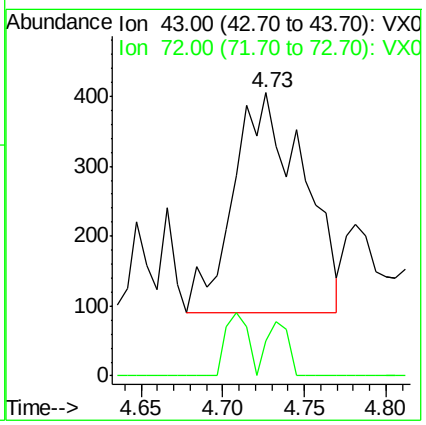


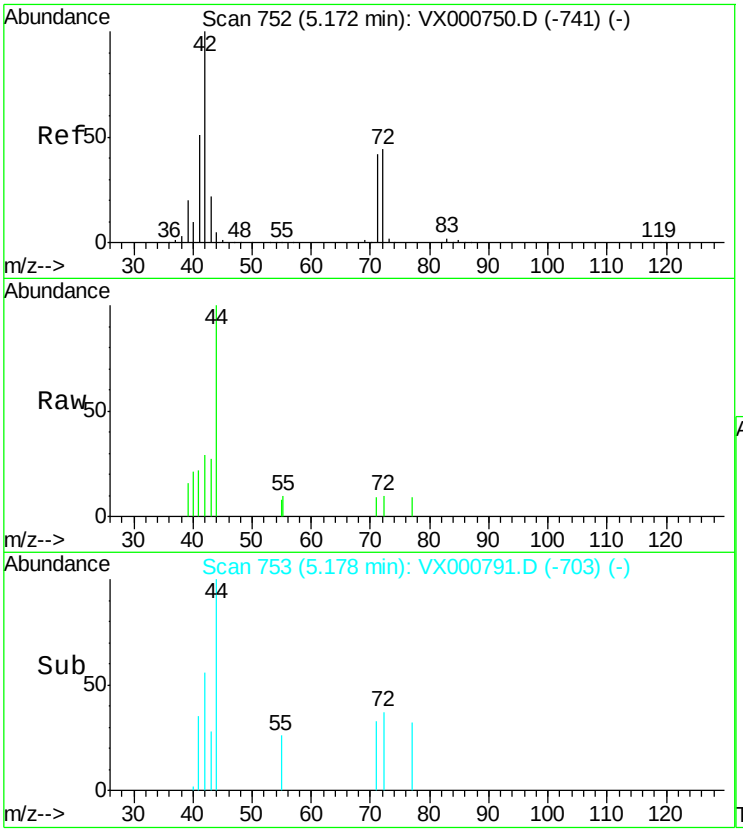


#25
2-Butanone
Concen: 0.42 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 43 Resp: 935

Ion	Ratio	Lower	Upper
43	100		
72	16.2	20.3	30.5#



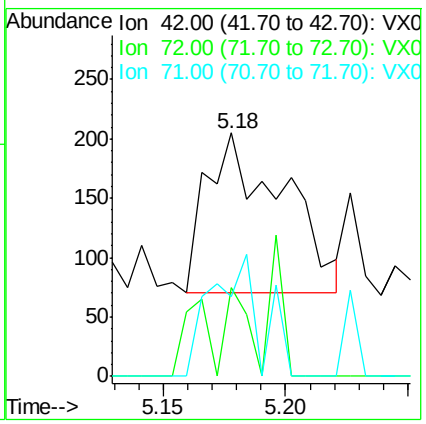


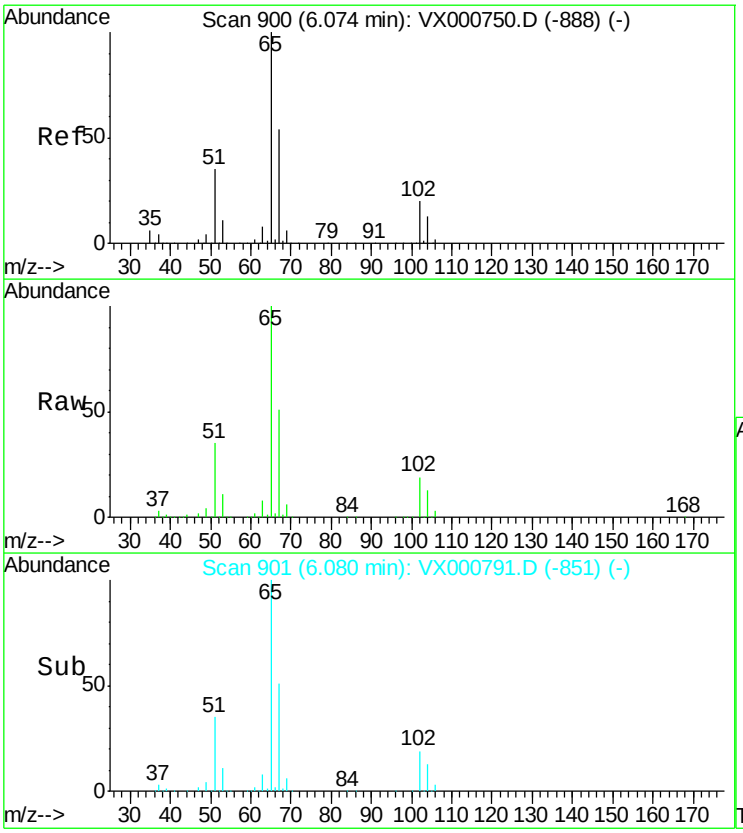
#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion: 42 Resp: 295

Ion	Ratio	Lower	Upper
42	100		
72	15.6	35.1	52.7#
71	48.5	32.8	49.2

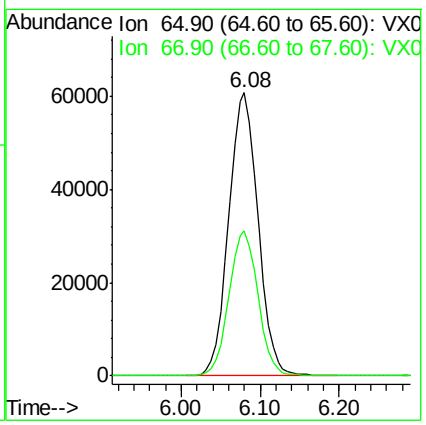


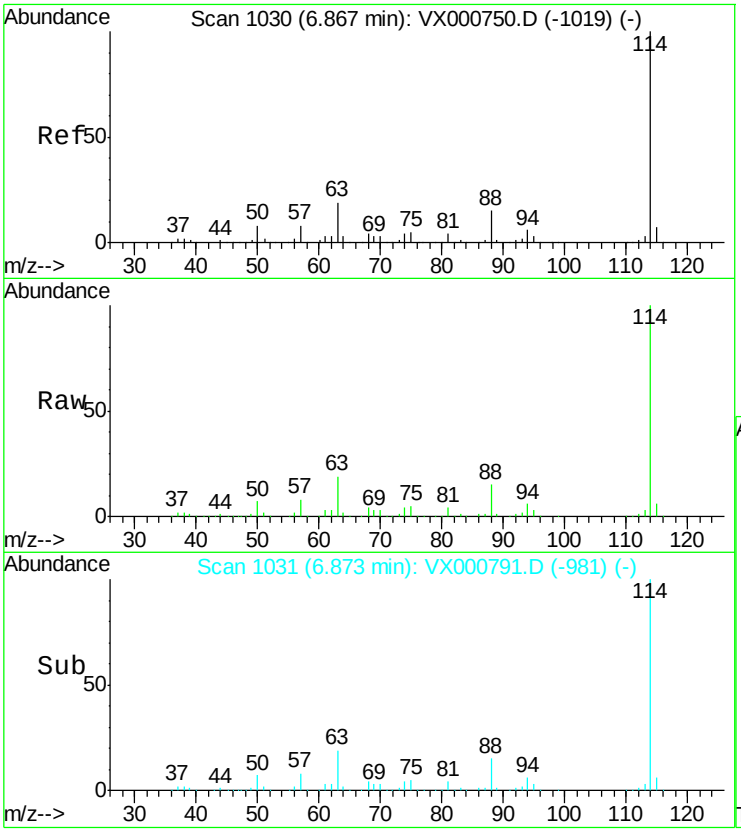


#33
1,2-Dichloroethane-d4
Concen: 39.95 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 65 Resp: 157145

