Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031318\
Data File : VX000312.D
Acq On : 13 Mar 2018 20:28
Operator : JC/MD
Sample : J1890-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DRUM

Quant Time: Mar 14 01:00:50 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	124276	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	209379	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	202605	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107323	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	82008	47.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.20%				
35) Dibromofluoromethane	5.52	113	62837	47.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.56%				
50) Toluene-d8	8.73	98	238880	43.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.70%				
62) 4-Bromofluorobenzene	11.15	95	88584	41.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.32%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	322	Below Cal			97
6) Chloroethane	1.70	64	305	Below Cal		#	42
8) Diethyl Ether	2.20	74	320	0.34	ug/l		83
10) Methyl Iodide	2.52	142	26	3.16	ug/l	#	37
11) Tert butyl alcohol	3.09	59	6587	10.41	ug/l	#	87
13) Acrolein	2.28	56	134	0.40	ug/l	#	1
16) Acetone	2.46	43	5129	4.15	ug/l		90
18) Methyl Acetate	2.78	43	639	0.24	ug/l	#	69
19) Methyl tert-butyl Ether	3.22	73	9881	2.12	ug/l		92
20) Methylene Chloride	2.87	84	1512	1.02	ug/l	#	84
25) 2-Butanone	4.73	43	1237	0.81	ug/l	#	77
29) Tetrahydrofuran	5.18	42	622	0.65	ug/l	#	33
31) Cyclohexane	5.68	56	2839	1.51	ug/l	#	37
36) 1,1-Dichloropropene	5.68	75	9549	5.13	ug/l	#	49
38) Carbon Tetrachloride	5.68	117	12410	6.58	ug/l	#	15
40) Benzene	6.16	78	1173	0.22	ug/l	#	85
43) Isopropyl Acetate	6.48	43	1782	0.46	ug/l	#	86
52) Toluene	8.79	92	2358	0.64	ug/l		76
67) Ethyl Benzene	10.26	91	1942	0.27	ug/l	#	81
68) m/p-Xylenes	10.37	106	3161	1.15	ug/l		97
69) o-Xylene	10.71	106	1111	0.42	ug/l		90
74) N-amyl acetate	6.48	43	1782	0.52	ug/l	#	91
76) 1,2,3-Trichloropropane	11.15	75	47918	22.27	ug/l	#	33
79) 2-Chlorotoluene	11.44	91	1198	0.27	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.51	105	2242	0.40	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.15	75	47918	68.21	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.82	105	10109	1.75	ug/l		97
85) sec-Butylbenzene	11.82	105	10109	1.46	ug/l	#	56
92) 1,2-Dibromo-3-Chloropropan	12.83	75	133	0.20	ug/l	#	1
95) Naphthalene	13.84	128	8330	1.00	ug/l		98

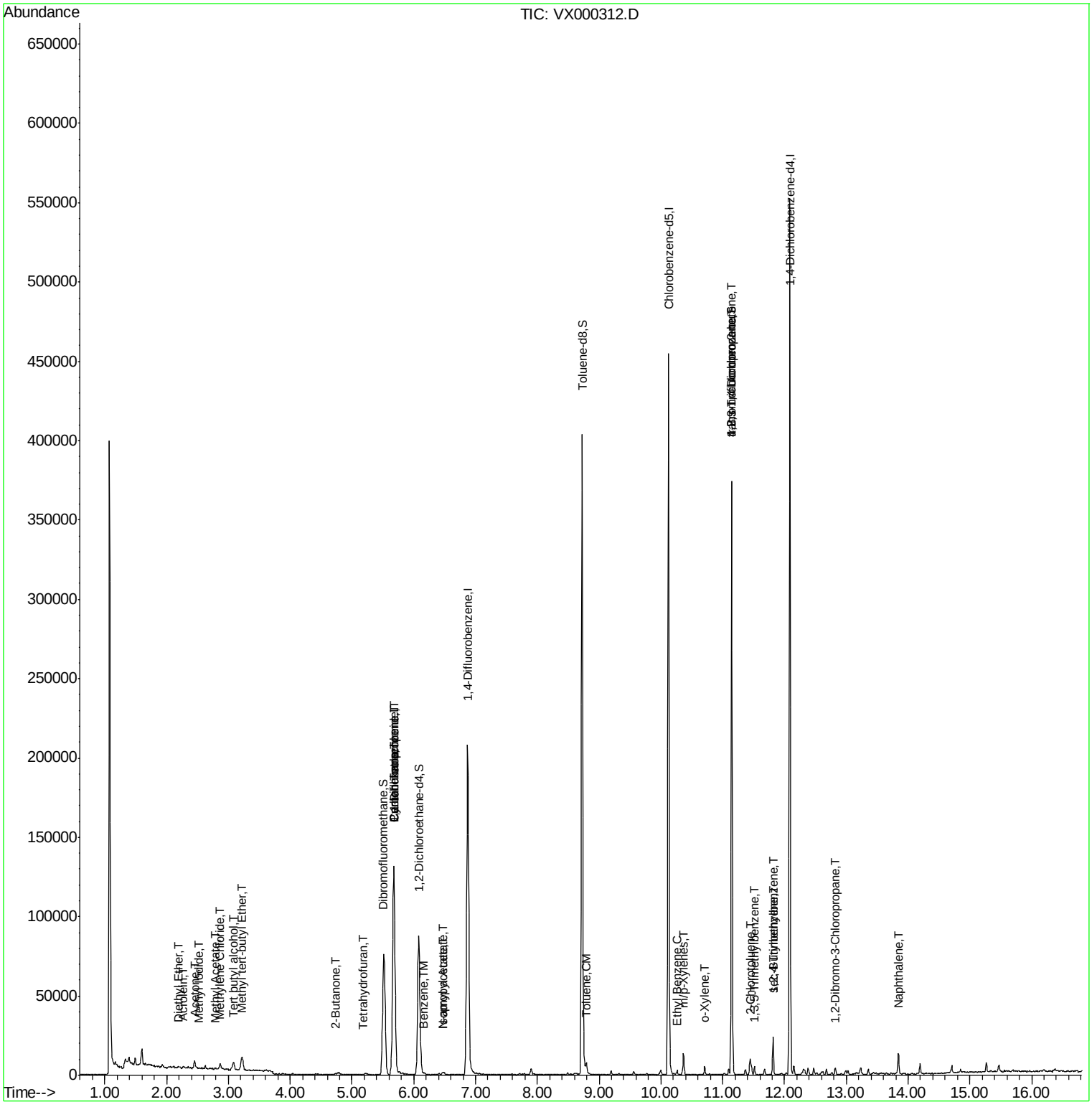
(#) = qualifier out of range (m) = manual integration (+) = signals summed

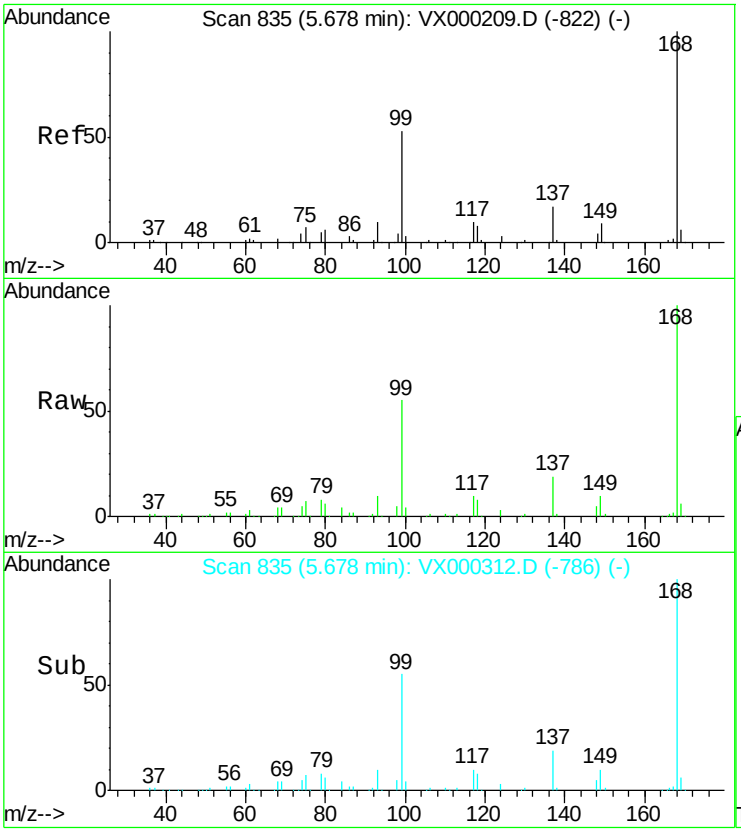
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
Data File : VX000312.D
Acq On : 13 Mar 2018 20:28
Operator : JC/MD
Sample : J1890-02 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Quant Time: Mar 14 01:00:50 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration



