Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000859.D
Acq On : 13 Apr 2018 19:25
Operator : JC/MD
Sample : J2364-08 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SP-B

Quant Time: Apr 14 05:16:06 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	5.67	168	247633	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	324081	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	293557	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	183321	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	143205	45.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.72%				
35) Dibromofluoromethane	5.51	113	115942	46.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.88%				
50) Toluene-d8	8.73	98	450090	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
62) 4-Bromofluorobenzene	11.15	95	166881	43.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.78%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	426	Below Cal		#	62
6) Chloroethane	1.72	64	1185	0.73	ug/l	#	43
10) Methyl Iodide	2.53	142	25	8.24	ug/l	#	1
13) Acrolein	2.29	56	61	0.23	ug/l	#	10
16) Acetone	2.45	43	3483	3.23	ug/l		98
18) Methyl Acetate	2.79	43	5425	1.95	ug/l		99
20) Methylene Chloride	2.86	84	7732	3.09	ug/l		97
25) 2-Butanone	4.73	43	906	0.51	ug/l	#	50
29) Tetrahydrofuran	5.18	42	318	0.28	ug/l		94
36) 1,1-Dichloropropene	5.67	75	14909	4.18	ug/l	#	48
38) Carbon Tetrachloride	5.67	117	21023	5.26	ug/l	#	14
67) Ethyl Benzene	10.26	91	5546	0.45	ug/l		91
68) m/p-Xylenes	10.37	106	7123	1.47	ug/l		98
69) o-Xylene	10.70	106	2057	0.44	ug/l		90
74) N-amyl acetate	6.49	43	1185	0.23	ug/l	#	73
76) 1,2,3-Trichloropropane	11.15	75	82442	26.08	ug/l	#	36
78) n-propylbenzene	11.37	91	5100	0.38	ug/l		98
79) 2-Chlorotoluene	11.44	91	2663	0.34	ug/l	#	42
80) 1,3,5-Trimethylbenzene	11.51	105	7630	0.76	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.15	75	82442	71.73	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	25927	2.51	ug/l		100
89) n-Butylbenzene	12.39	91	2576	0.26	ug/l	#	35
90) Hexachloroethane	12.59	117	480	0.25	ug/l	#	1
95) Naphthalene	13.84	128	12977	0.97	ug/l		99

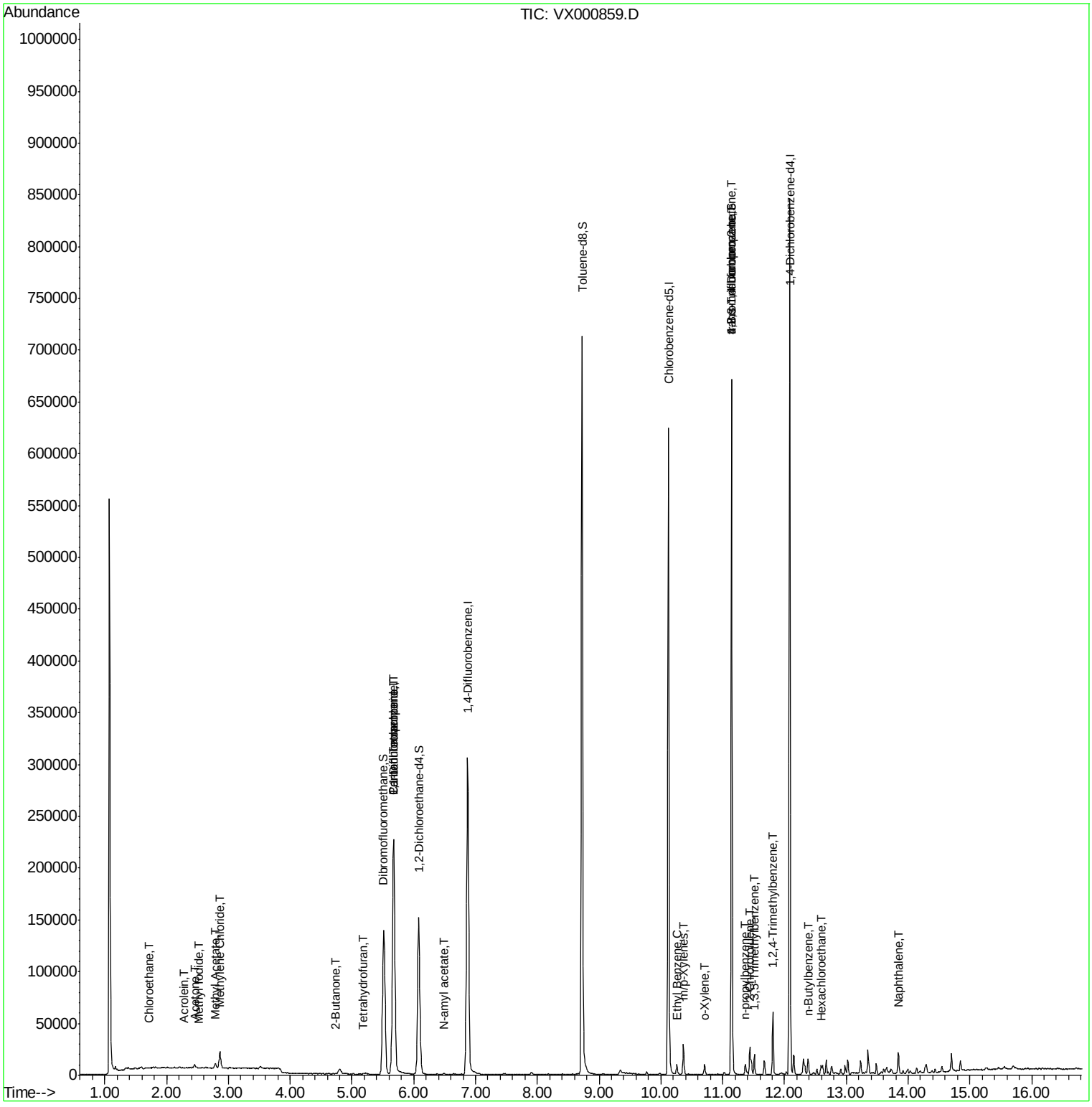
(#) = qualifier out of range (m) = manual integration (+) = signals summed

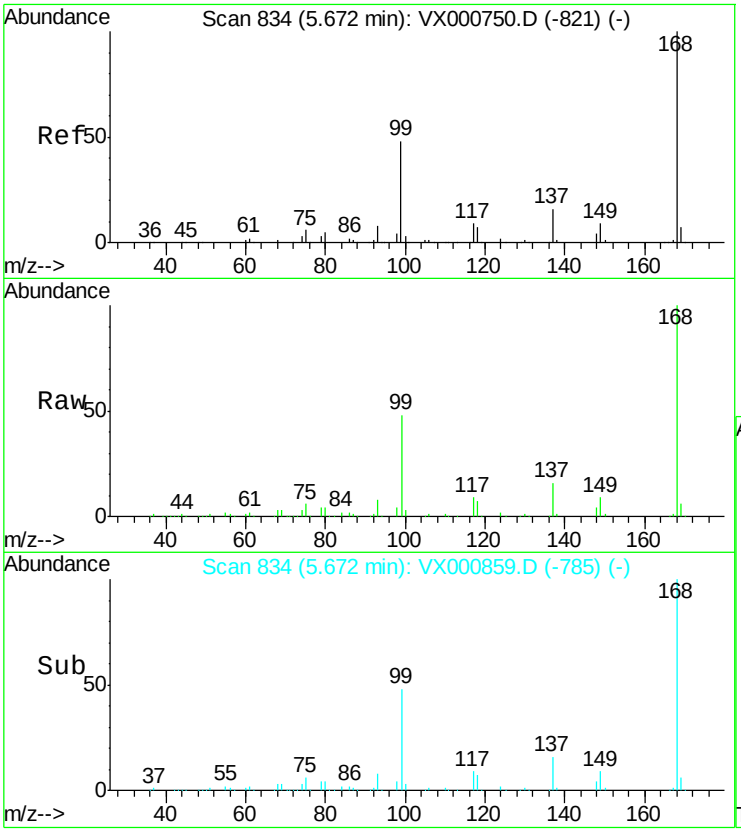
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000859.D
Acq On : 13 Apr 2018 19:25
Operator : JC/MD
Sample : J2364-08 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Quant Time: Apr 14 05:16:06 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



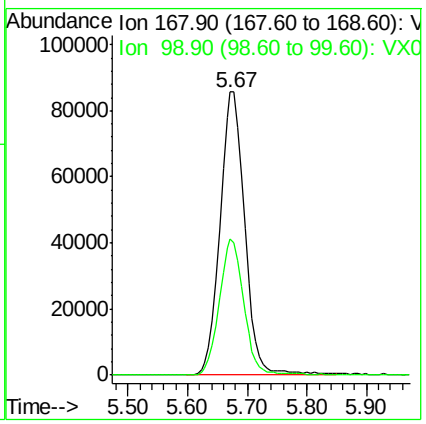


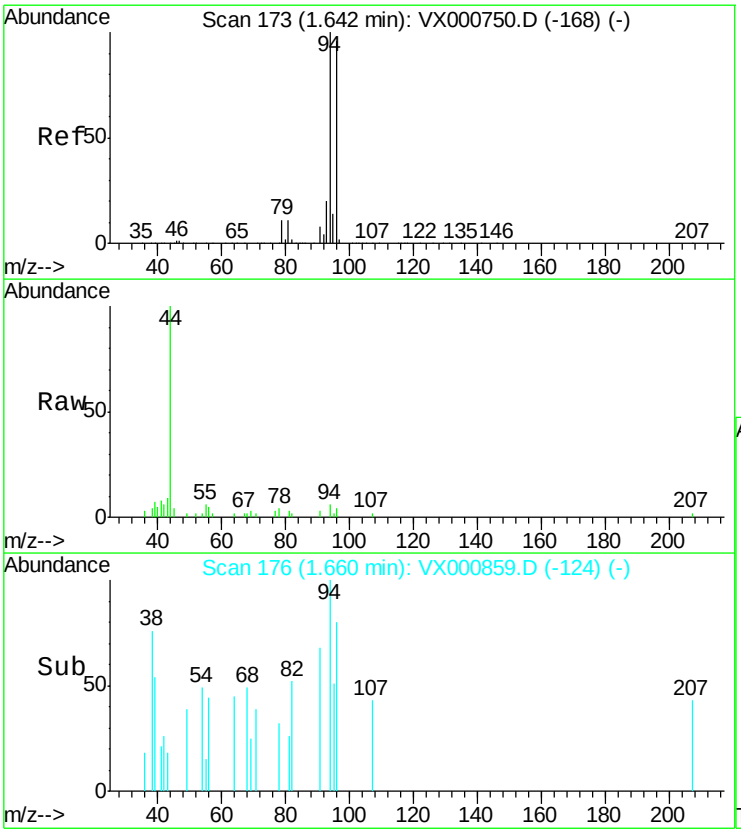
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:168 Resp: 247633