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.8



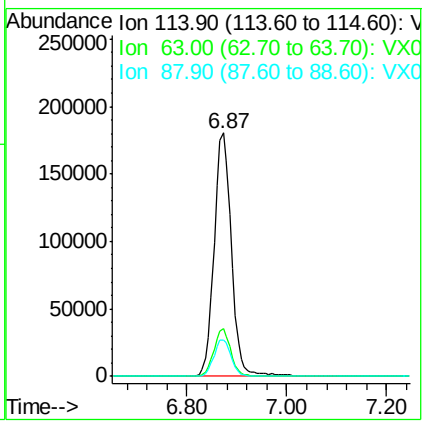


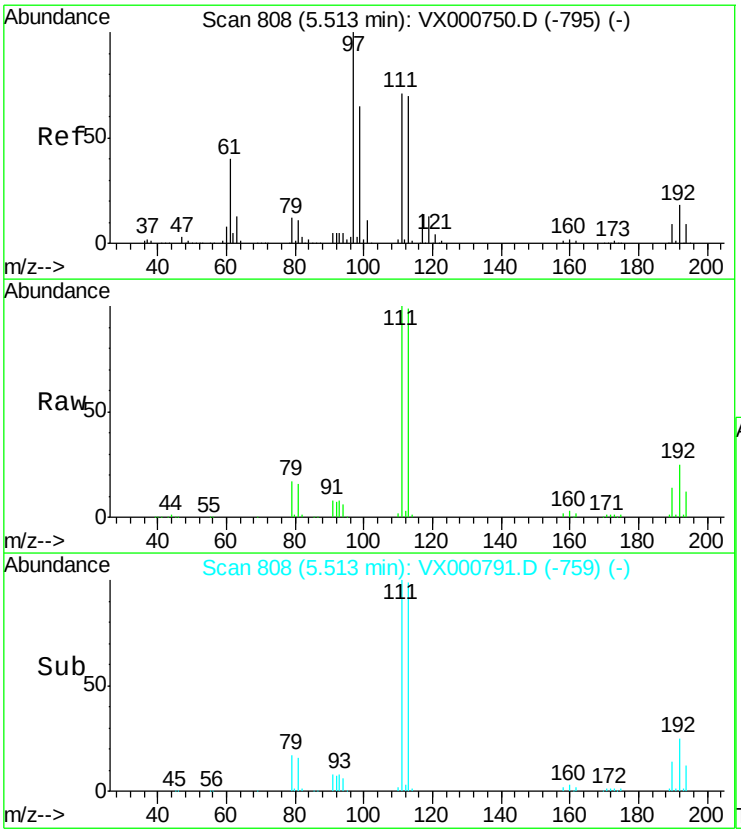
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:114 Resp: 433713

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.1	0.0	31.0

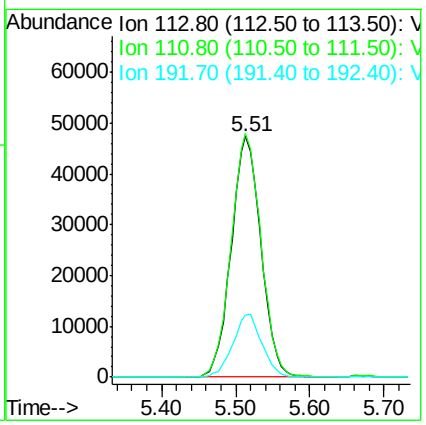


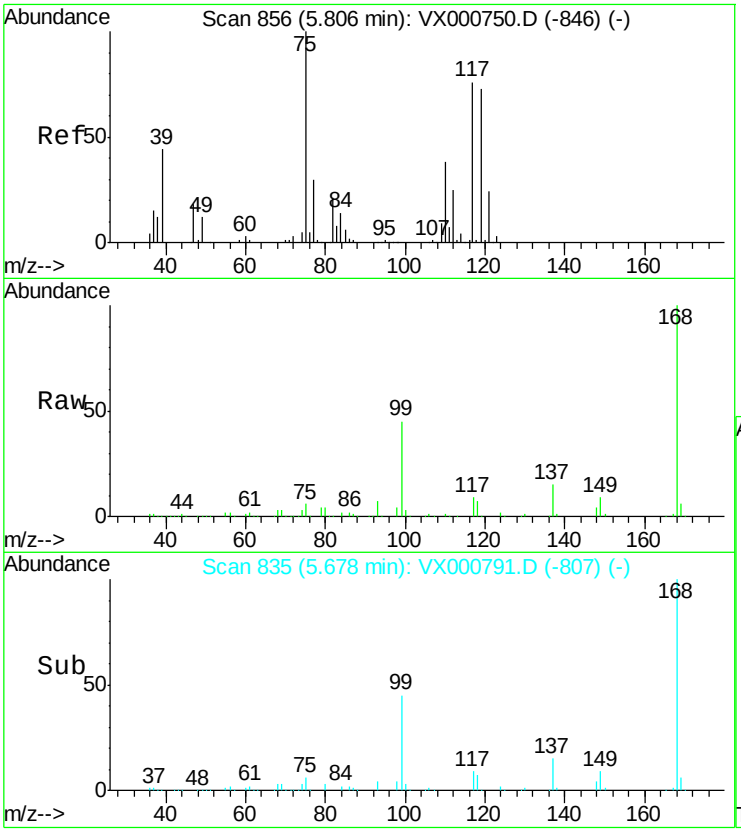


#35
Dibromofluoromethane
Concen: 39.63 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion:113 Resp: 132431

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	25.6	20.4	30.6



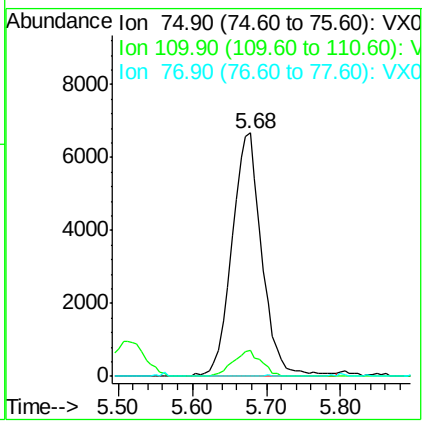


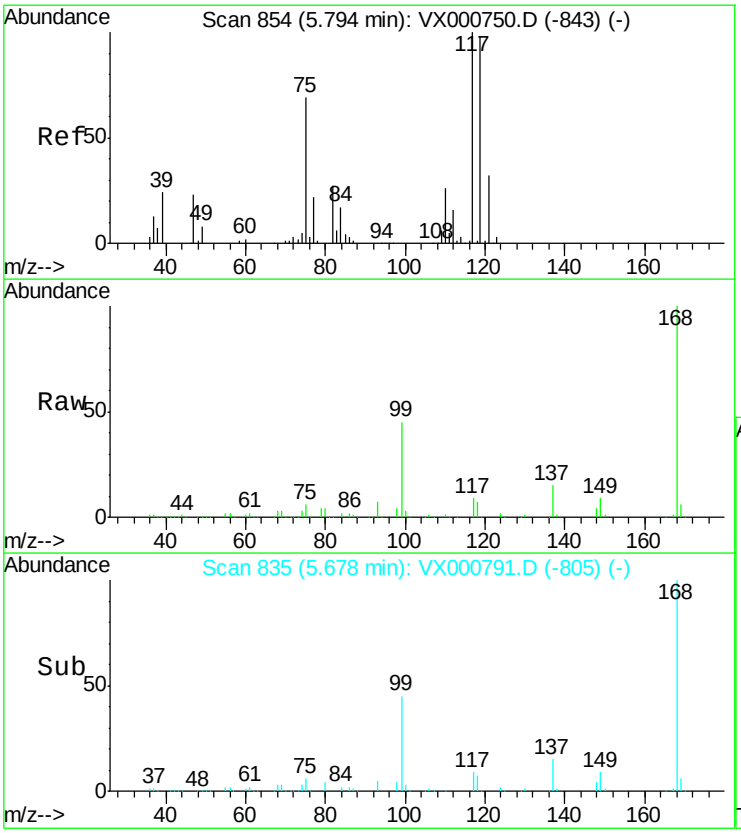
#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion: 75 Resp: 18840