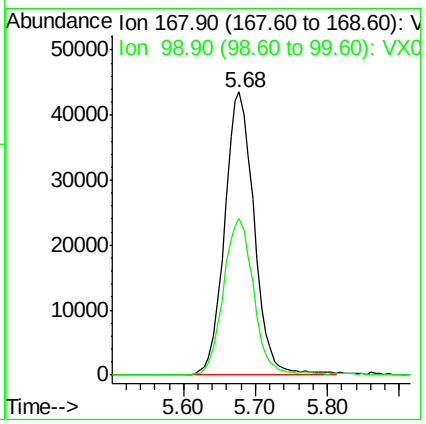


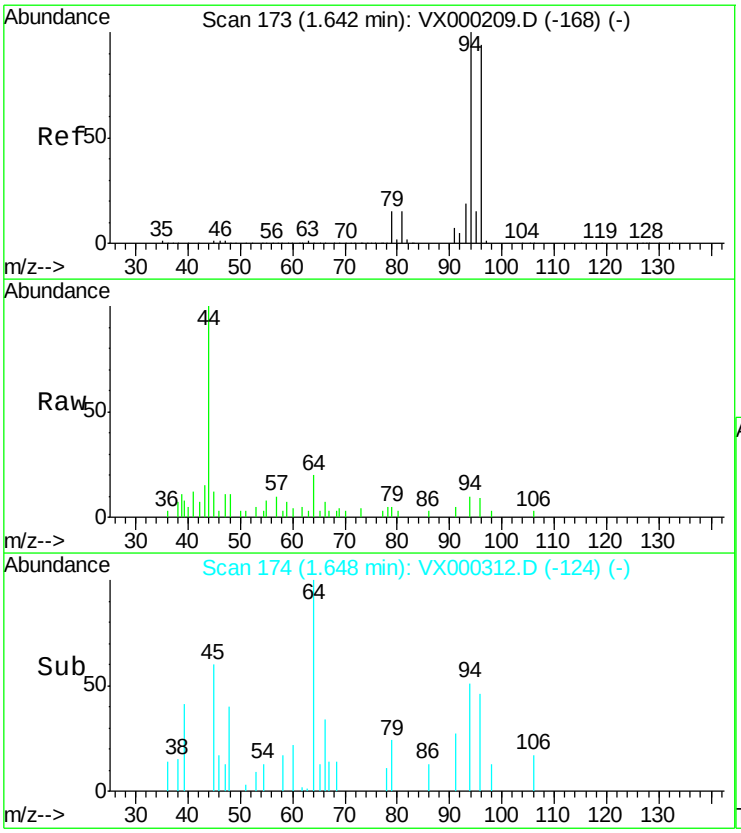
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:168 Resp: 124276

Ion	Ratio	Lower	Upper
168	100		
99	55.2	42.8	64.2

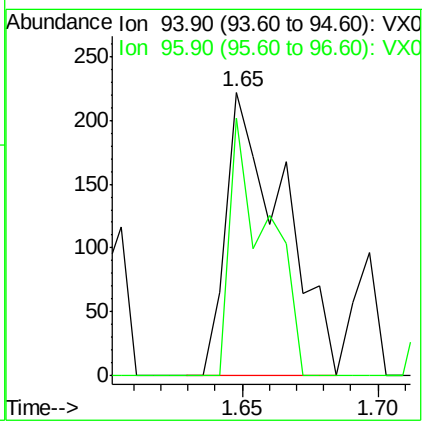


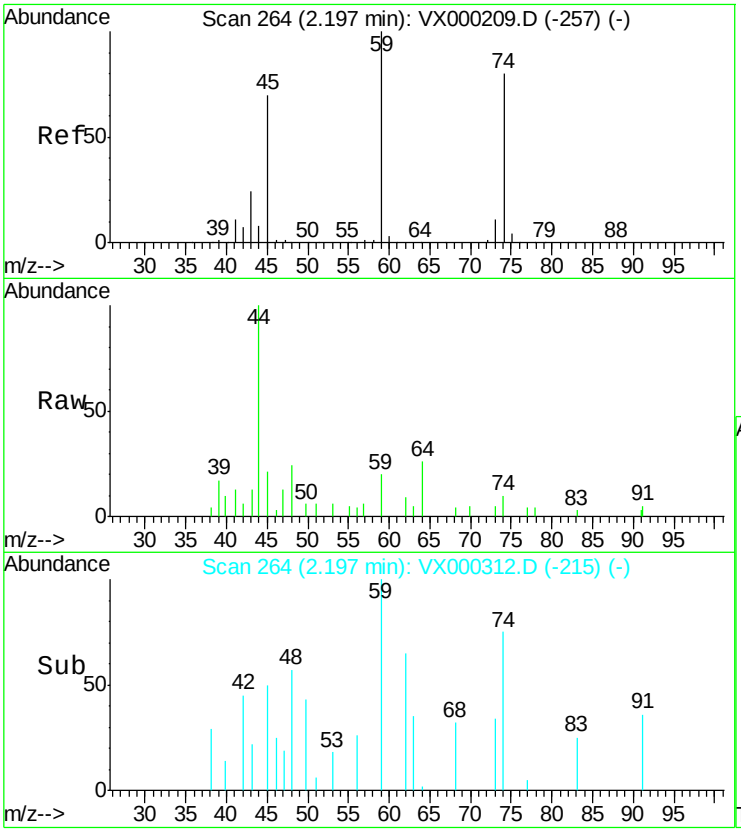


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 94 Resp: 322

Ion	Ratio	Lower	Upper
94	100		
96	91.0	75.3	112.9



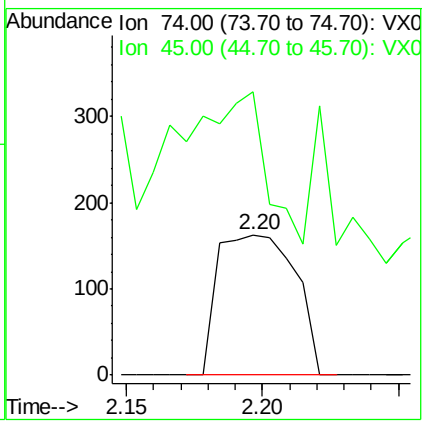


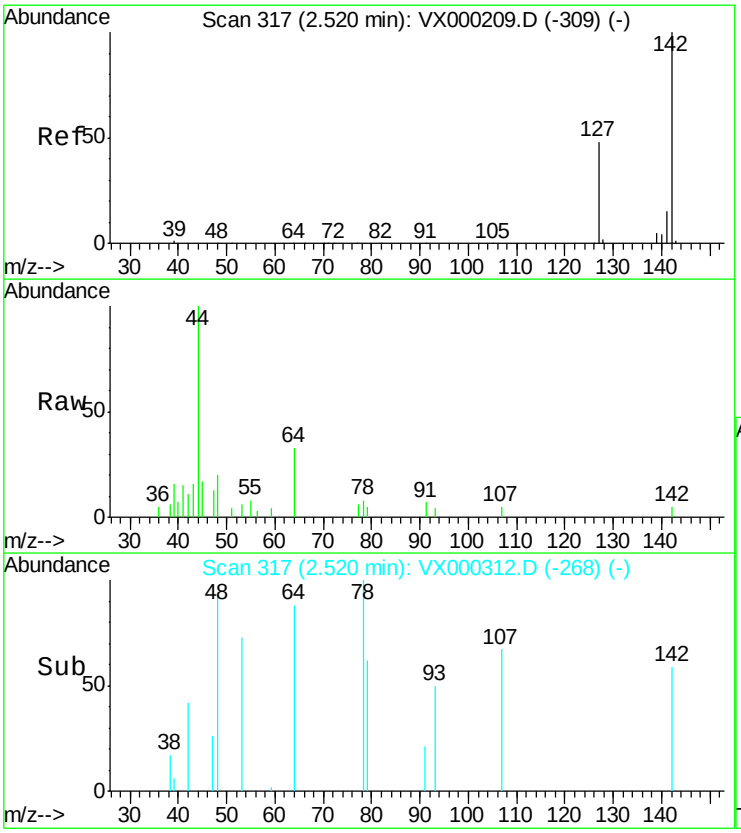
#8
Diethyl Ether
Concen: 0.34 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 74 Resp: 320