Ion	Ratio	Lower	Upper
168	100		
99	48.1	38.3	57.5

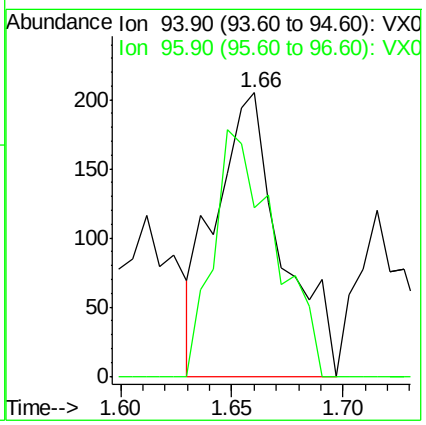


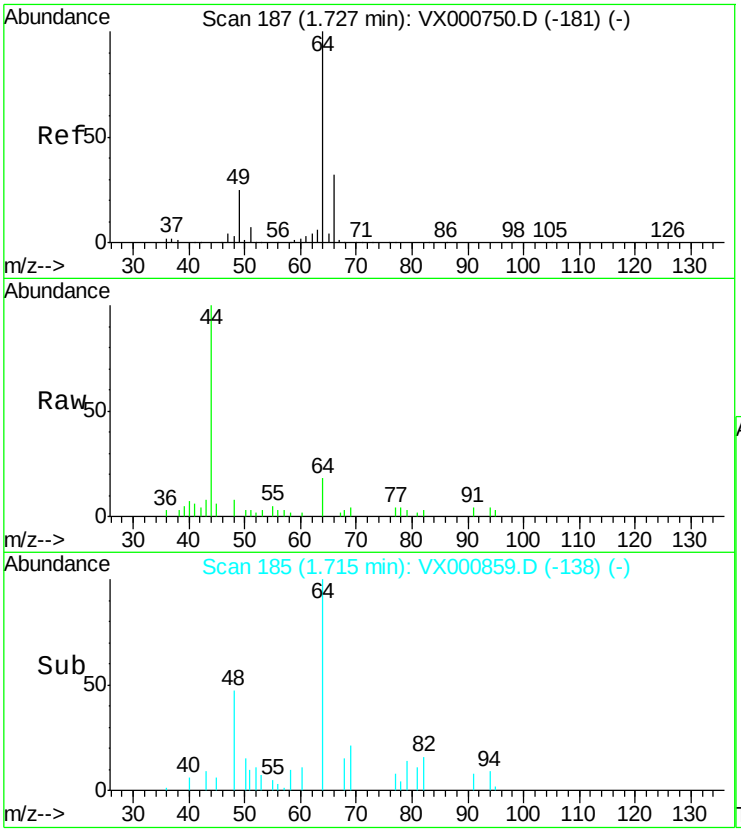


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 94 Resp: 426

Ion	Ratio	Lower	Upper
94	100		
96	59.5	77.0	115.6#



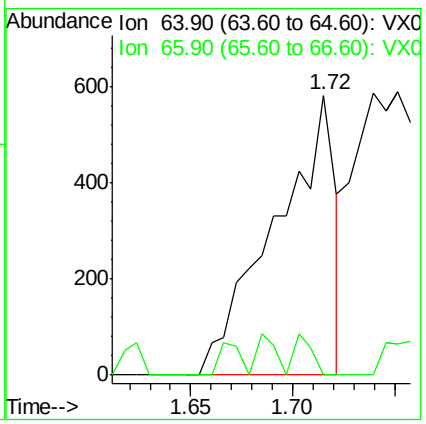


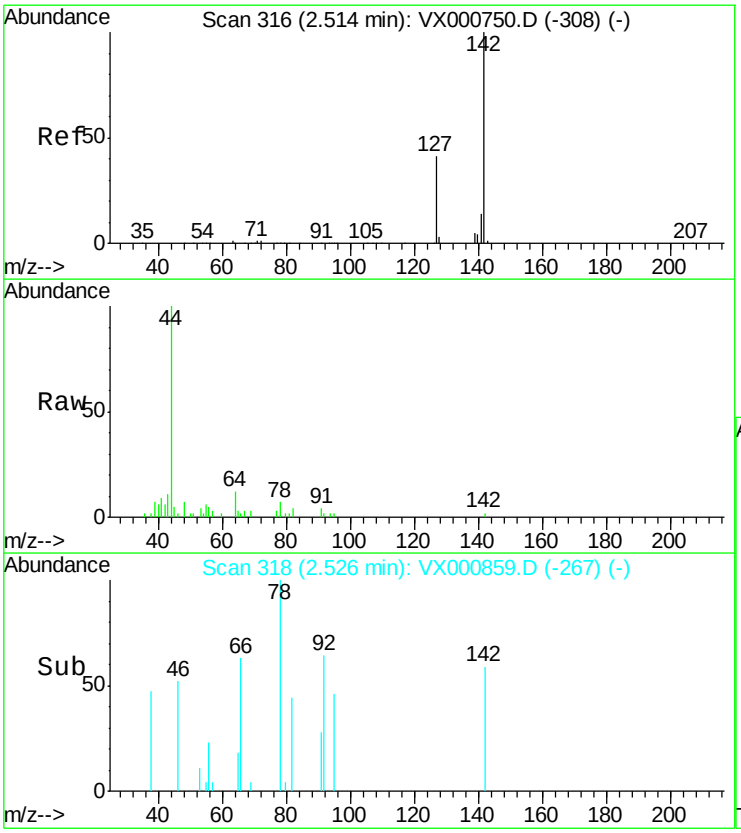
#6
Chloroethane
Concen: 0.73 ug/l
RT: 1.72 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 64 Resp: 1185

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

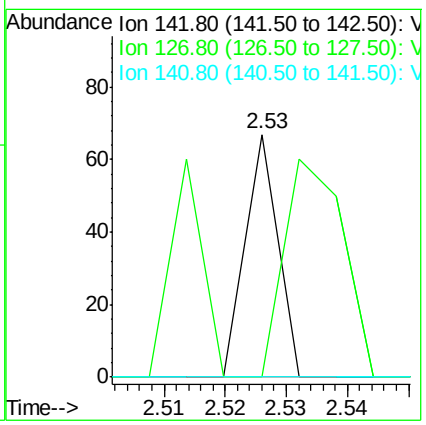


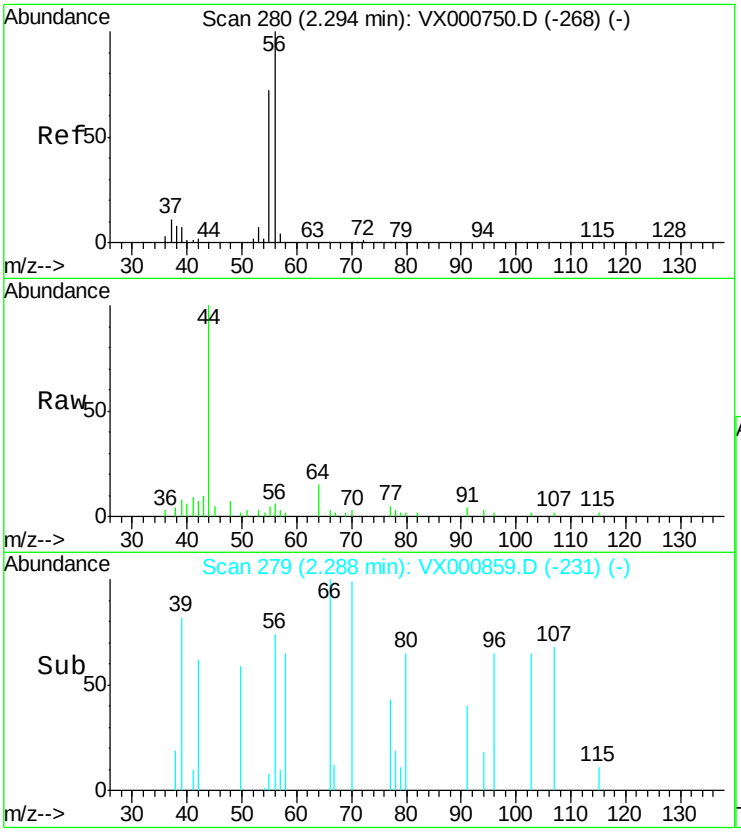


#10
Methyl Iodide
Concen: 8.24 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:142 Resp: 25

Ion	Ratio	Lower	Upper
142	100		
127	160.0	32.6	49.0#
141	0.0	11.5	17.3#



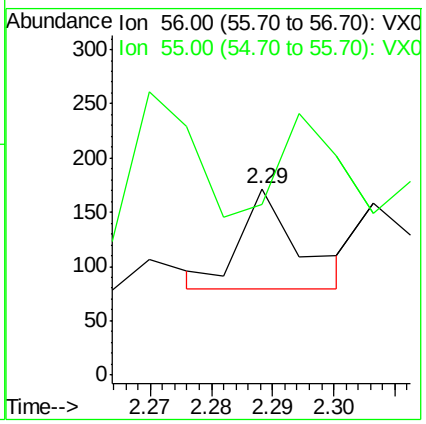


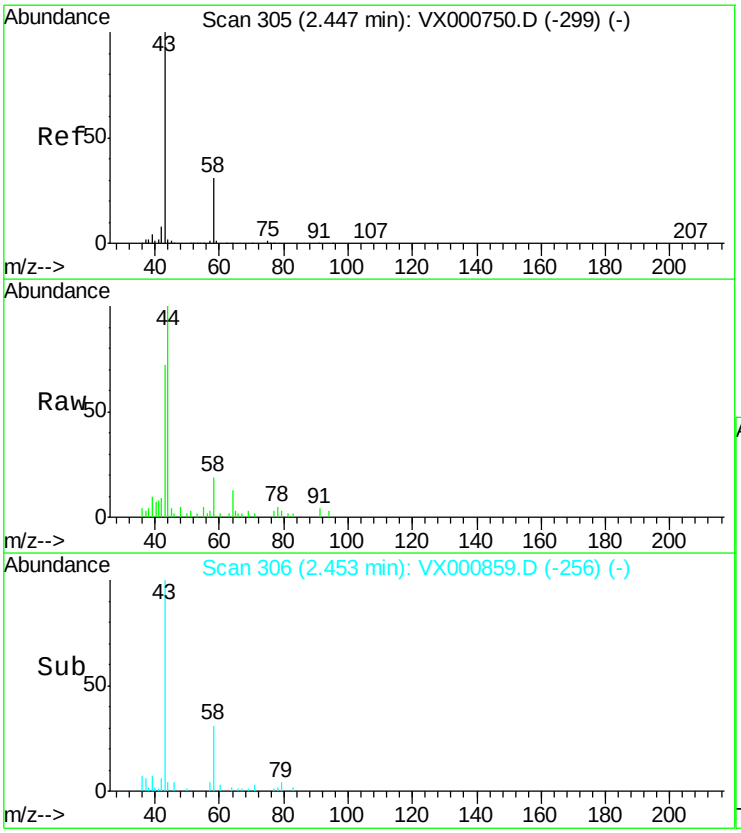
#13
Acrolein
Concen: 0.23 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	149.2	58.7	88.1#

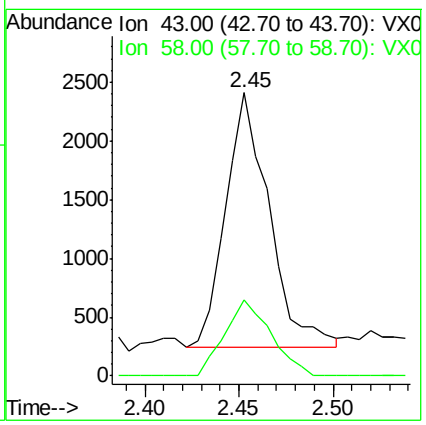


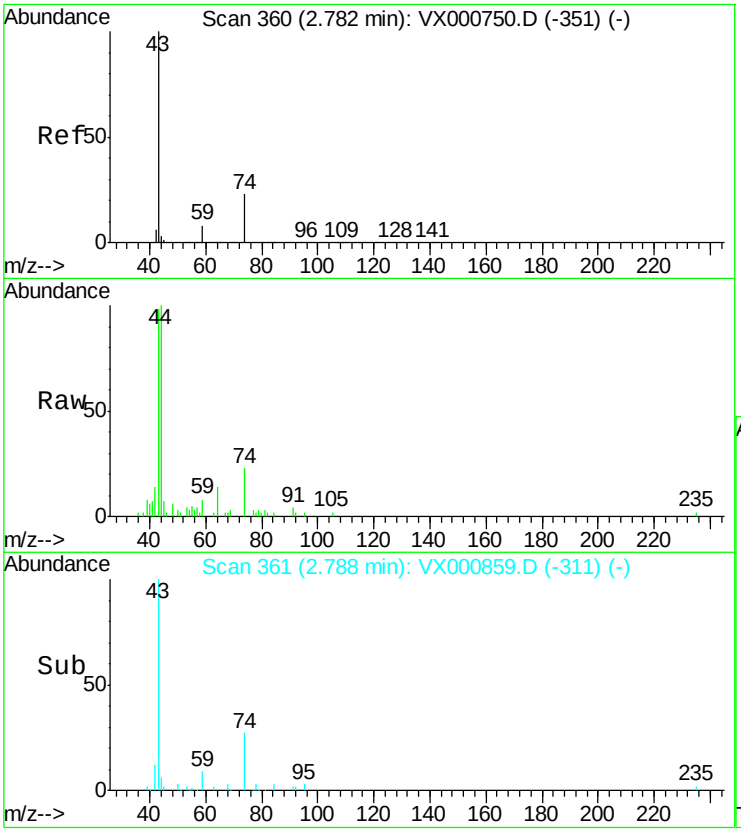


#16
Acetone
Concen: 3.23 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 43 Resp: 3483