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.2	57.6#
77	0.0	25.4	38.2#

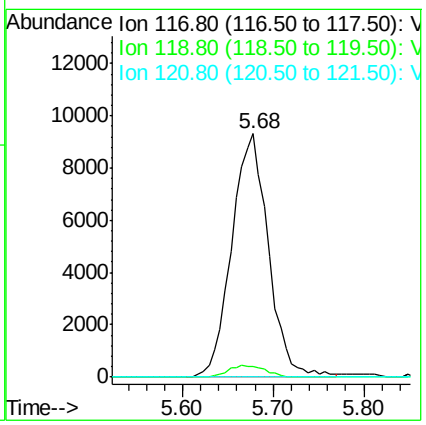


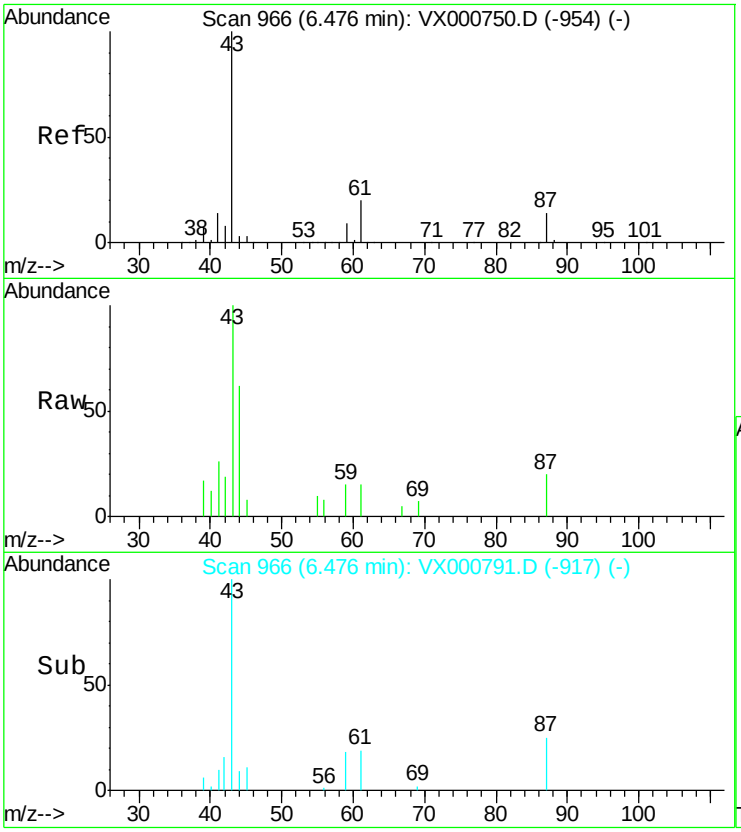


#38
Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion:117 Resp: 26072

Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.4	117.6#
121	0.0	25.4	38.0#



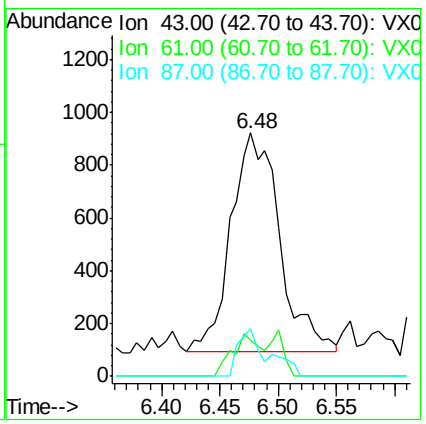


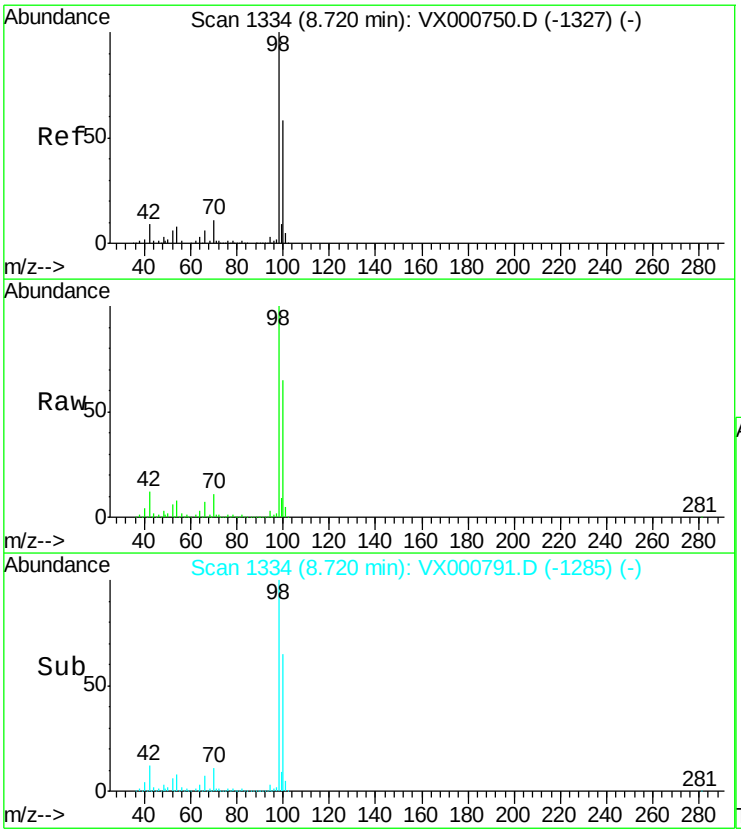
#43
Isopropyl Acetate
Concen: 0.30 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion: 43 Resp: 2434

Ion	Ratio	Lower	Upper
43	100		
61	11.2	15.6	23.4#
87	9.0	10.7	16.1#

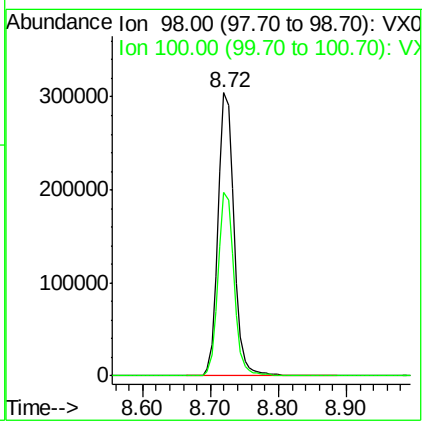


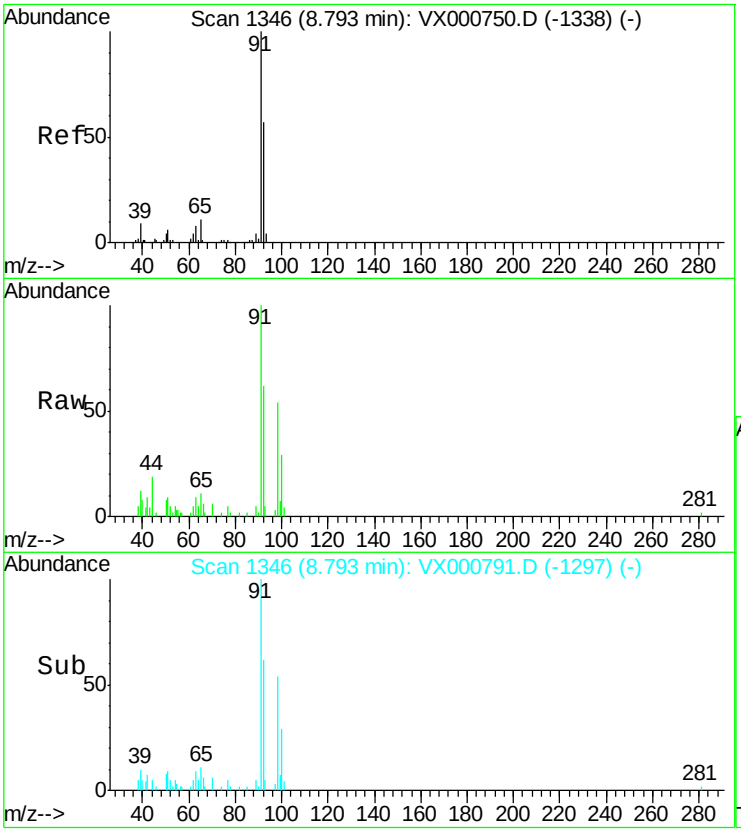


#50
Toluene-d8
Concen: 40.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 98 Resp: 497962