Ion	Ratio	Lower	Upper
74	100		
45	110.9	47.2	141.6

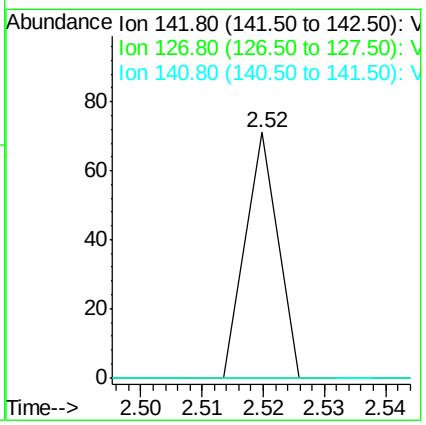


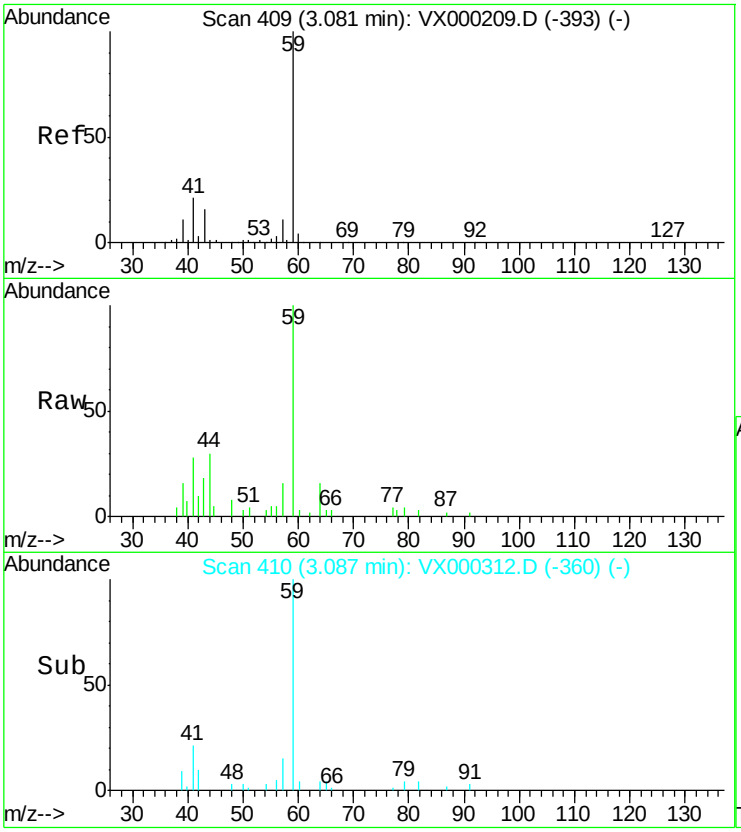


#10
Methyl Iodide
Concen: 3.16 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:142 Resp: 26

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.0	58.6#
141	0.0	11.6	17.4#



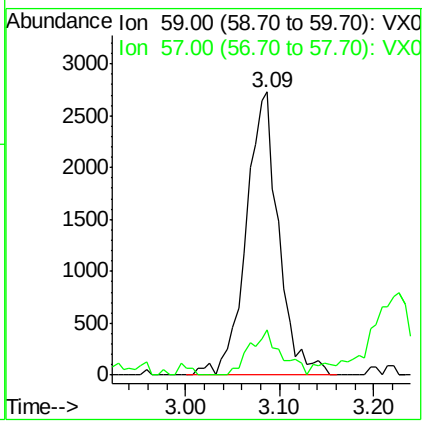


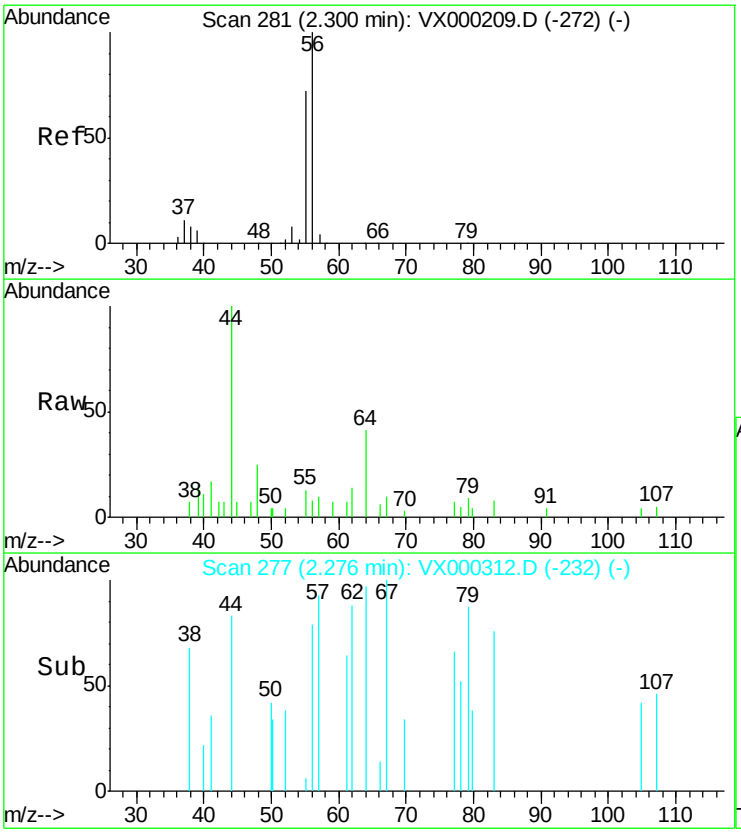
#11
Tert butyl alcohol
Concen: 10.41 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 59 Resp: 6587

Ion	Ratio	Lower	Upper
59	100		
57	15.4	8.4	12.6#

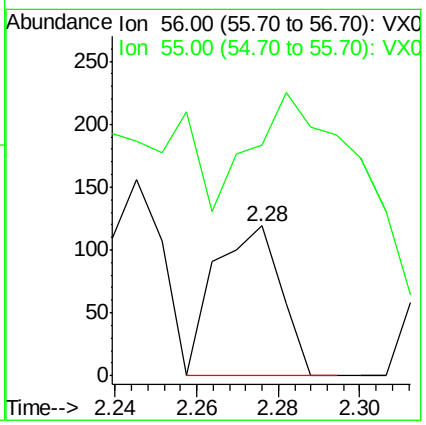


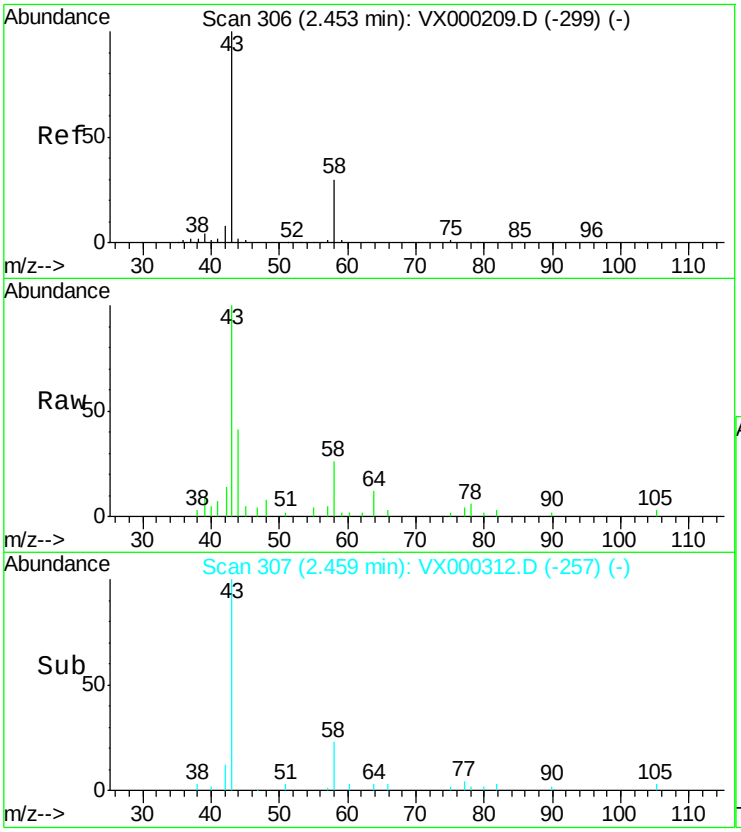


#13
Acrolein
Concen: 0.40 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 56 Resp: 134