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.6	37.0



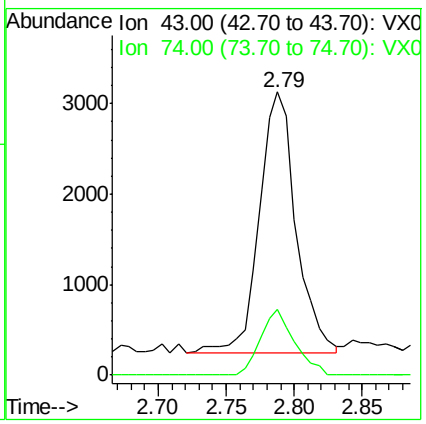


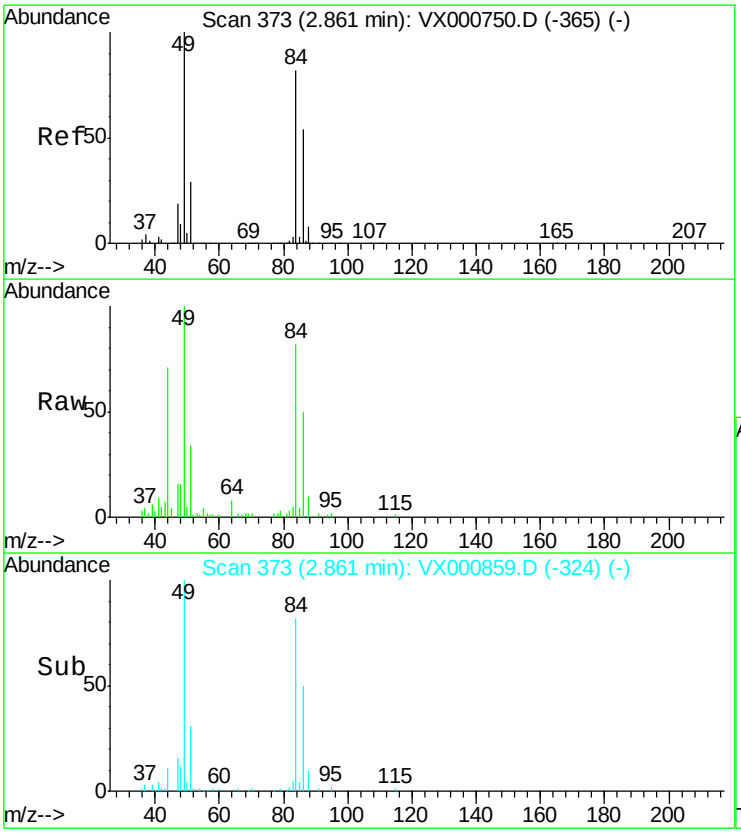
#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument : MSVOA_X
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 5425

Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.1	28.7

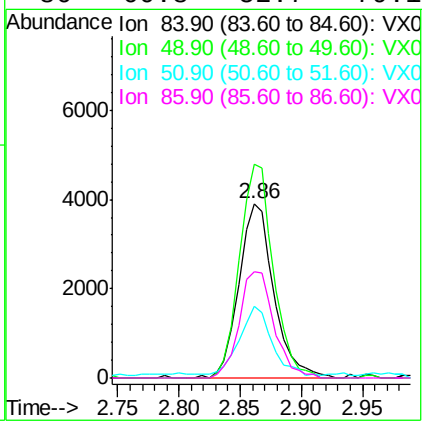


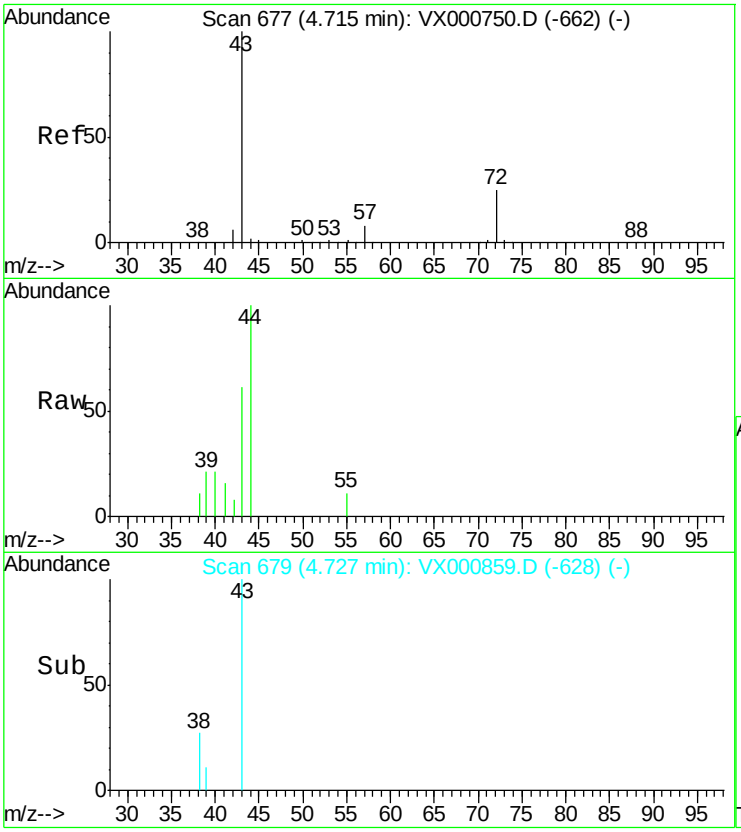


#20
Methylene Chloride
Concen: 3.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 84 Resp: 7732

Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.1	147.1
51	39.4	28.9	43.3
86	60.8	52.7	79.1



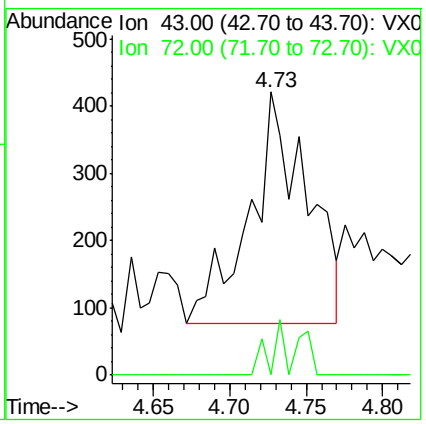


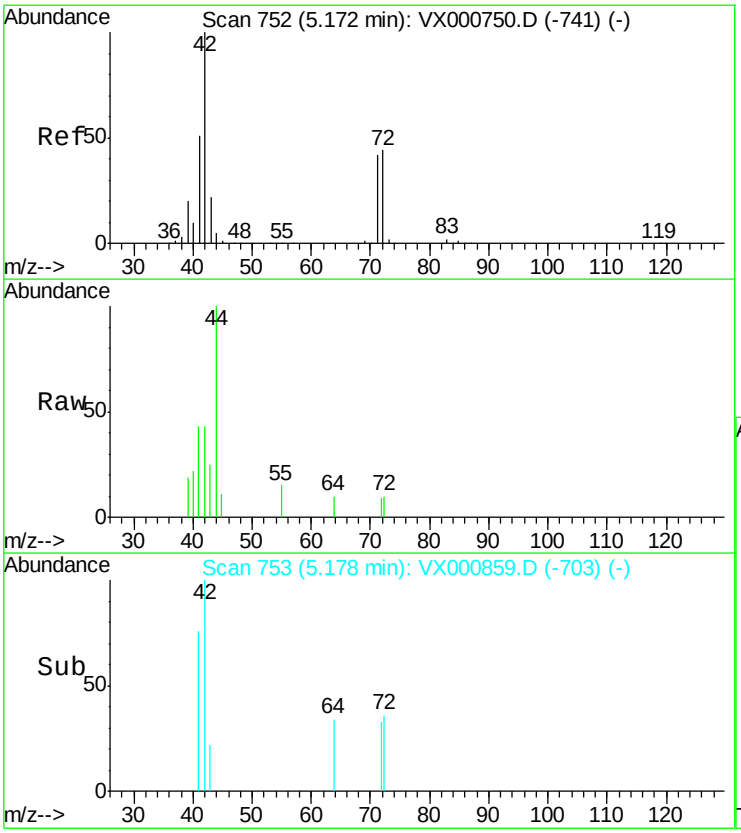
#25
2-Butanone
Concen: 0.51 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument : MSVOA_X
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 906