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.6	79.0



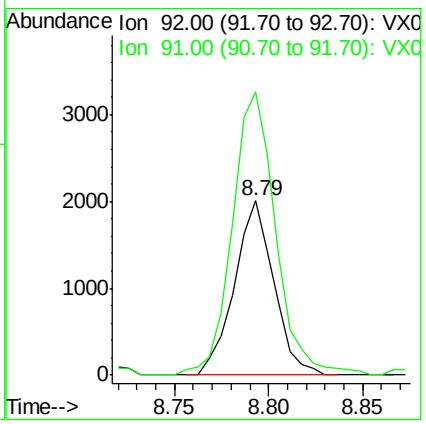


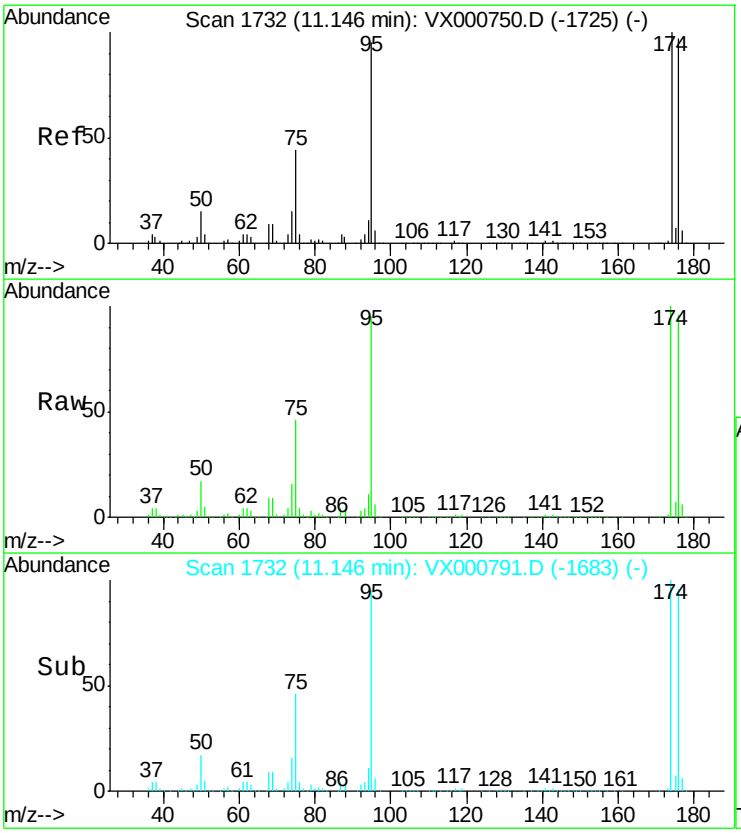
#52
Toluene
Concen: 0.33 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion: 92 Resp: 2912

Ion	Ratio	Lower	Upper
92	100		
91	179.0	139.0	208.4

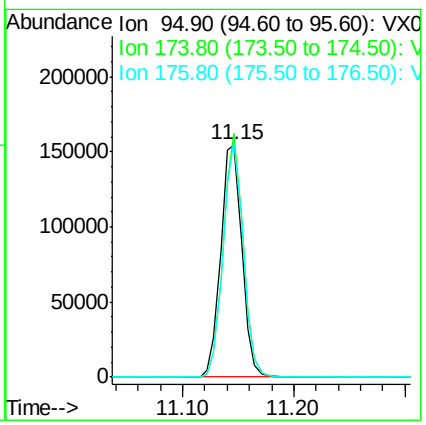


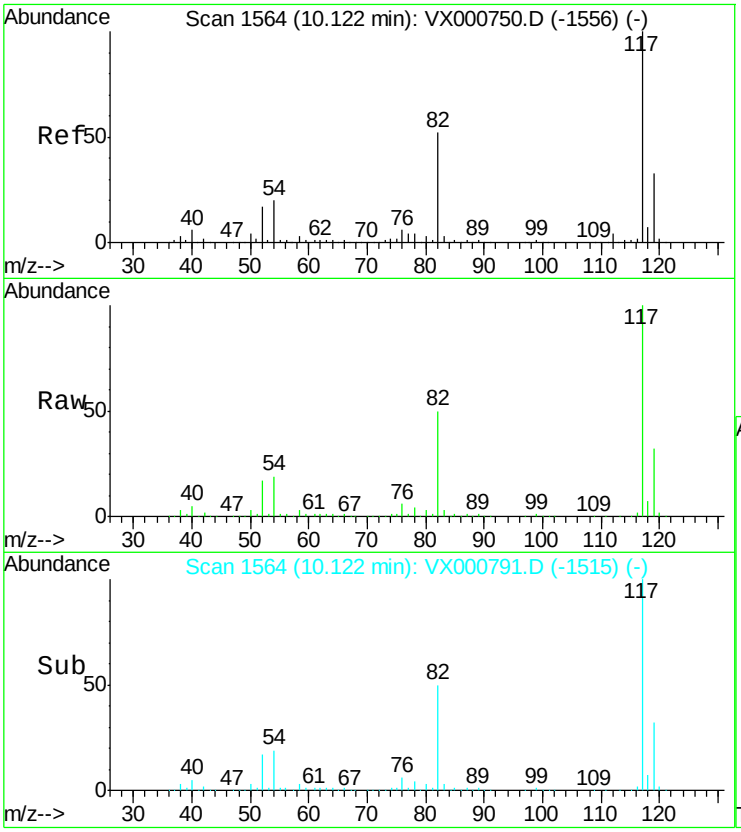


#62
4-Bromofluorobenzene
Concen: 39.58 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 95 Resp: 203736

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	198.4
176	95.8	0.0	194.4



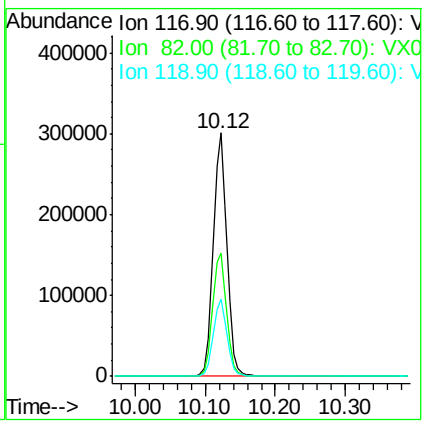


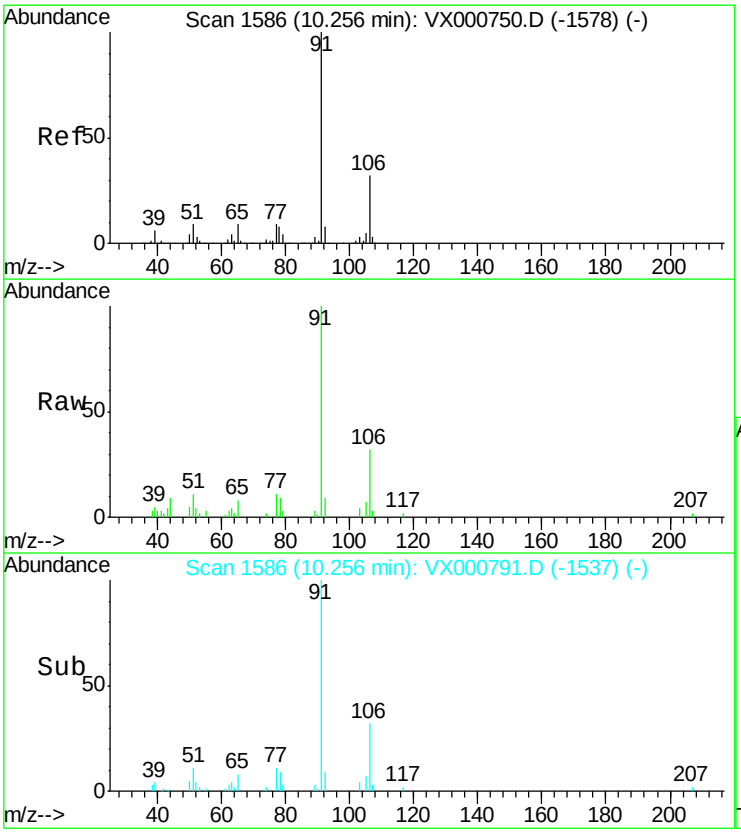
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:117 Resp: 407109

Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.9	62.9
119	31.9	26.0	39.0

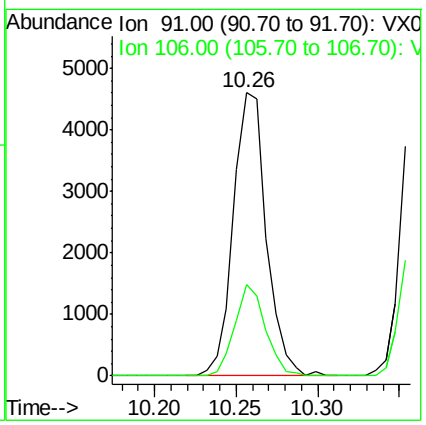


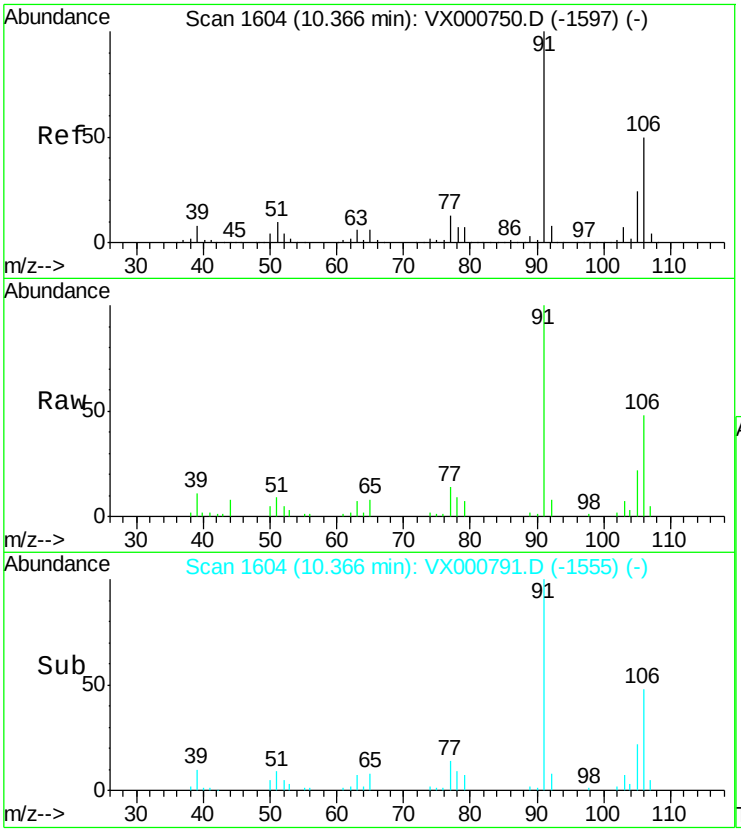


#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 91 Resp: 6494

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.0



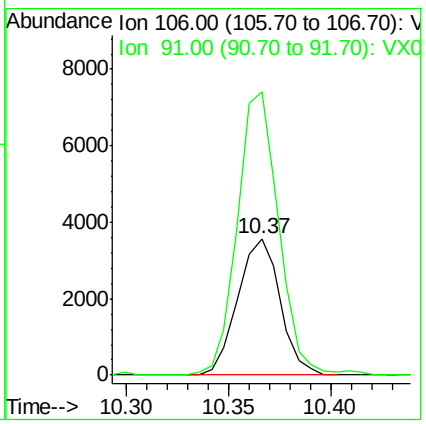


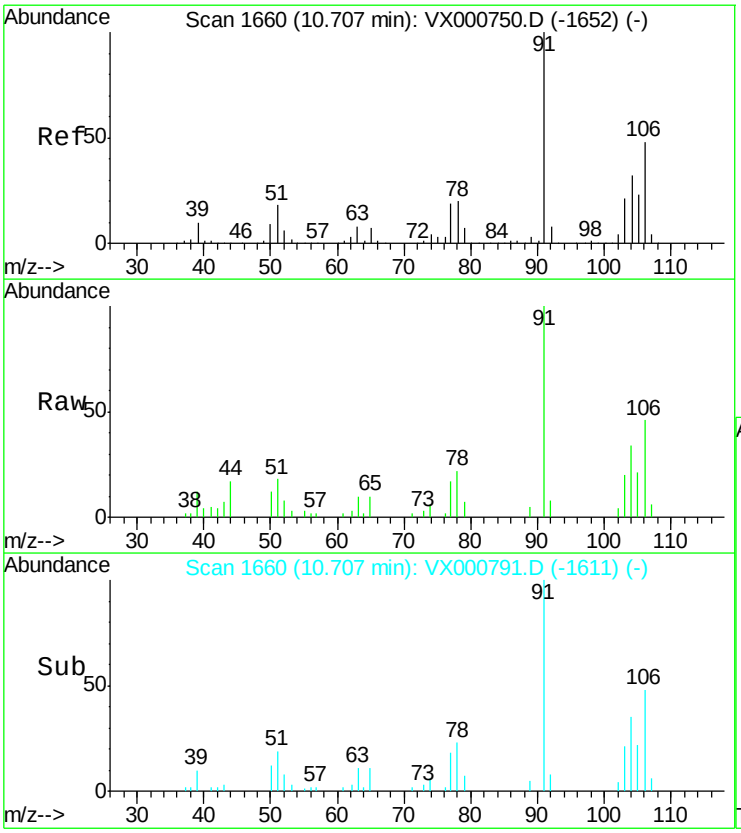
#68
m/p-Xylenes
Concen: 0.76 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:106 Resp: 5131