Ion	Ratio	Lower	Upper
56	100		
55	196.3	59.2	88.8#



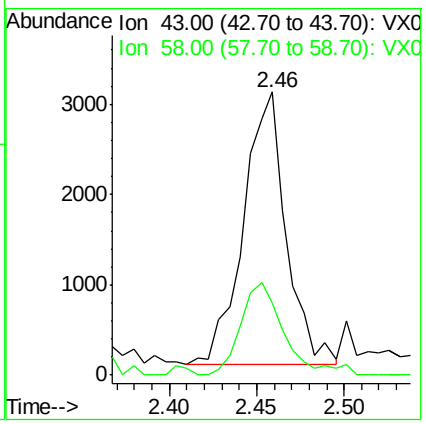


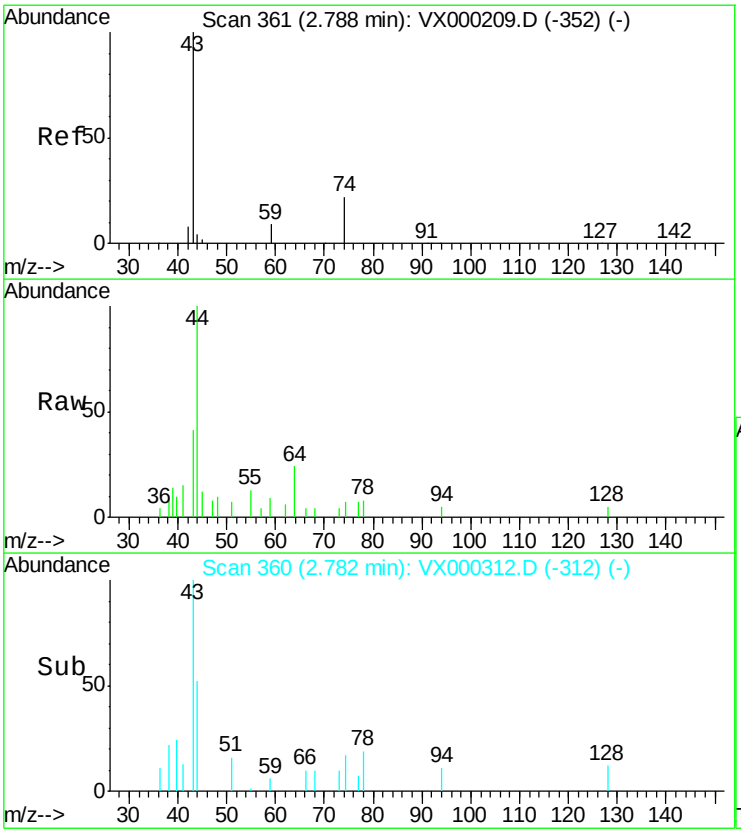
#16
Acetone
Concen: 4.15 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 43 Resp: 5129