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#

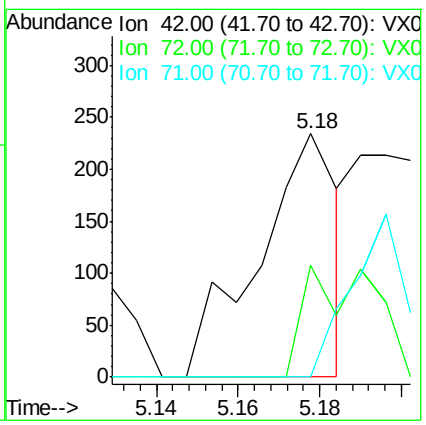


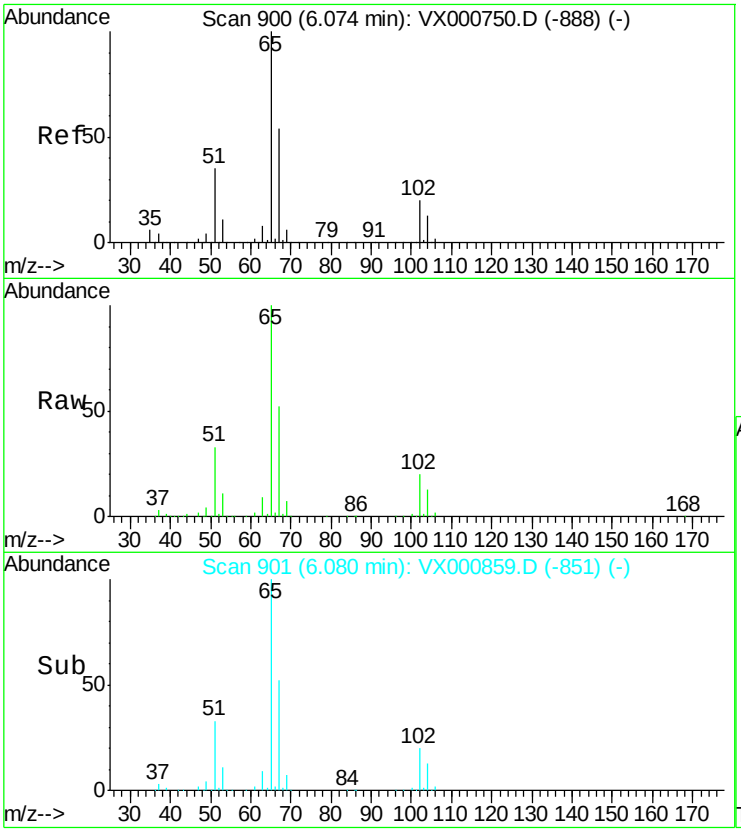


#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 42 Resp: 318

Ion	Ratio	Lower	Upper
42	100		
72	39.3	35.1	52.7
71	44.0	32.8	49.2



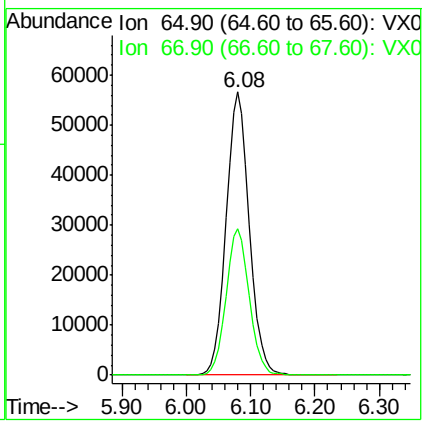


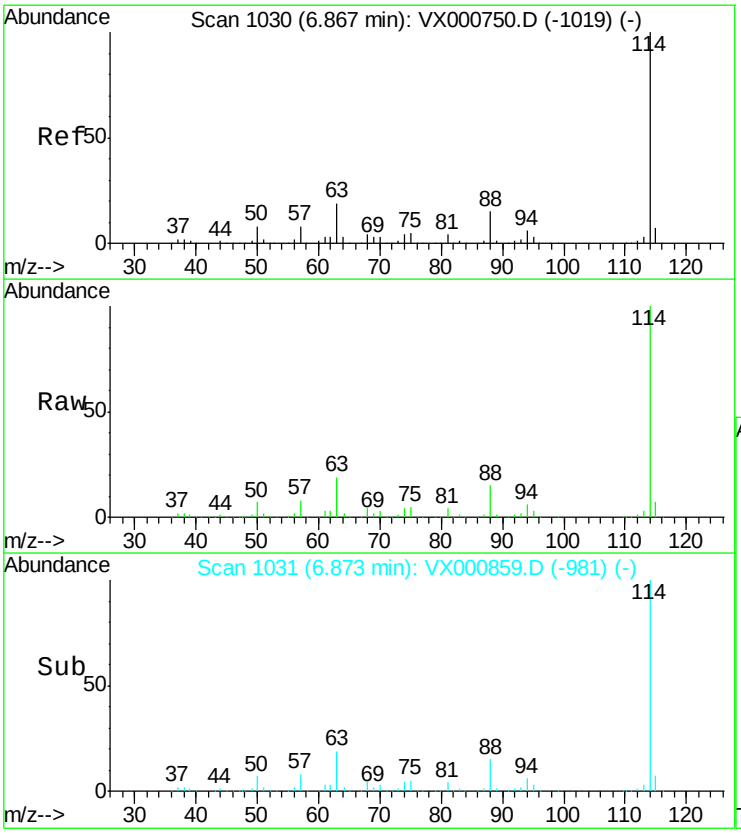
#33
1,2-Dichloroethane-d4
Concen: 45.86 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 65 Resp: 143205

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

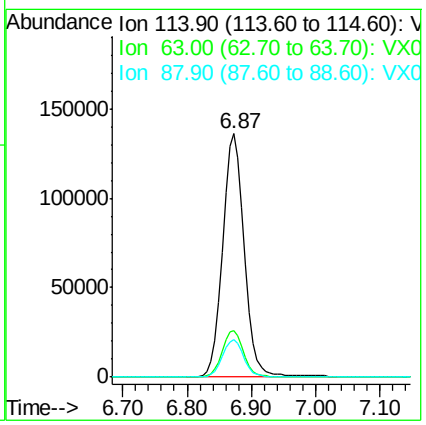


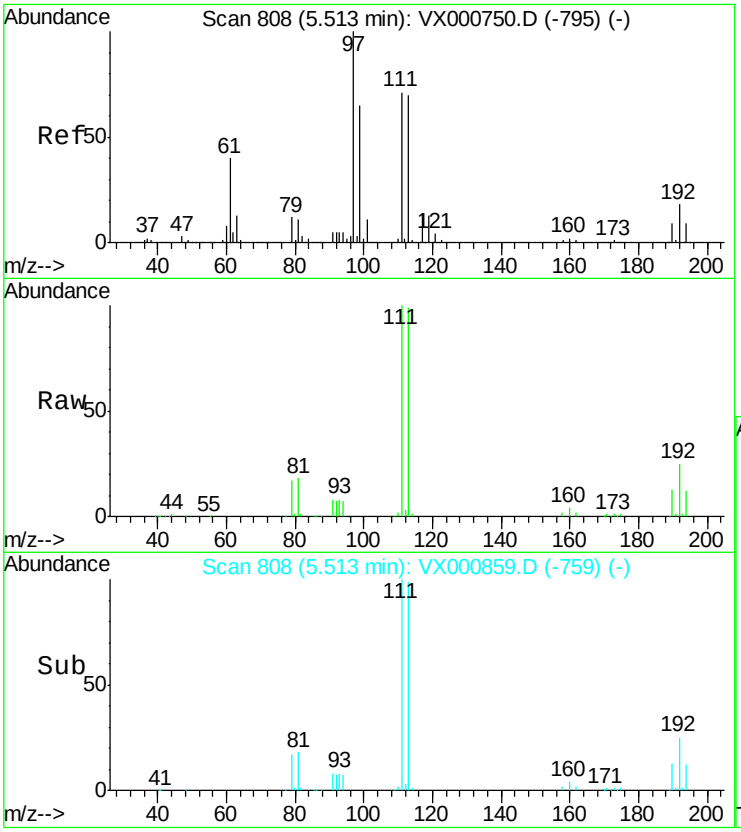


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:114 Resp: 324081

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.3	0.0	31.0



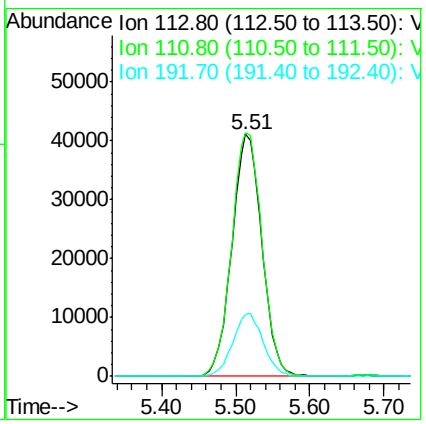


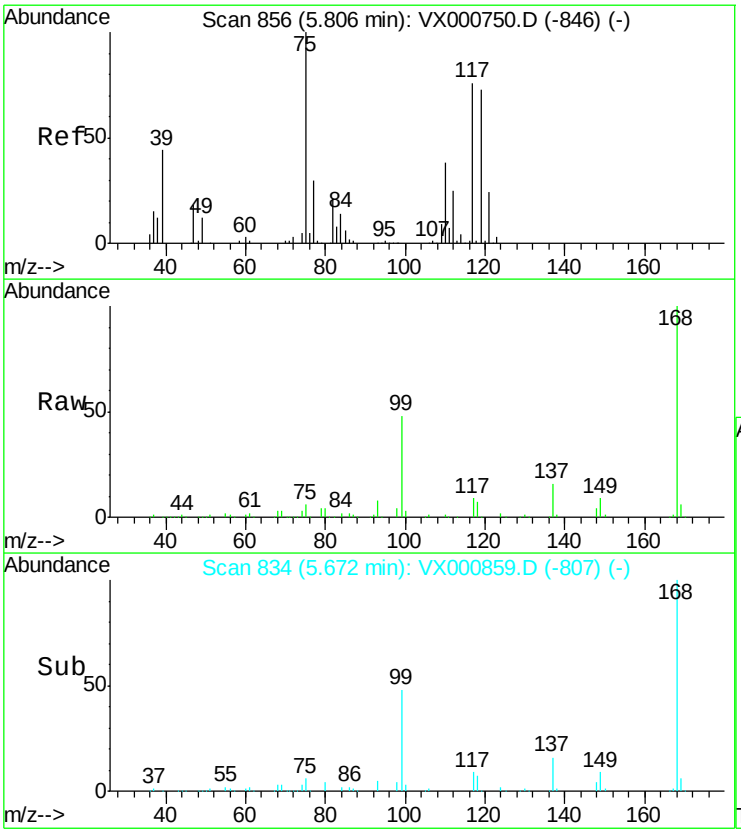
#35
Dibromofluoromethane
Concen: 46.44 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:113 Resp: 115942