Ion	Ratio	Lower	Upper
106	100		
91	203.7	159.3	238.9

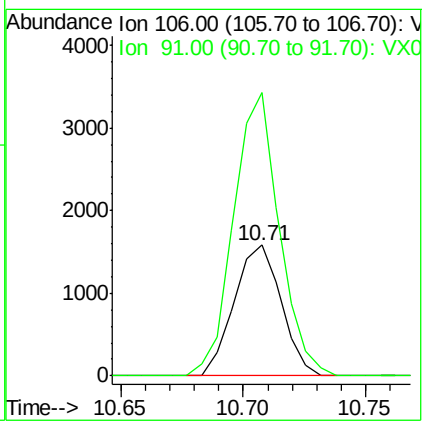


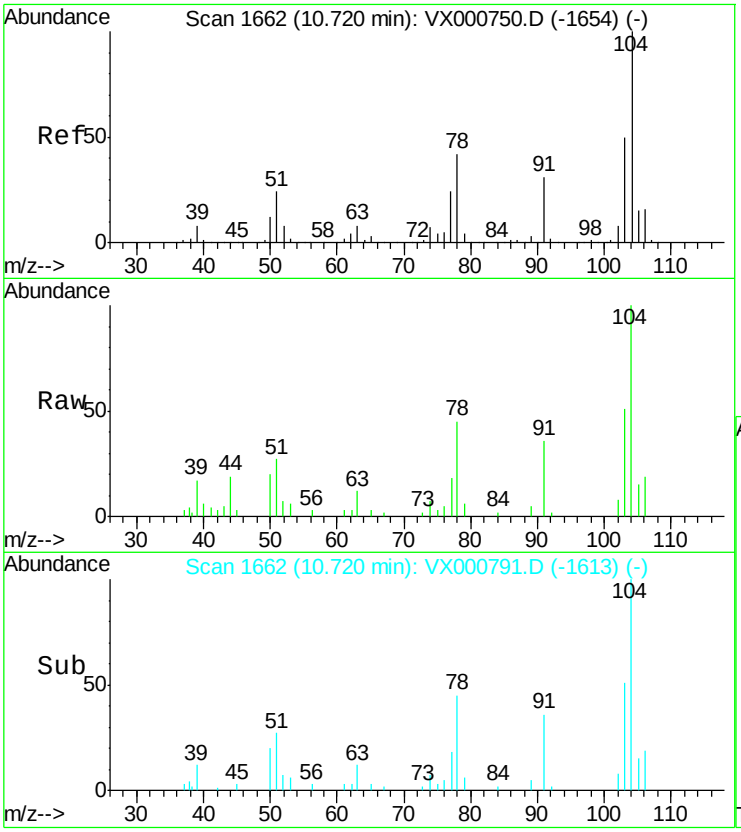


#69
o-Xylene
Concen: 0.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion:106 Resp: 2114

Ion	Ratio	Lower	Upper
106	100		
91	210.2	105.0	315.0



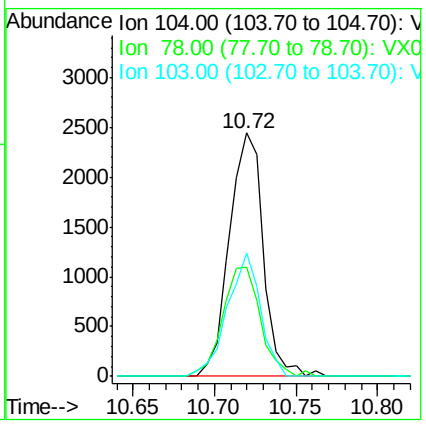


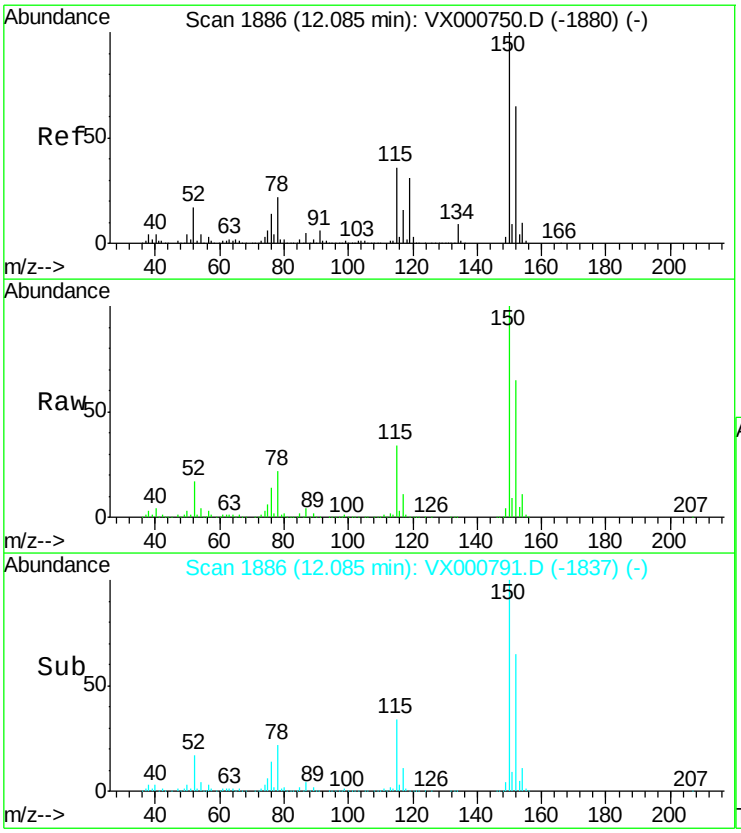
#70
Styrene
Concen: 0.32 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion:104 Resp: 3535

Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.0	58.6
103	49.5	44.1	66.1

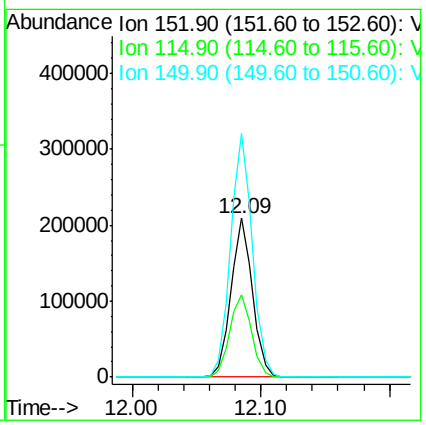


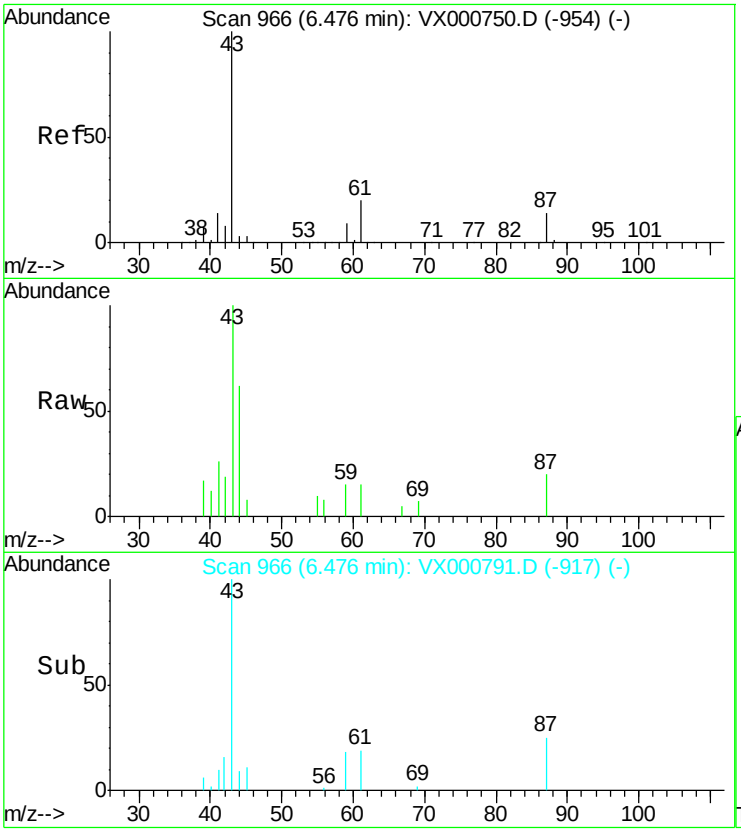


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion:152 Resp: 243384

Ion	Ratio	Lower	Upper
152	100		
115	53.5	37.9	113.7
150	155.3	0.0	348.0



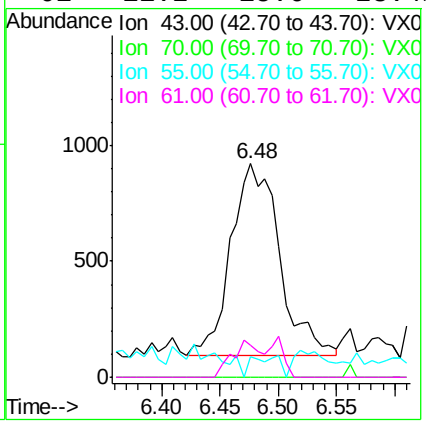


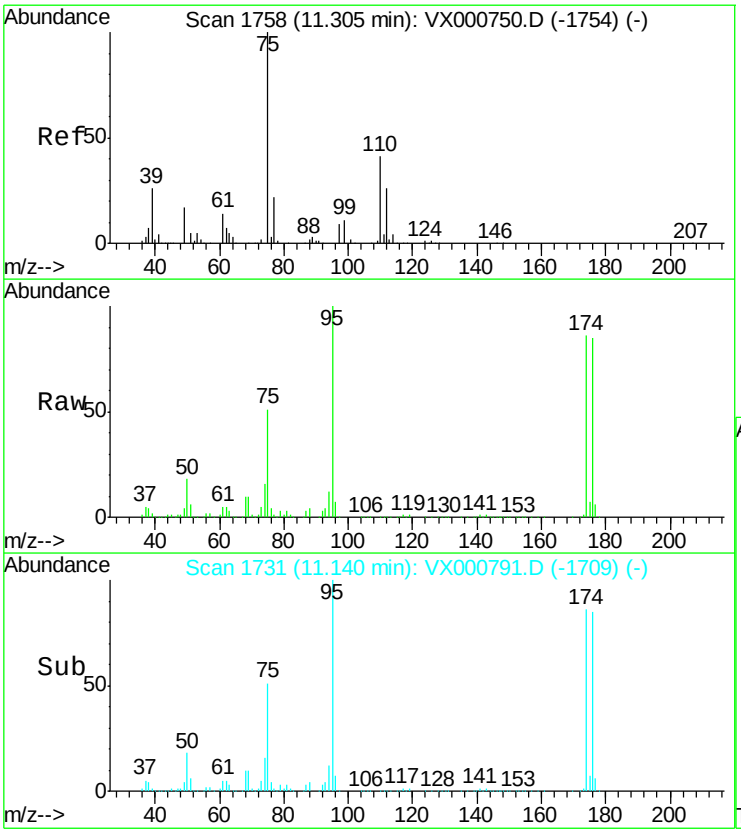
#74
N-amyl acetate
Concen: 0.35 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion: 43 Resp: 2434

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	11.2	15.6	23.4#

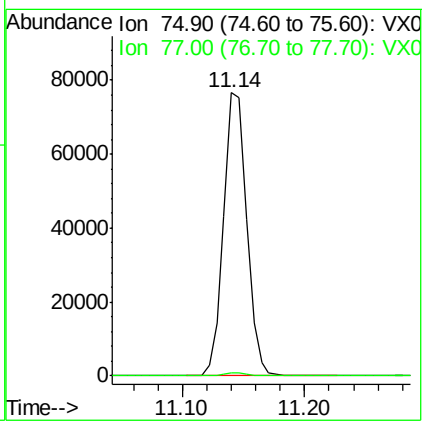


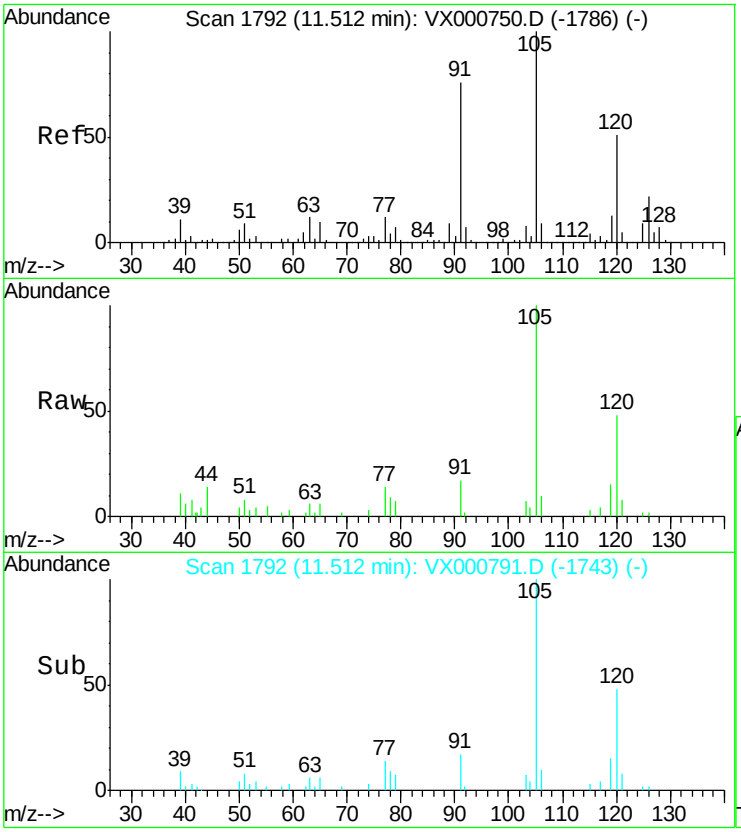


#76
1,2,3-Trichloropropane
Concen: 23.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 75 Resp: 100622

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.5#



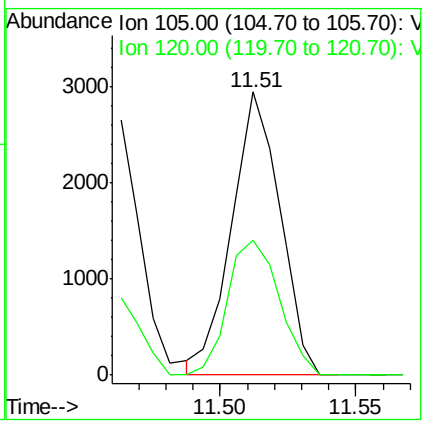


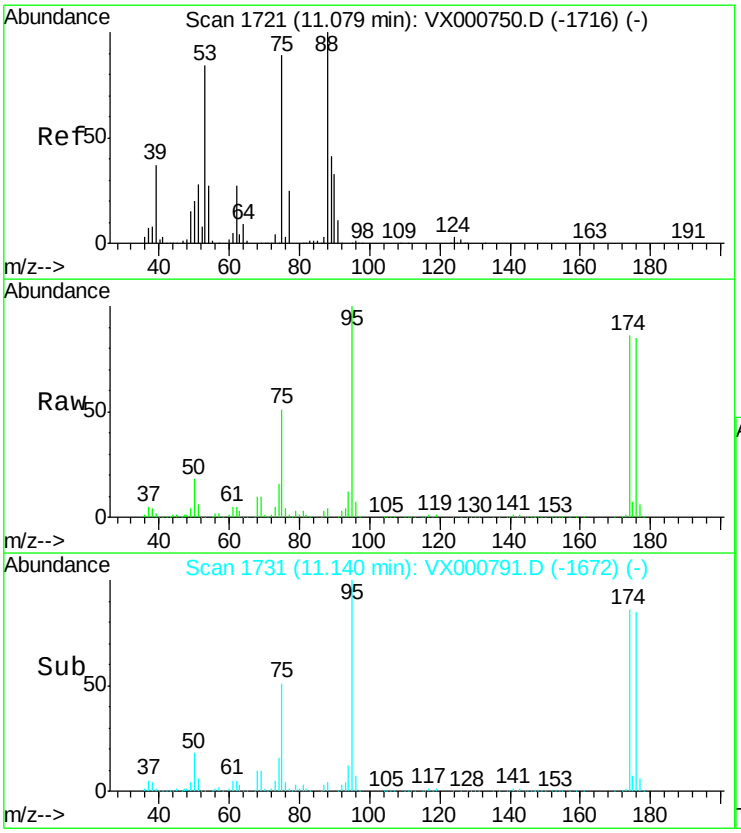
#80
1,3,5-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument : MSVOA_X
ClientSampleId : OR-02-041018-A