Ion	Ratio	Lower	Upper
43	100		
58	24.1	23.8	35.6

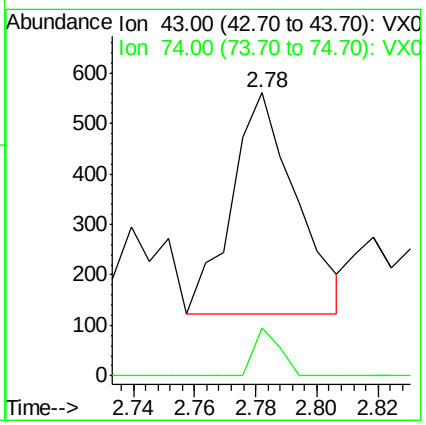


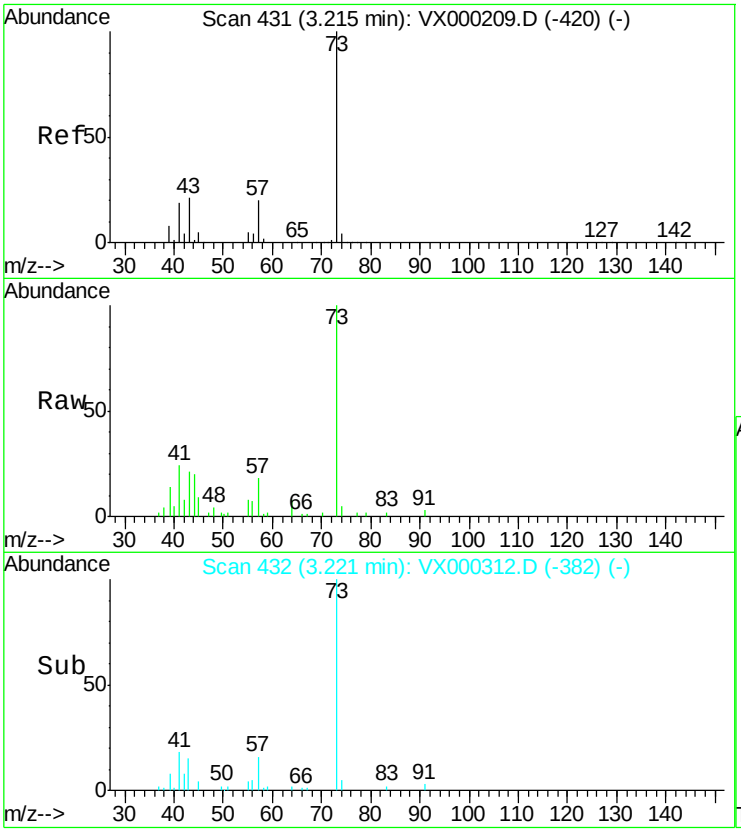


#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 43 Resp: 639

Ion	Ratio	Lower	Upper
43	100		
74	8.6	18.9	28.3#



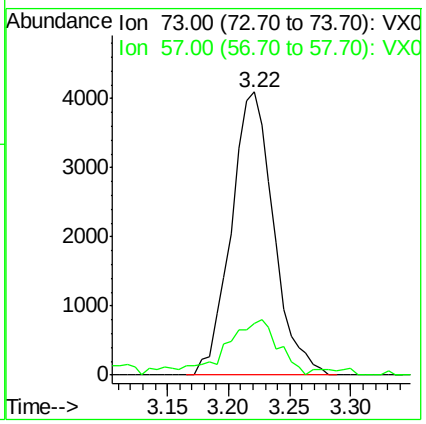


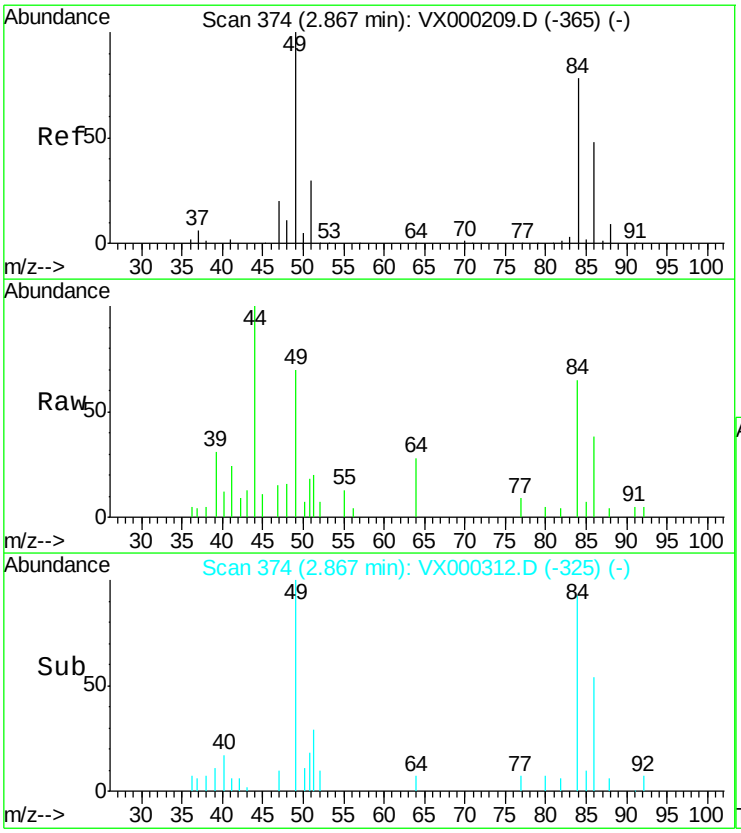
#19
Methyl tert-butyl Ether
Concen: 2.12 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 73 Resp: 9881

Ion	Ratio	Lower	Upper
73	100		
57	16.7	16.3	24.5

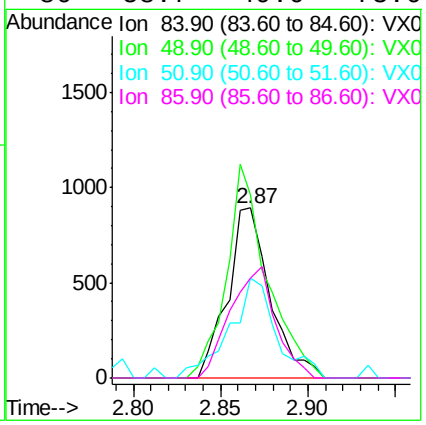


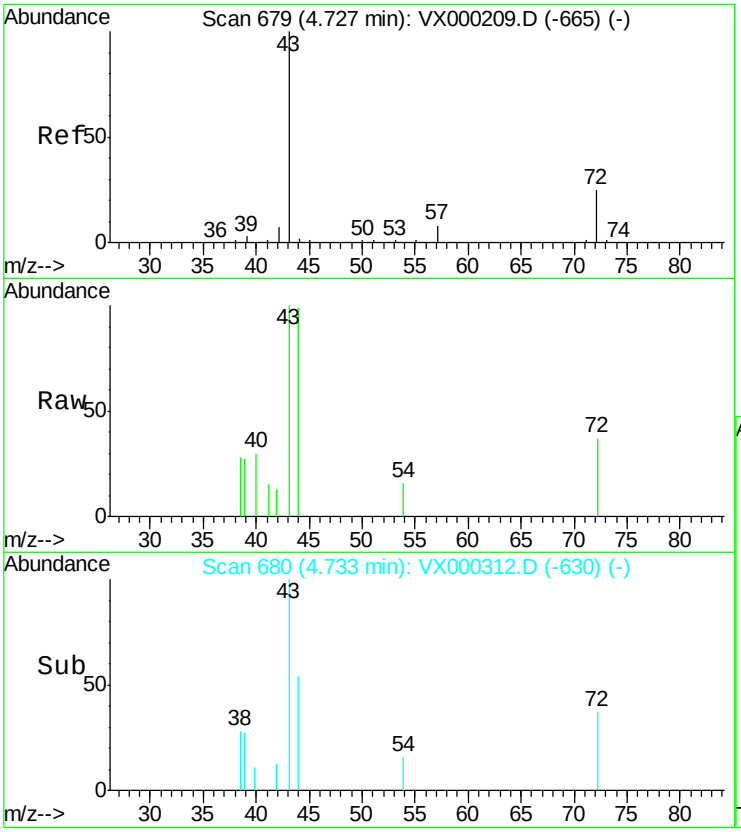


#20
Methylene Chloride
Concen: 1.02 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 84 Resp: 1512

Ion	Ratio	Lower	Upper
84	100		
49	107.9	102.1	153.1
51	58.8	30.6	45.8#
86	58.7	49.0	73.6



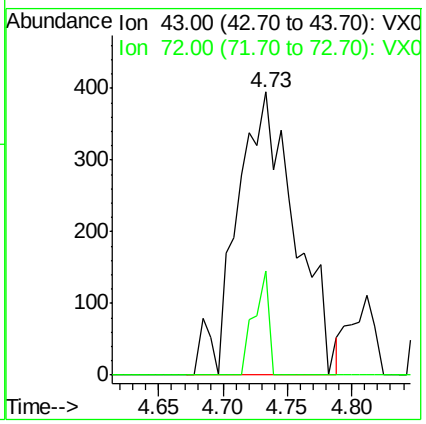


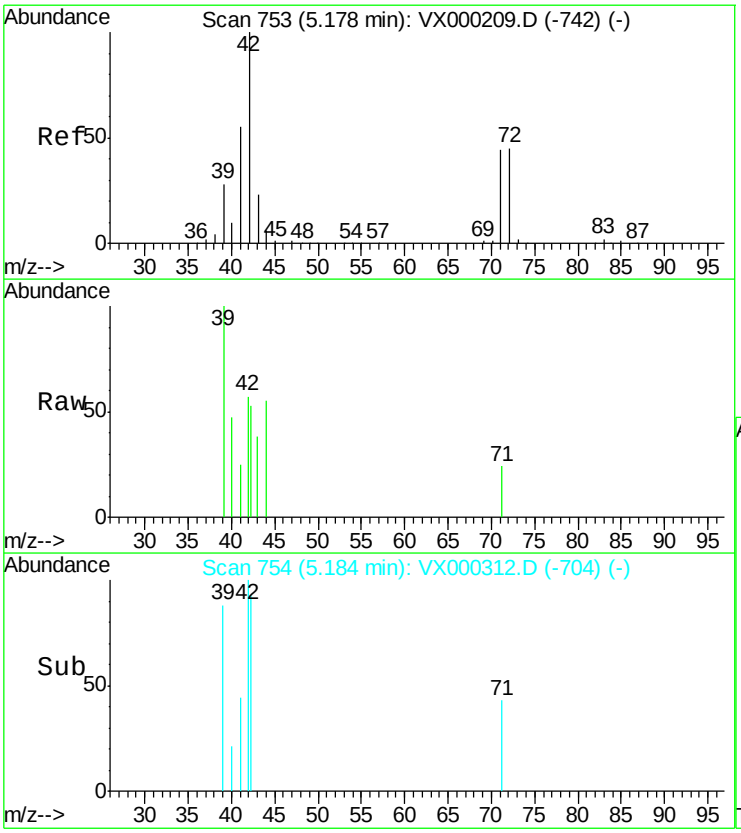
#25
2-Butanone
Concen: 0.81 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 43 Resp: 1237