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	26.0	20.4	30.6

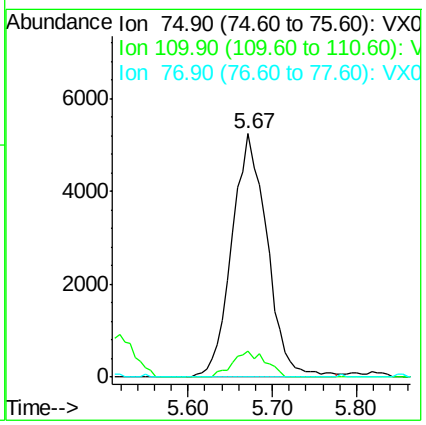


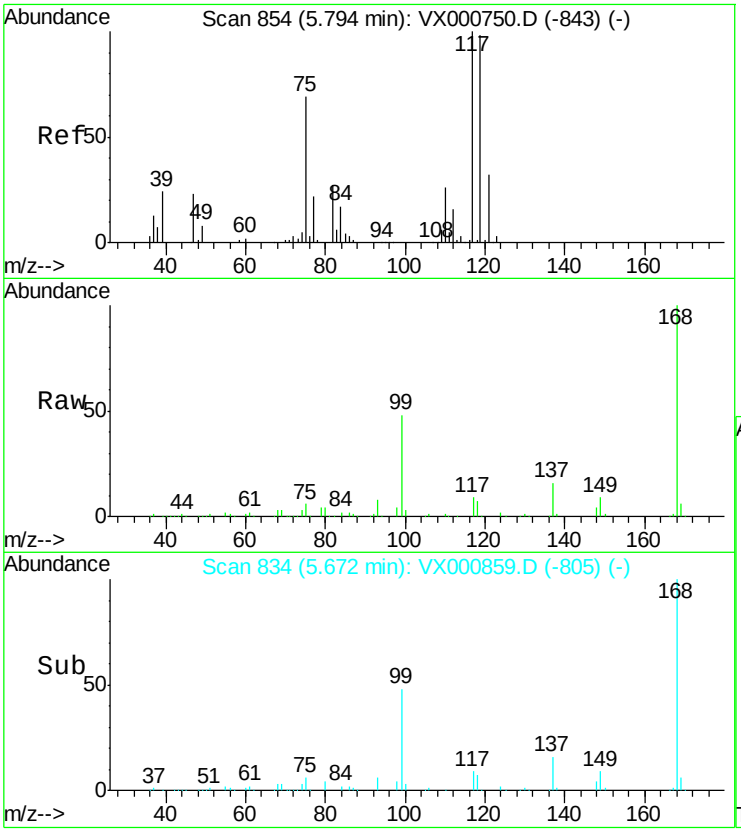


#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 75 Resp: 14909

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.2	57.6#
77	0.0	25.4	38.2#



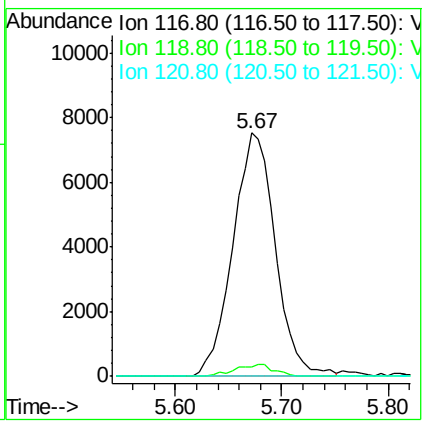


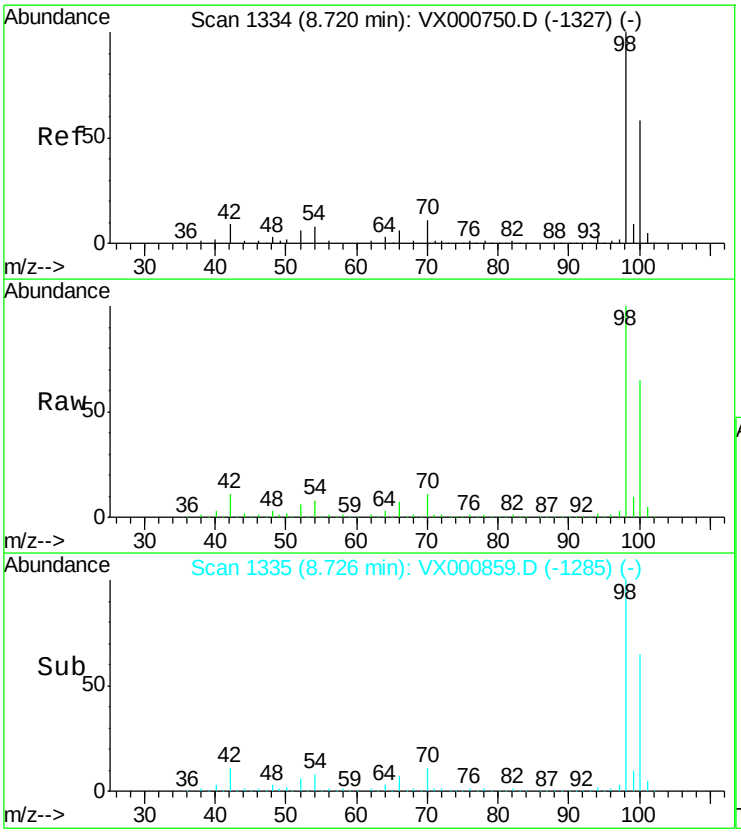
#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:117 Resp: 21023

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.4	117.6#
121	0.0	25.4	38.0#

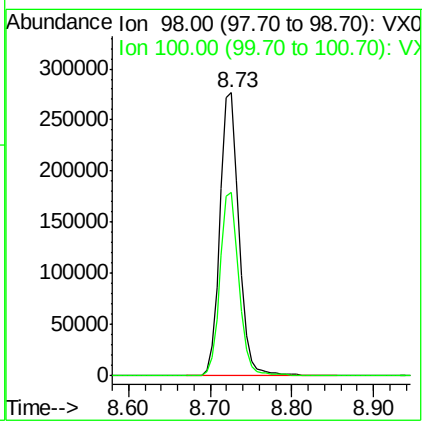


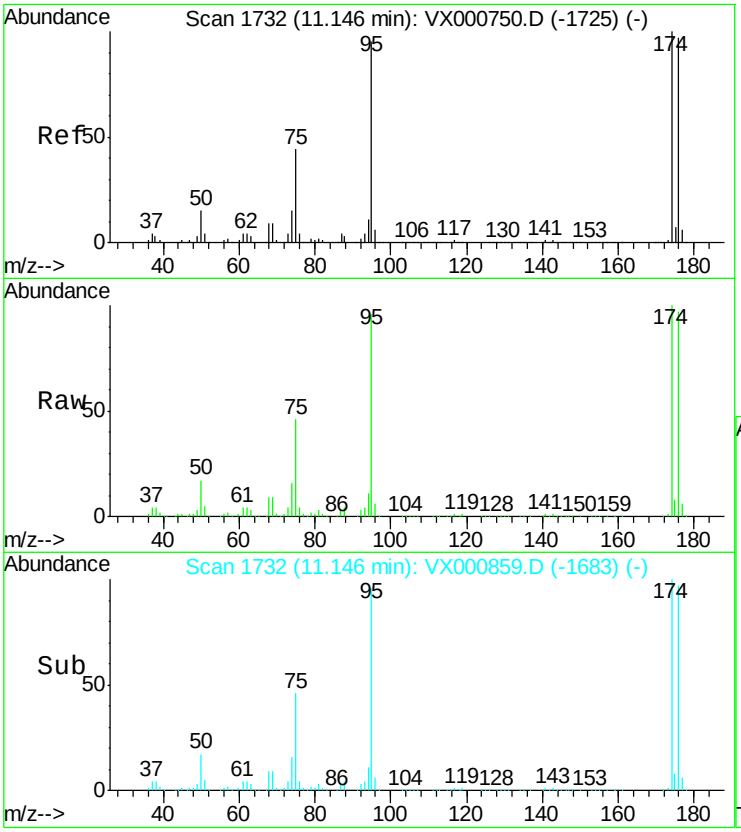


#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 98 Resp: 450090

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	79.0



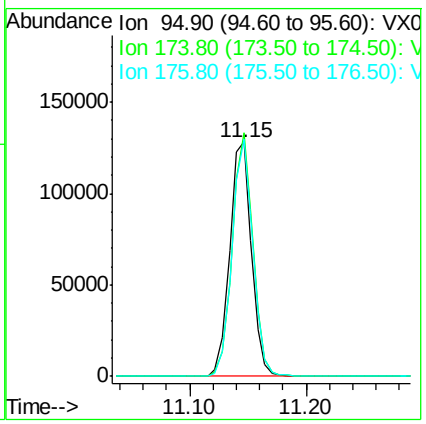


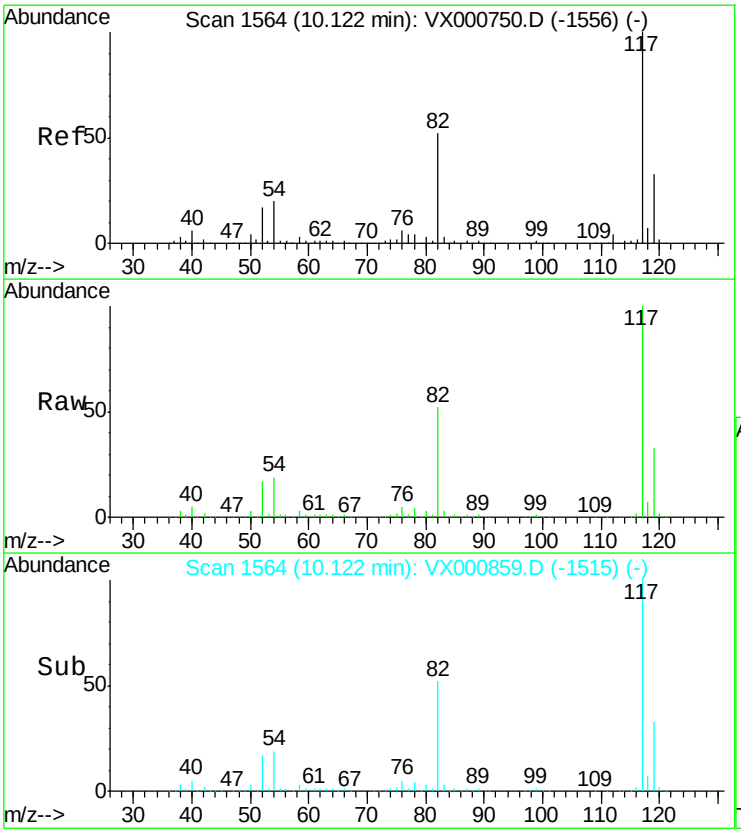
#62
4-Bromofluorobenzene
Concen: 43.39 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 95 Resp: 166881

Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	198.4
176	96.9	0.0	194.4

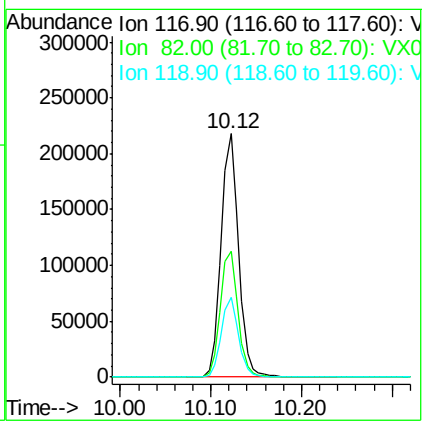


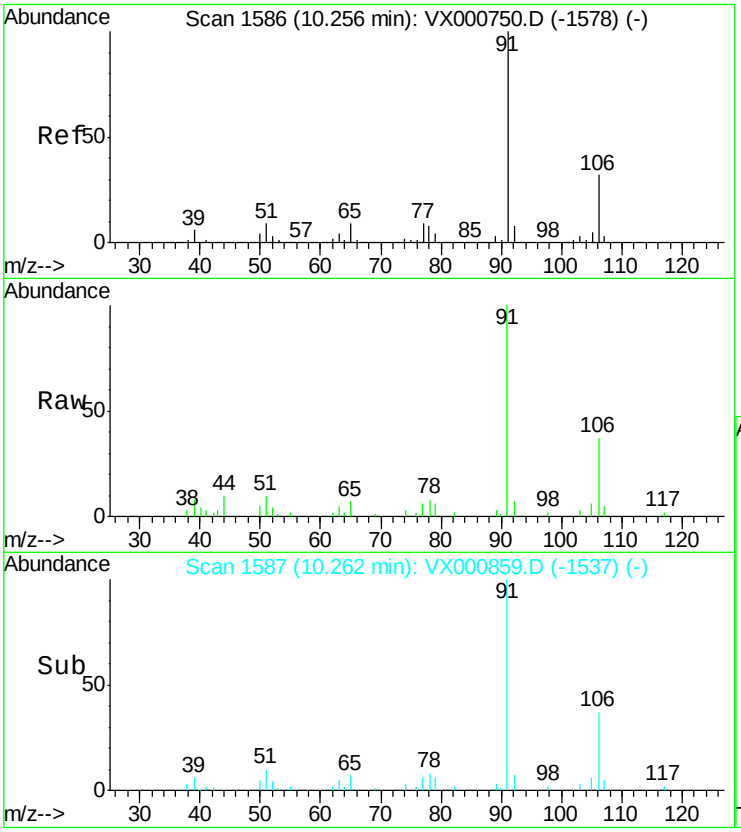


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:117 Resp: 293557

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.9	62.9
119	32.8	26.0	39.0



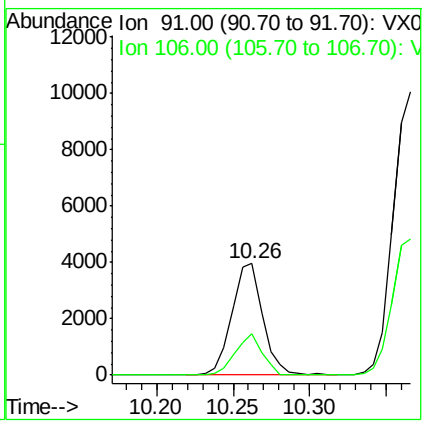


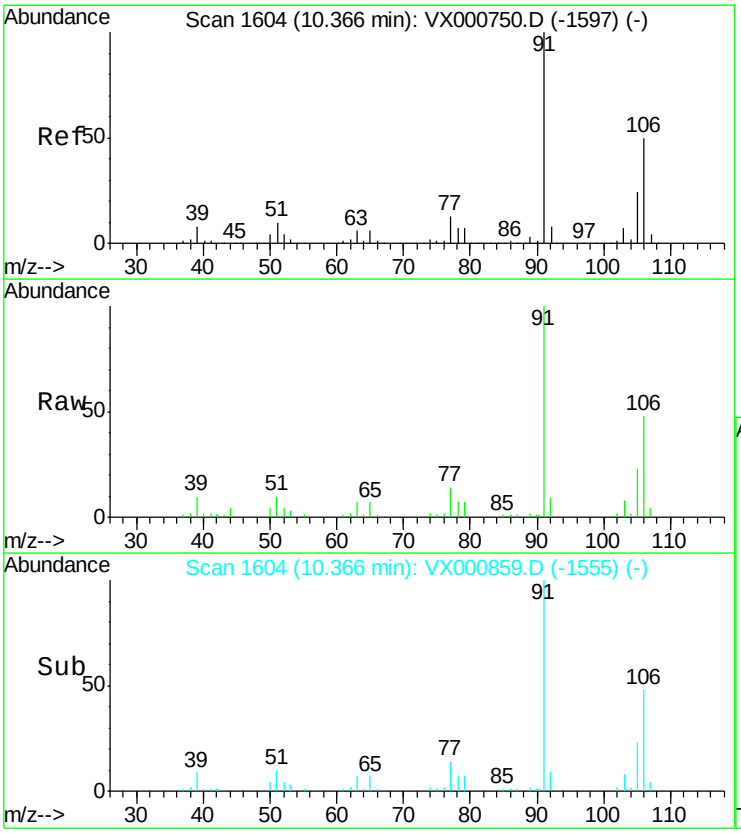
#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 91 Resp: 5546