Tgt Ion:105 Resp: 3636

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.0	75.0

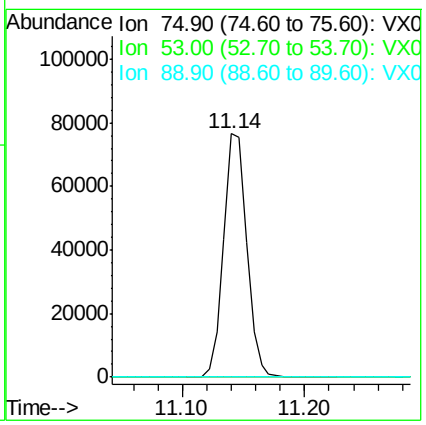


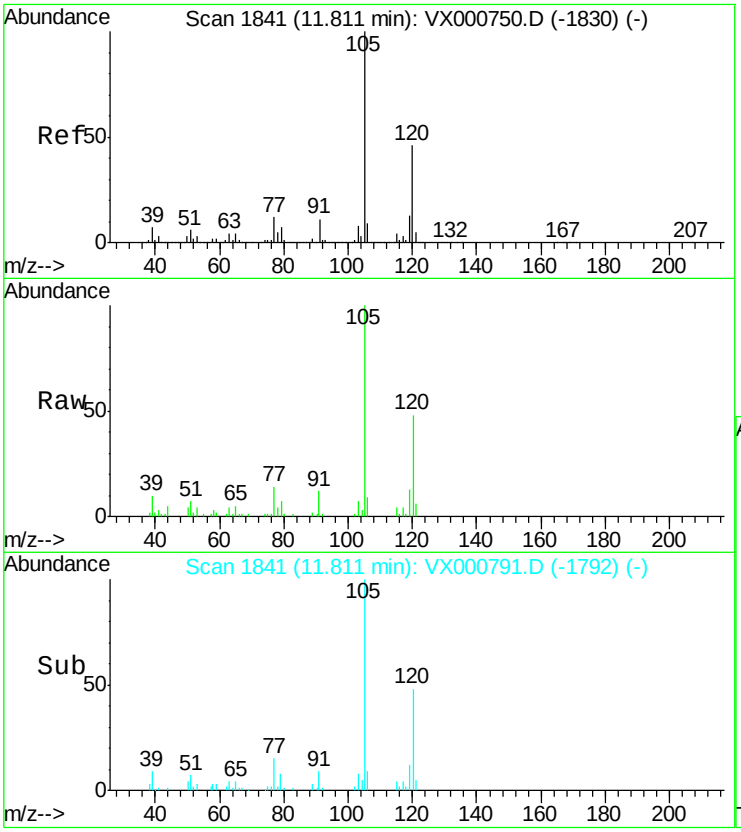


#81
trans-1,4-Dichloro-2-butene
Concen: 65.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion: 75 Resp: 100622

Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.4	113.0#
89	0.0	40.9	61.3#



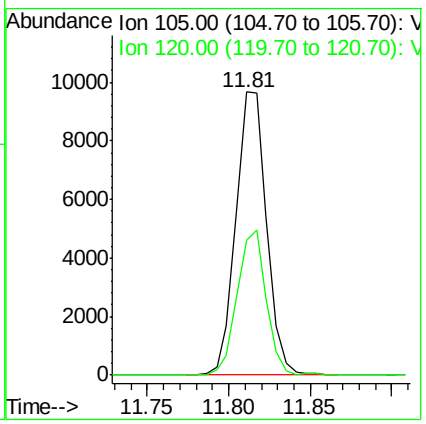


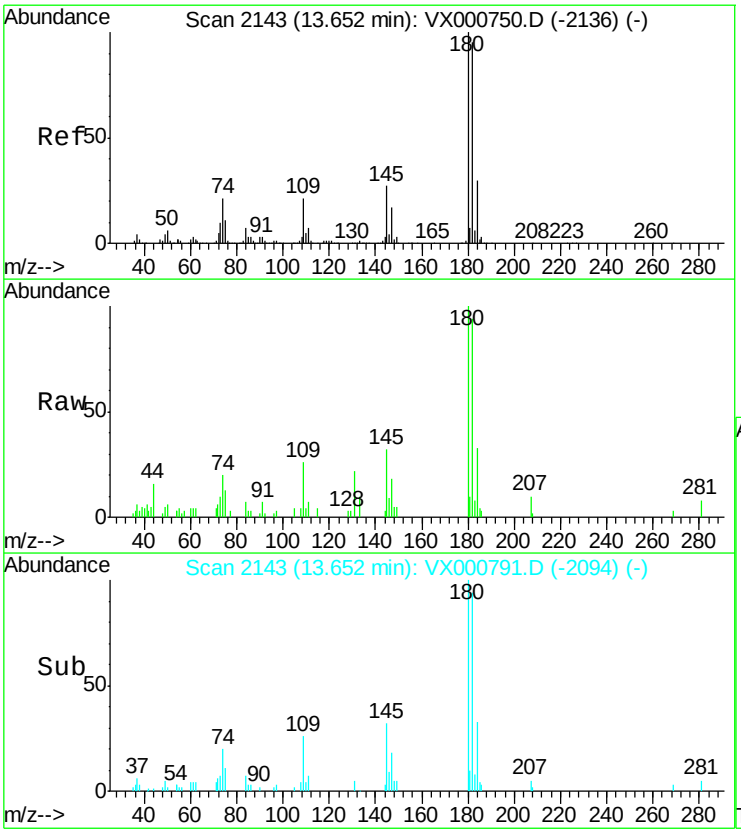
#84
1,2,4-Trimethylbenzene
Concen: 0.92 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:105 Resp: 12650

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.1	69.3

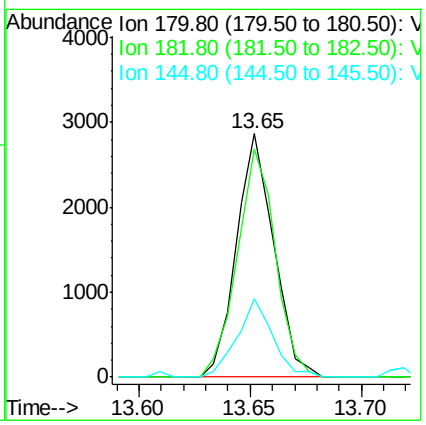


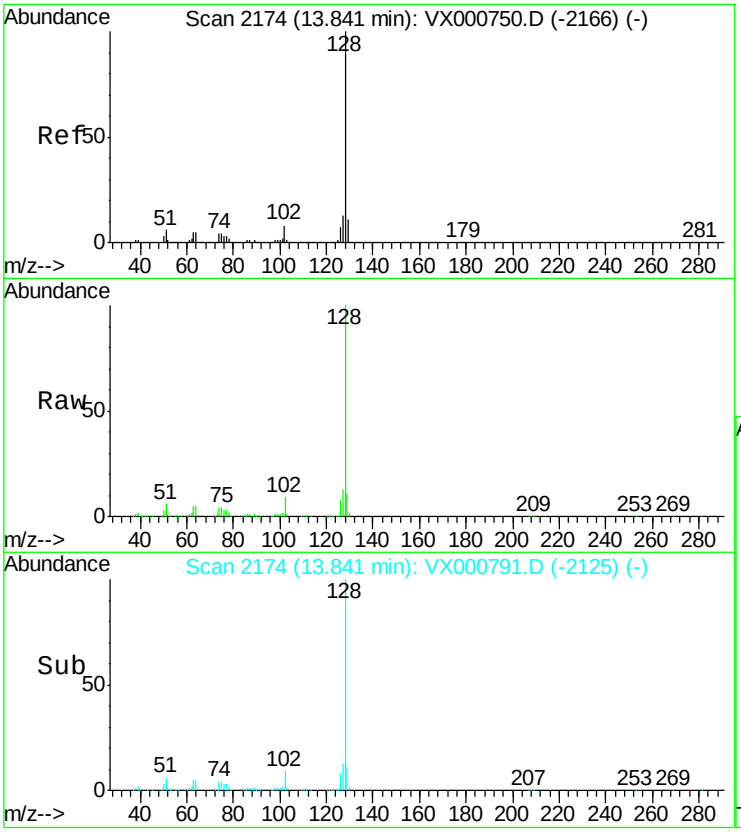


#93
1,2,4-Trichlorobenzene
Concen: 0.49 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Tgt Ion:180 Resp: 3355

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.5
145	30.8	13.8	41.4





#95
Naphthalene
Concen: 10.68 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000791.D
Acq: 11 Apr 2018 20:37

Instrument :
MSVOA_X
ClientSampleId :
OR-02-041018-A

Tgt Ion:128 Resp: 189084

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.3	8.7	13.1