Ion	Ratio	Lower	Upper
43	100		
72	37.0	20.2	30.2#

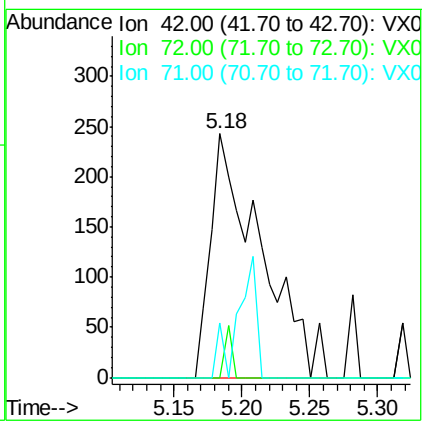


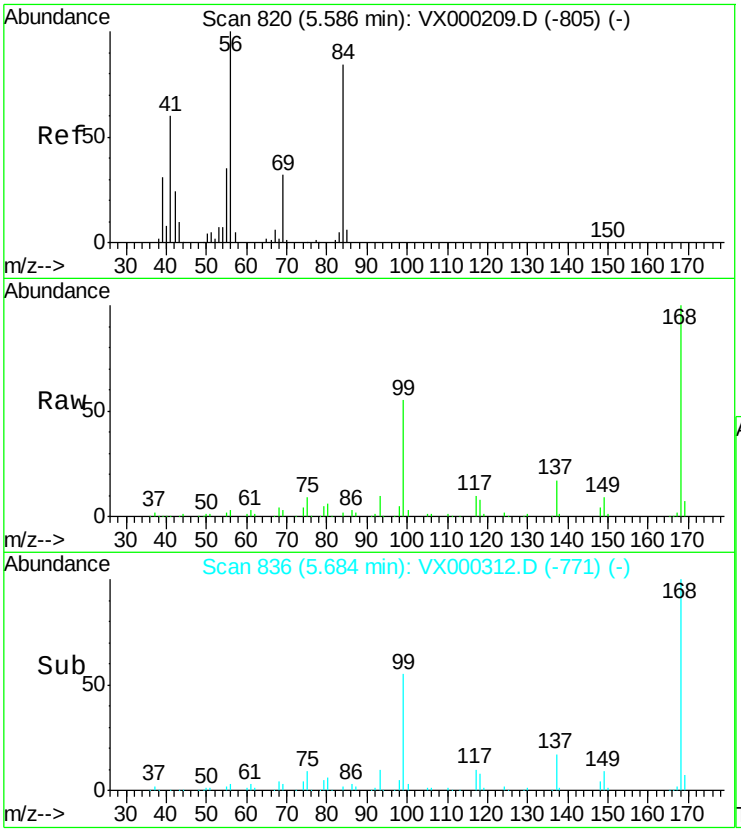


#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 42 Resp: 622

Ion	Ratio	Lower	Upper
42	100		
72	3.1	37.3	55.9#
71	0.0	35.0	52.4#



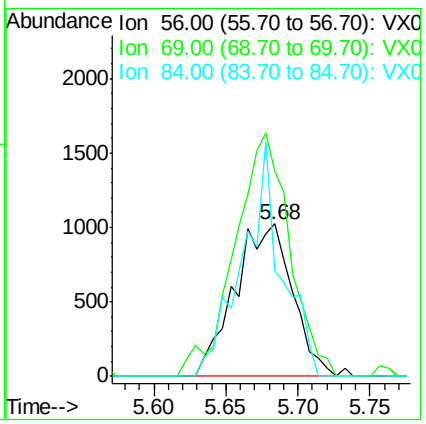


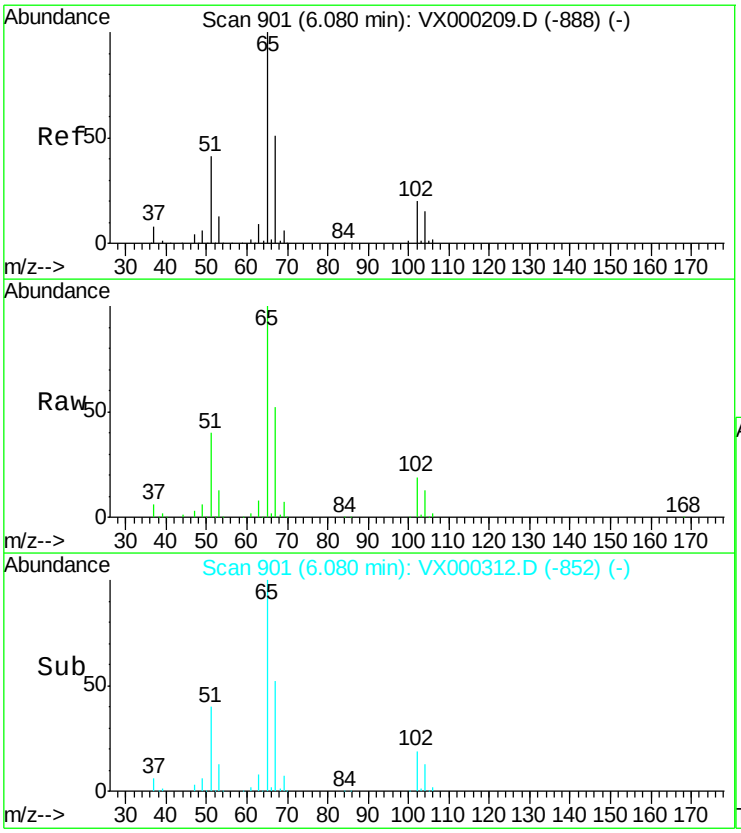
#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.68 min Scan# 836
Delta R.T. 0.10 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 56 Resp: 2839