Ion	Ratio	Lower	Upper
91	100		
106	36.8	25.4	38.0

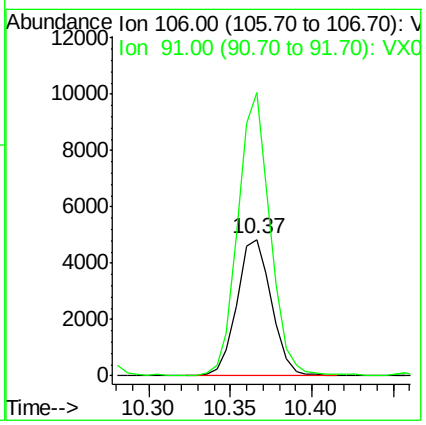


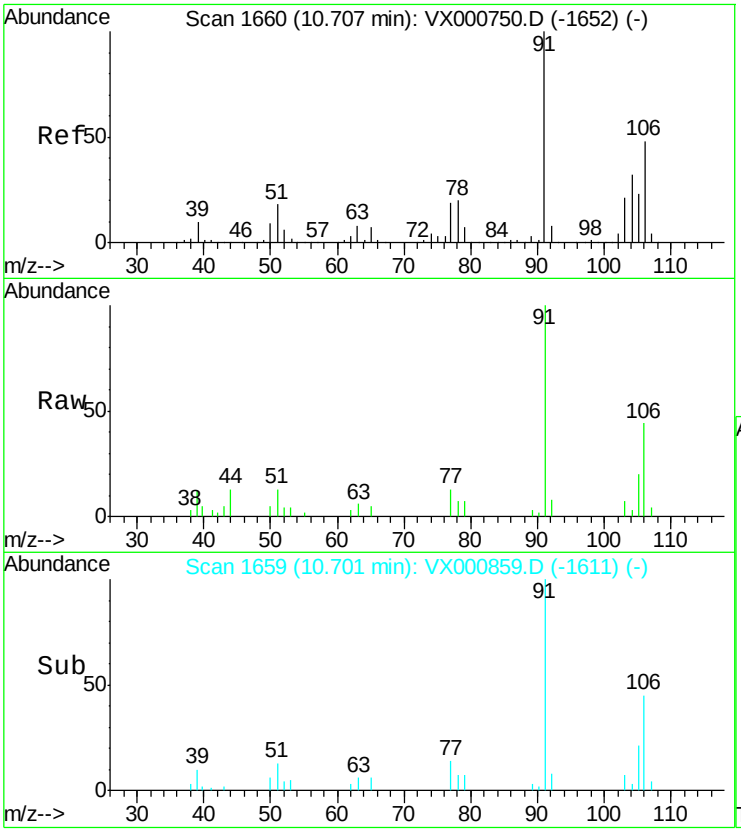


#68
m/p-Xylenes
Concen: 1.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:106 Resp: 7123

Ion	Ratio	Lower	Upper
106	100		
91	195.4	159.3	238.9



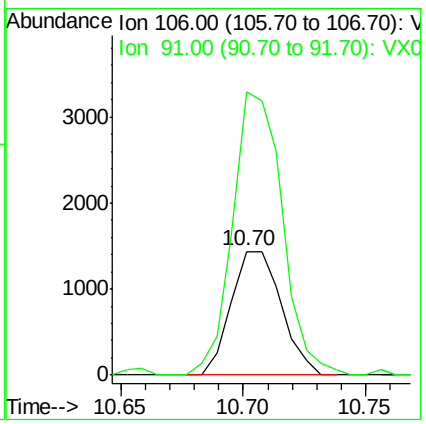


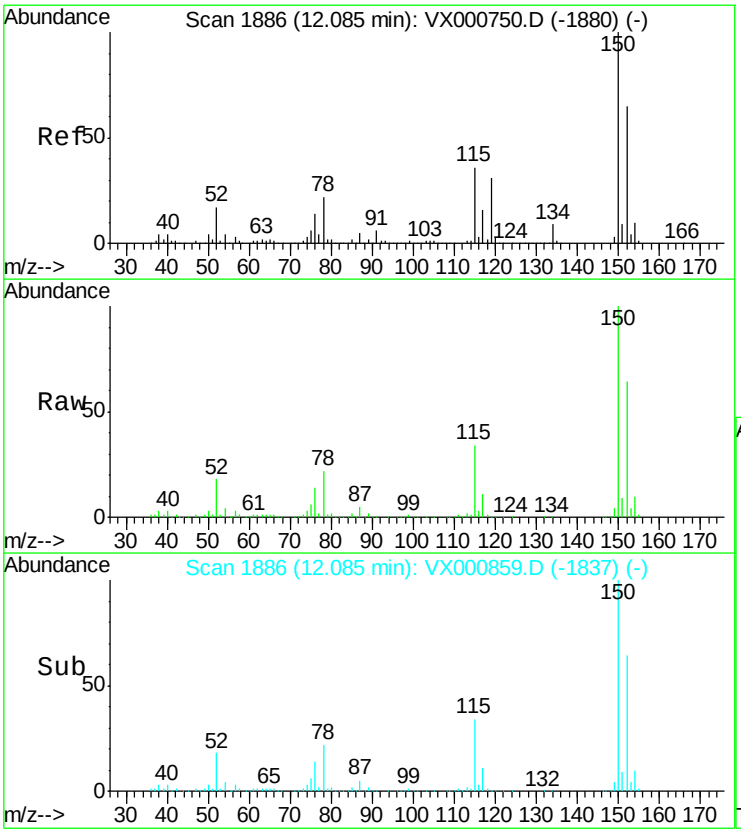
#69
o-Xylene
Concen: 0.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:106 Resp: 2057

Ion	Ratio	Lower	Upper
106	100		
91	226.1	105.0	315.0

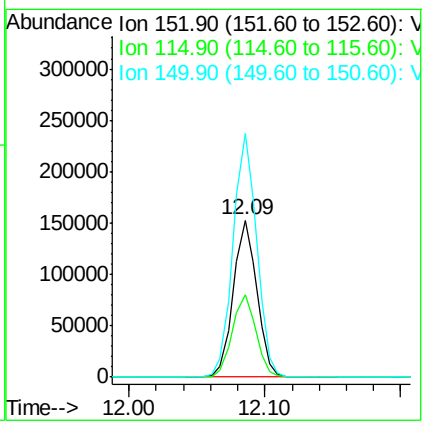


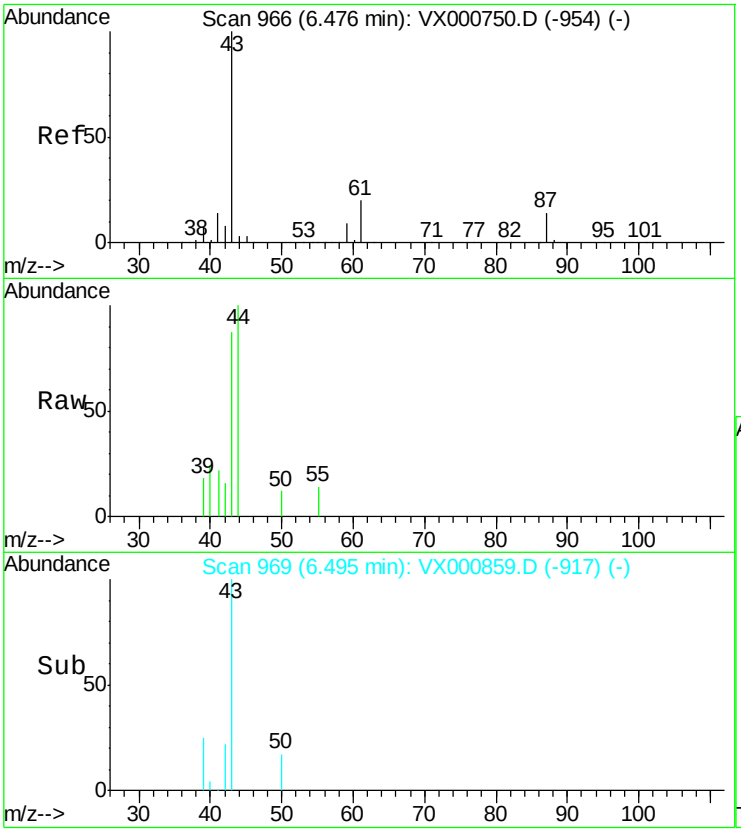


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:152 Resp: 183321

Ion	Ratio	Lower	Upper
152	100		
115	53.0	37.9	113.7
150	155.8	0.0	348.0



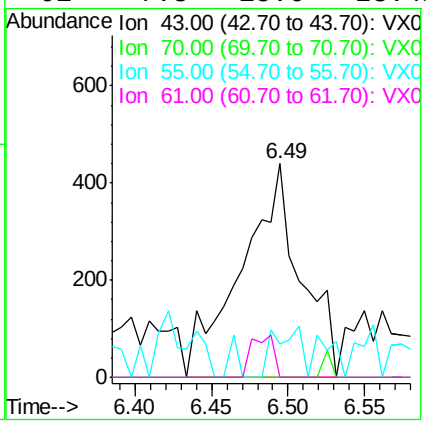


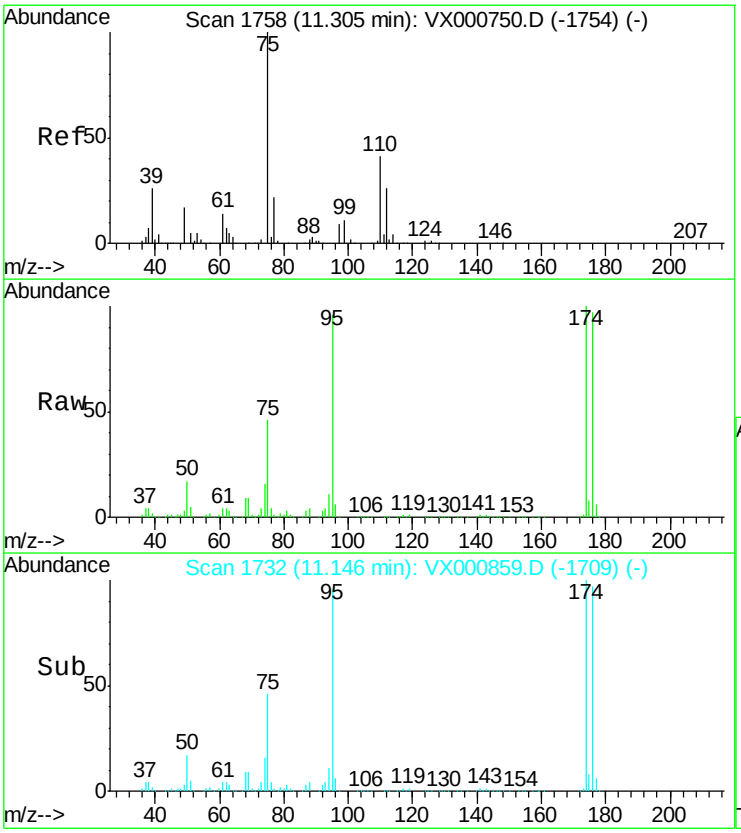
#74
N-amyl acetate
Concen: 0.23 ug/l
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument : MSVOA_X
ClientSampleId : SP-B

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	10.9	0.0	0.0#
61	7.3	15.6	23.4#

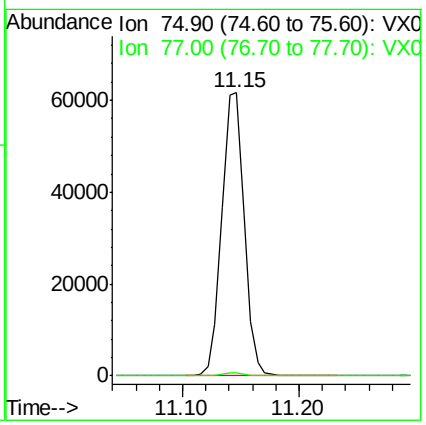


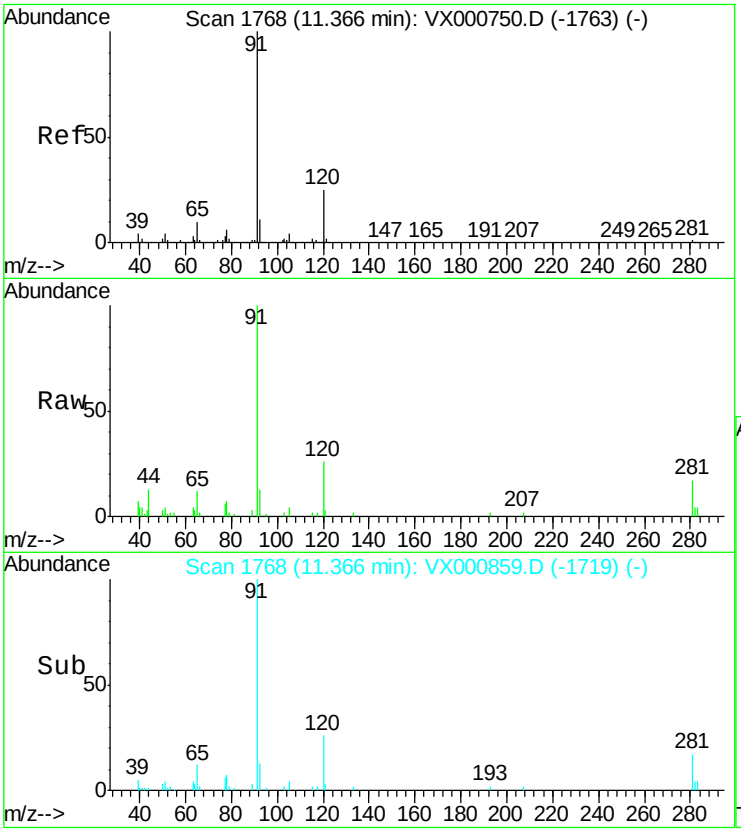


#76
1,2,3-Trichloropropane
Concen: 26.08 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 75 Resp: 82442

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.5#



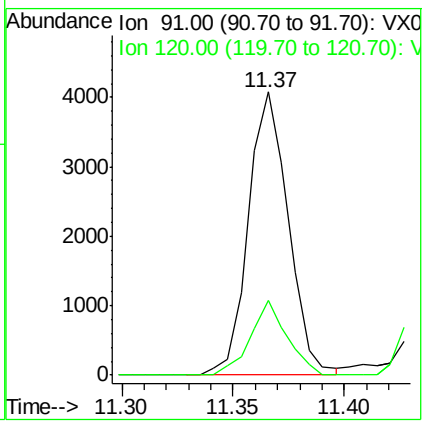


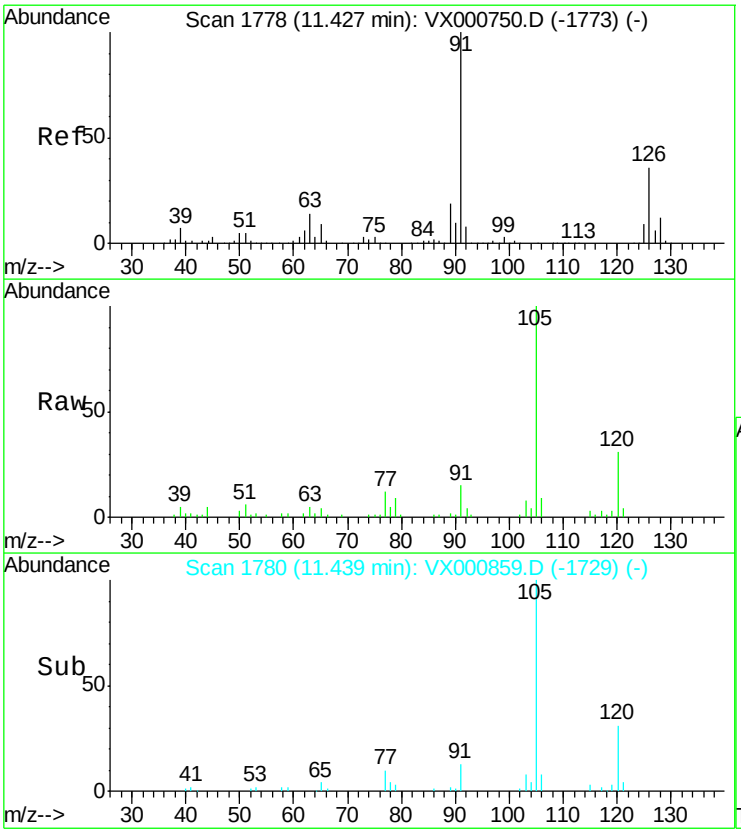
#78
n-propylbenzene
Concen: 0.38 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion: 91 Resp: 5100

Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.6	37.6

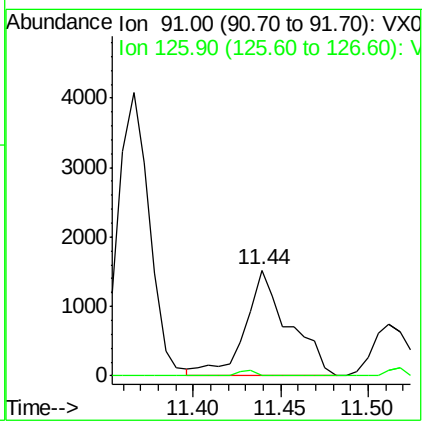


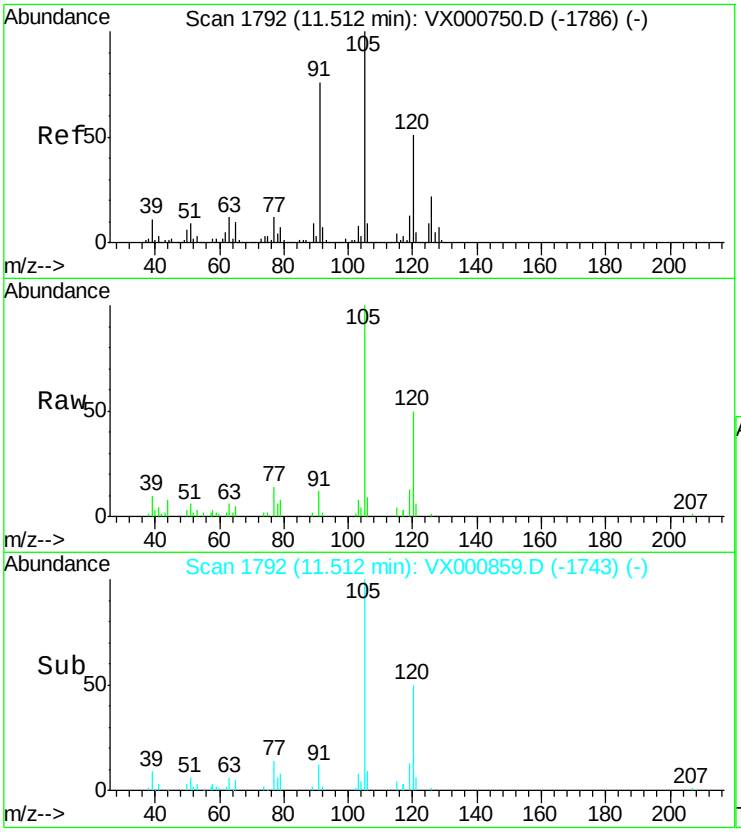


#79
2-Chlorotoluene
Concen: 0.34 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 91 Resp: 2663

Ion	Ratio	Lower	Upper
91	100		
126	2.0	18.3	54.9#



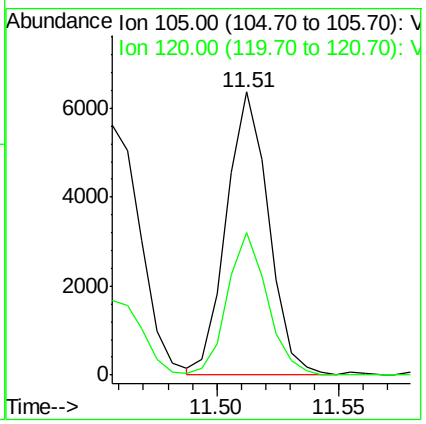


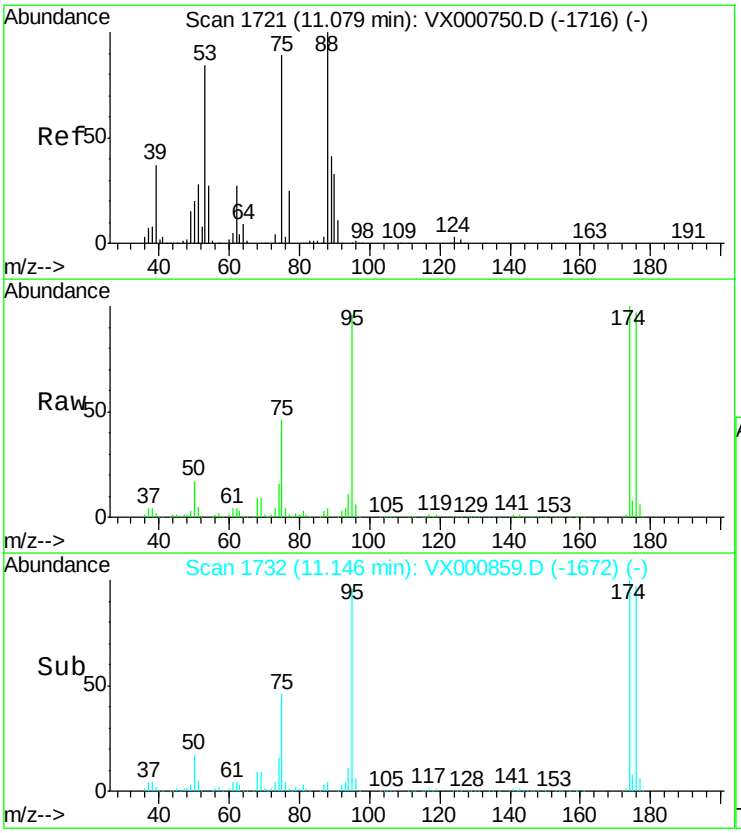
#80
1,3,5-Trimethylbenzene
Concen: 0.76 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:105 Resp: 7630