Ion	Ratio	Lower	Upper
56	100		
69	135.0	25.3	37.9#
84	68.8	67.2	100.8

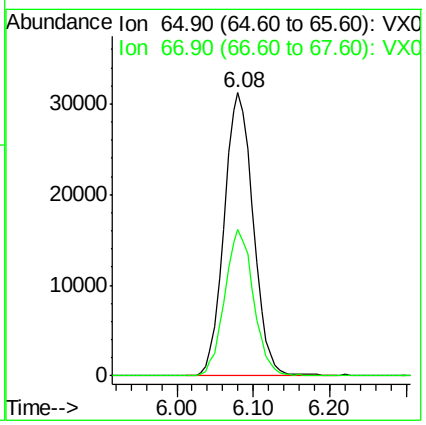


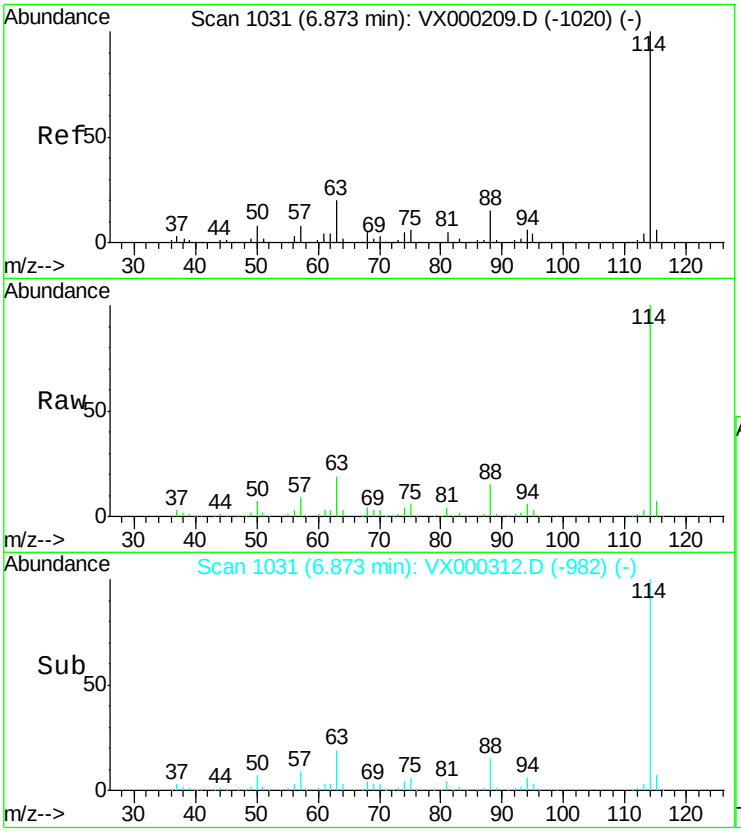


#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 65 Resp: 82008

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.4



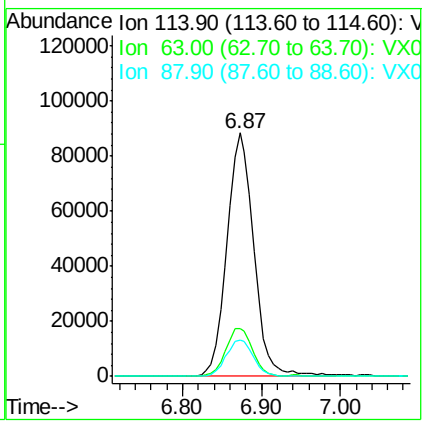


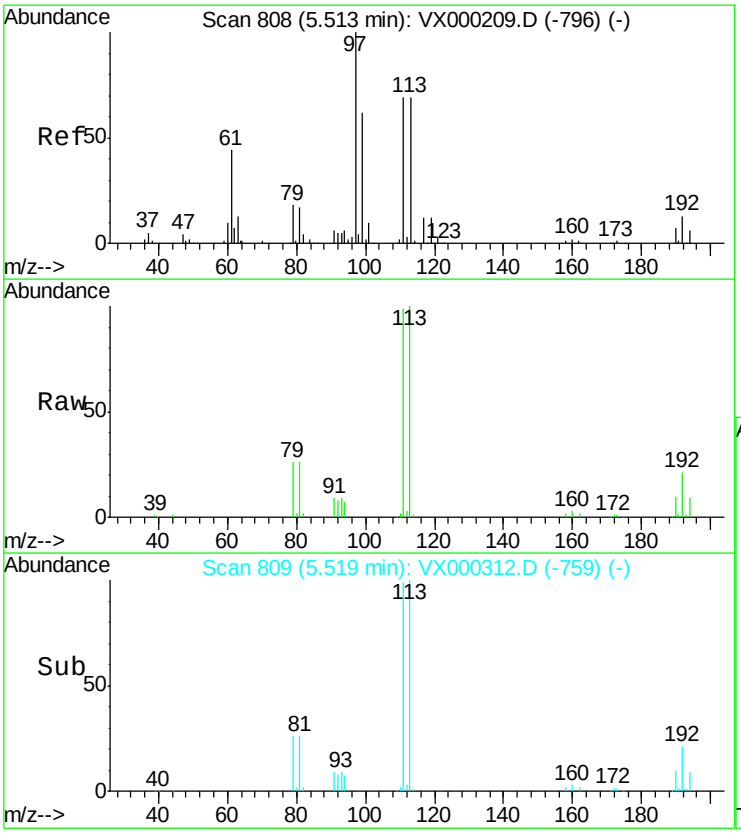
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:114 Resp: 209379

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	14.9	0.0	29.8

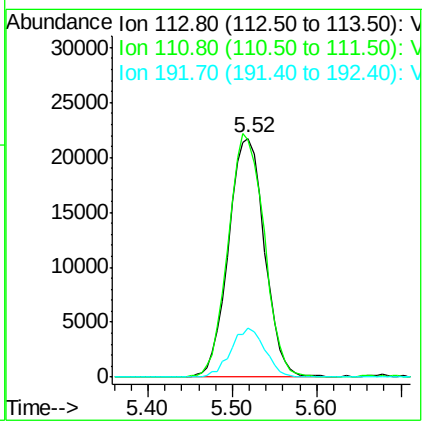


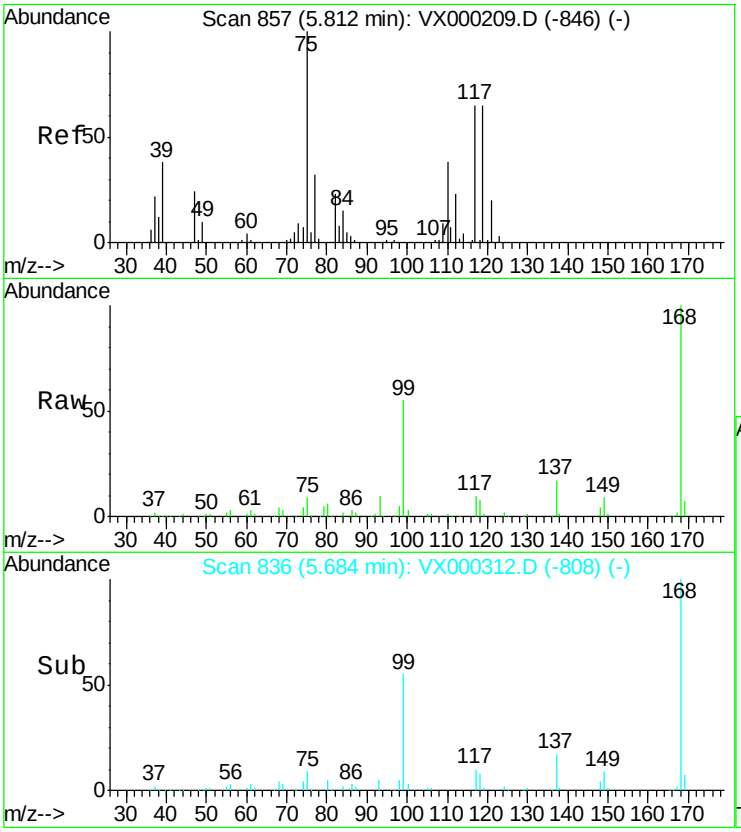


#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:113 Resp: 62837

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	19.4	15.5	23.3



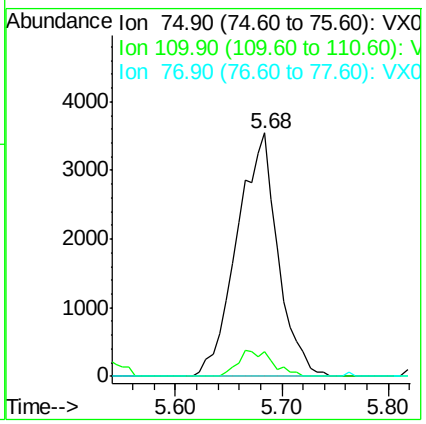


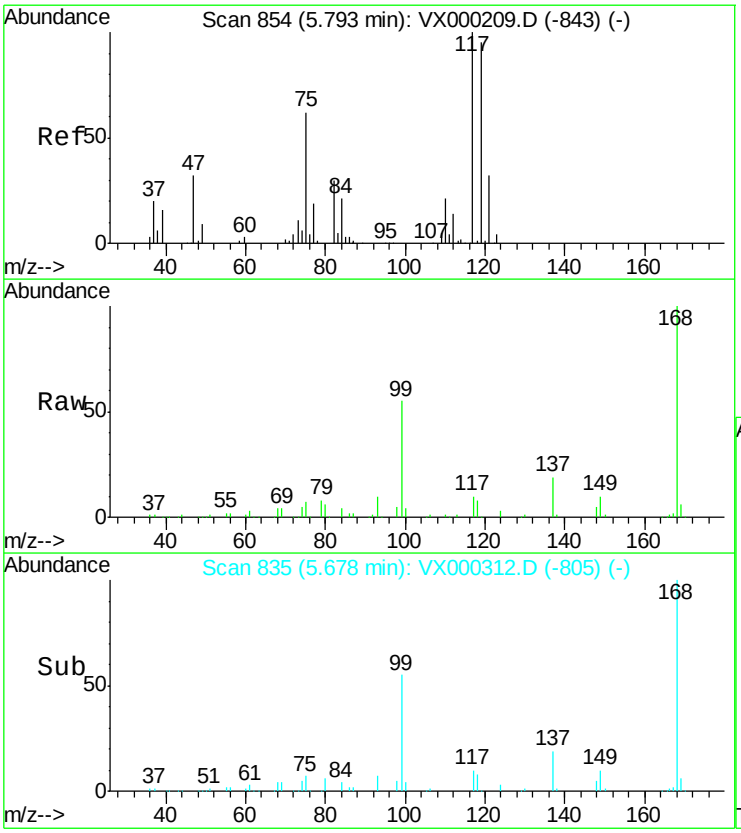
#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 5.68 min Scan# 836
Delta R.T. -0.13 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 75 Resp: 9549