Ion	Ratio	Lower	Upper
105	100		
120	47.5	25.0	75.0

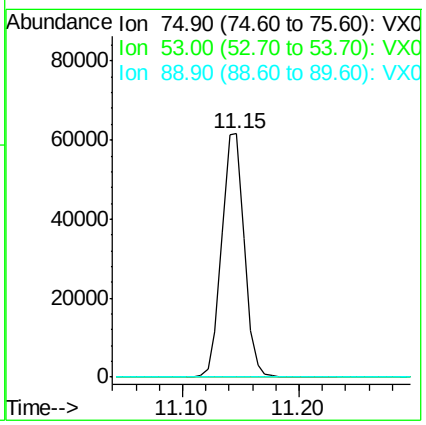


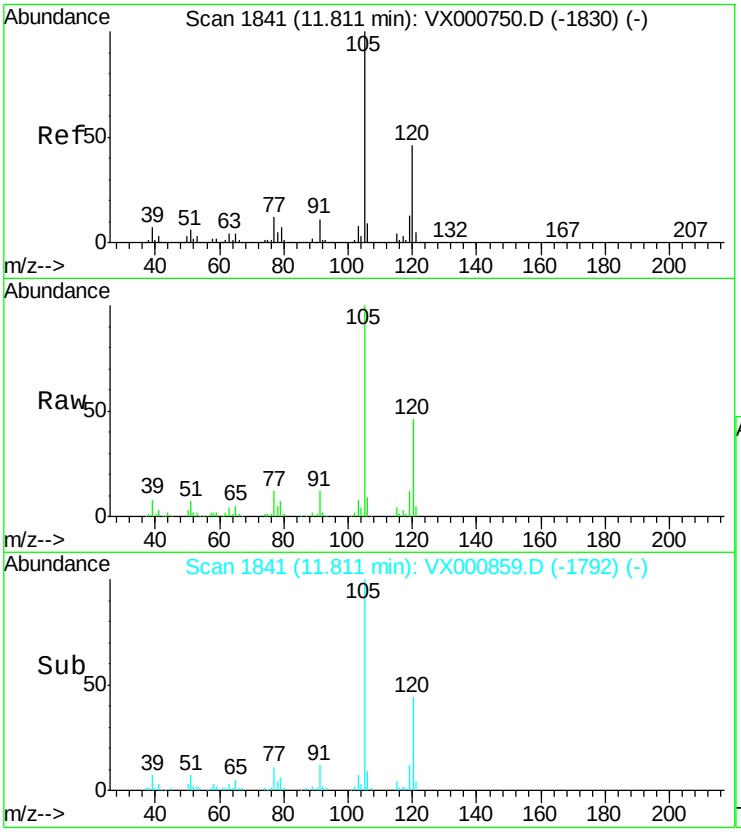


#81
trans-1,4-Dichloro-2-butene
Concen: 71.73 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.07 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 75 Resp: 82442

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



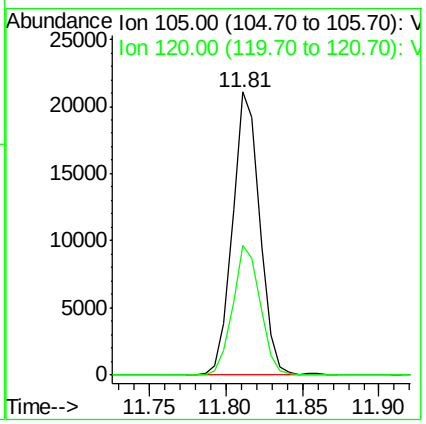


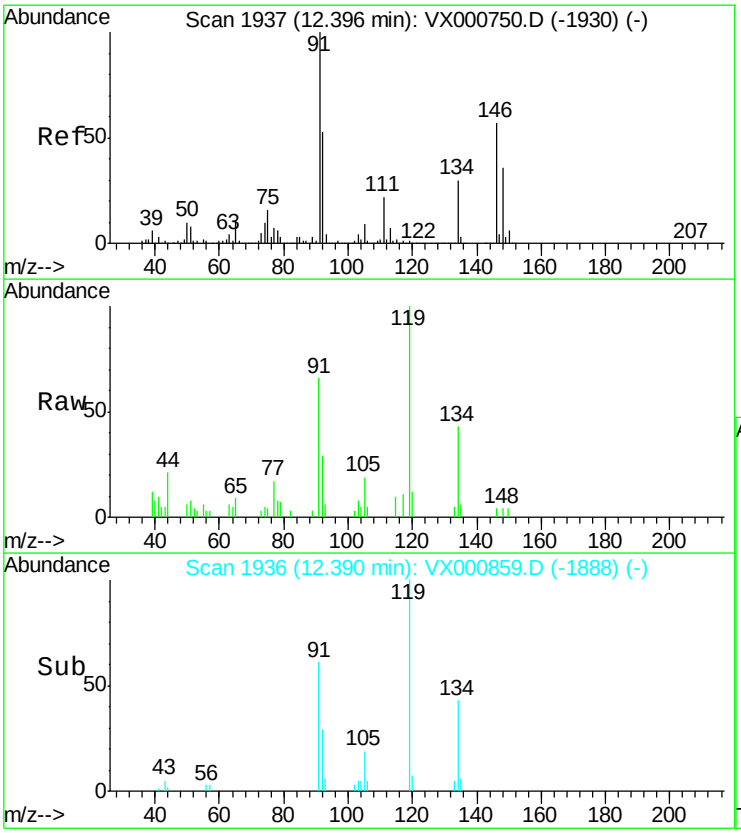
#84
1,2,4-Trimethylbenzene
Concen: 2.51 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:105 Resp: 25927

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

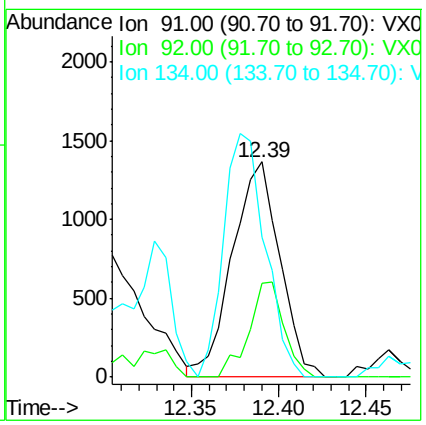


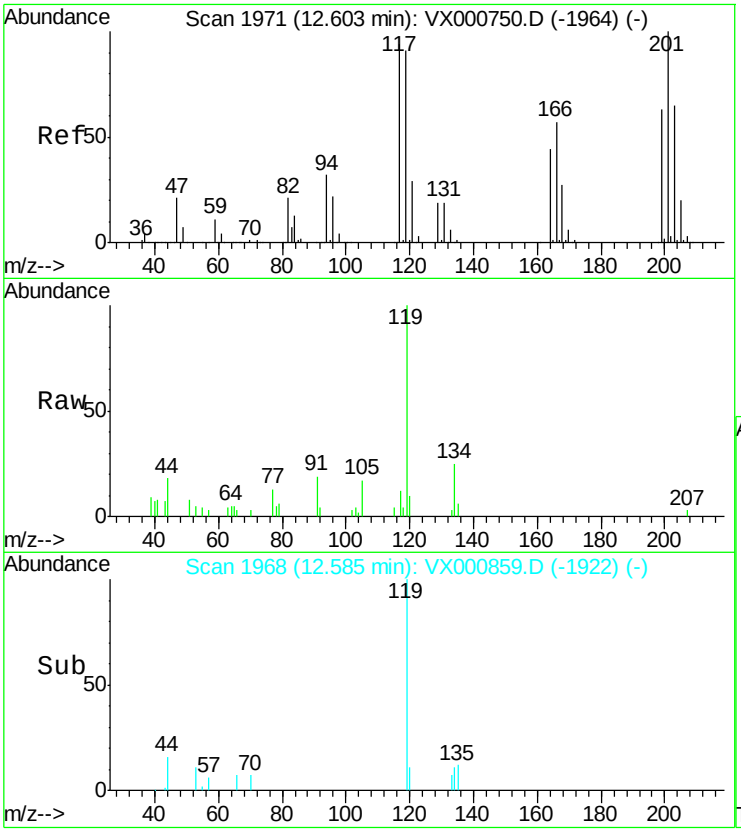


#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion: 91 Resp: 2576

Ion	Ratio	Lower	Upper
91	100		
92	32.8	26.5	79.5
134	98.9	14.5	43.5#



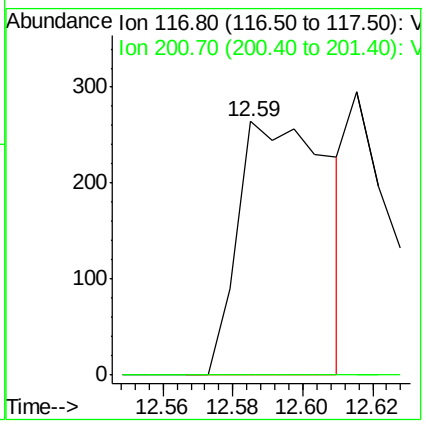


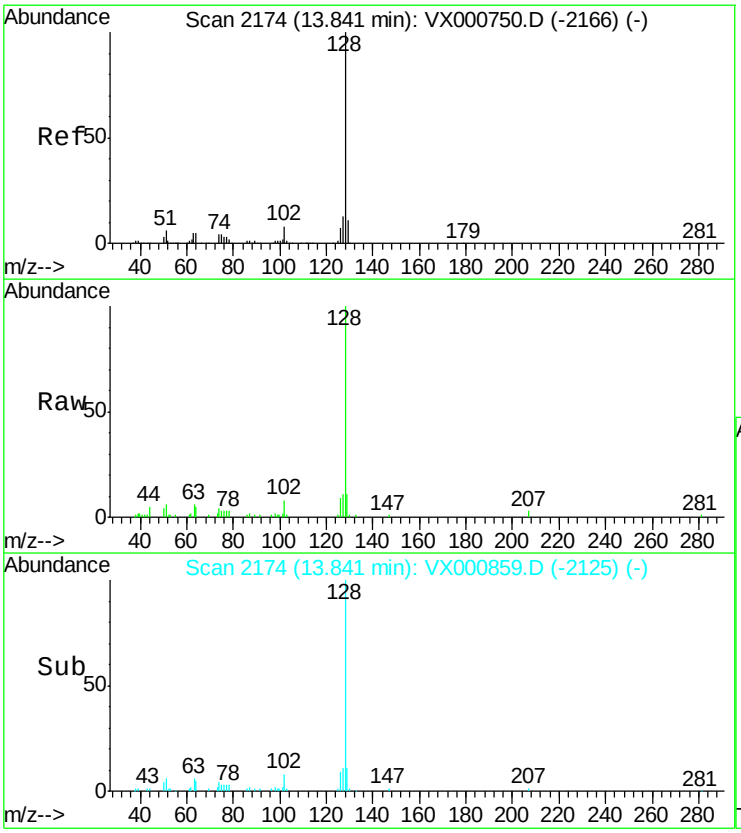
#90
Hexachloroethane
Concen: 0.25 ug/l
RT: 12.59 min Scan# 1968
Delta R.T. -0.02 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
SP-B

Tgt Ion:117 Resp: 480

Ion	Ratio	Lower	Upper
117	100		
201	0.0	52.9	158.7#





#95
Naphthalene
Concen: 0.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000859.D
Acq: 13 Apr 2018 19:25

Tgt Ion:128 Resp: 12977

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.2	8.7	13.1