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.5#
77	0.0	24.9	37.3#

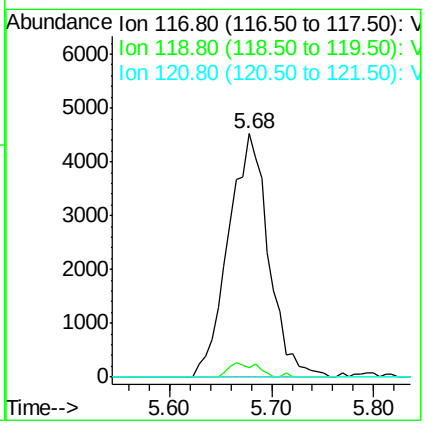


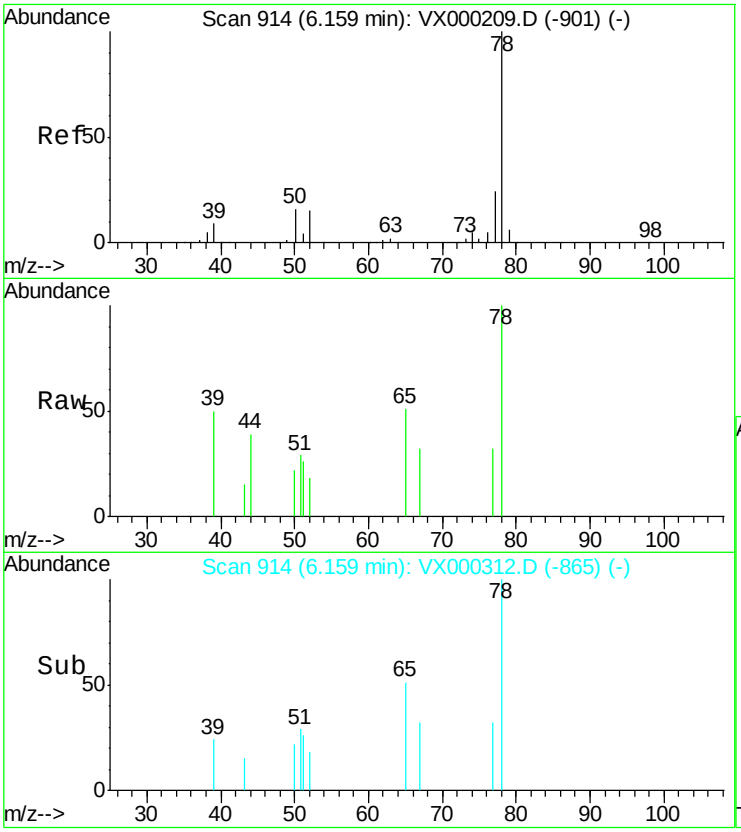


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:117 Resp: 12410

Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.9	113.9#
121	0.0	25.8	38.6#



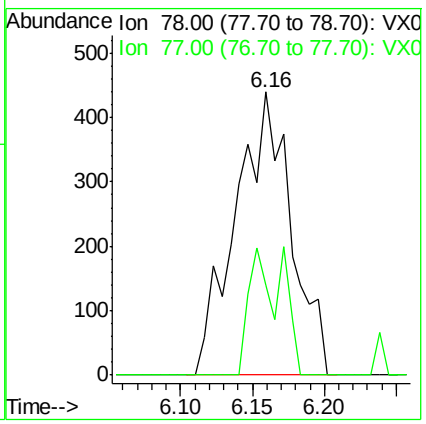


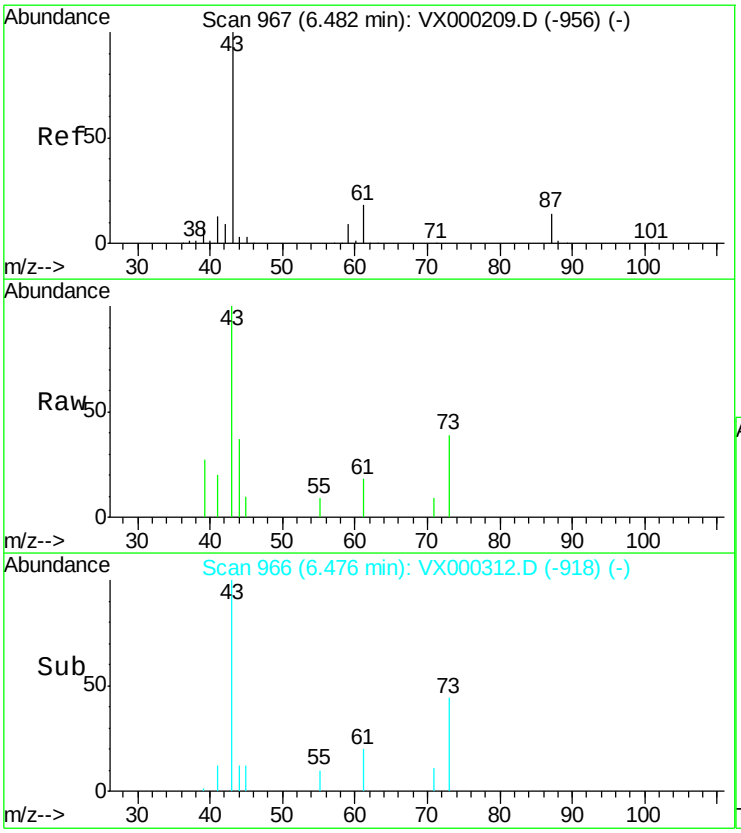
#40
Benzene
Concen: 0.22 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 78 Resp: 1173

Ion	Ratio	Lower	Upper
78	100		
77	31.9	19.4	29.2#

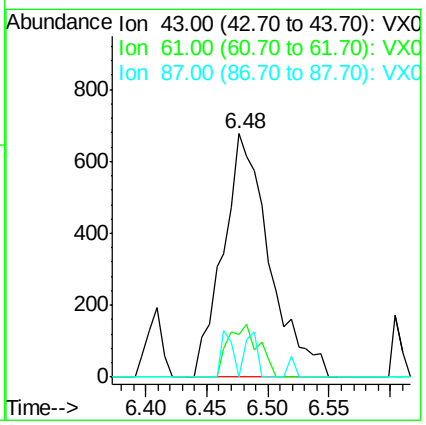


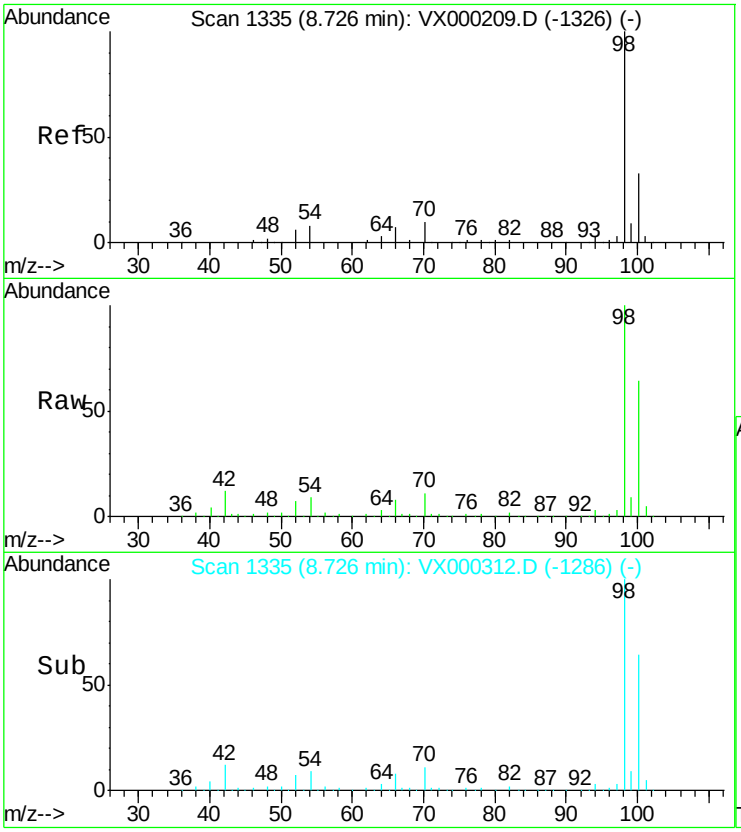


#43
Isopropyl Acetate
Concen: 0.46 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 43 Resp: 1782

Ion	Ratio	Lower	Upper
43	100		
61	14.4	14.8	22.2#
87	4.7	10.6	16.0#



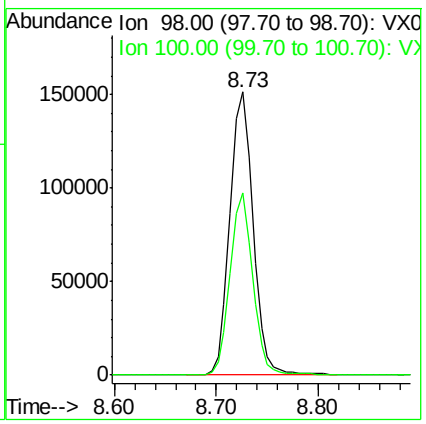


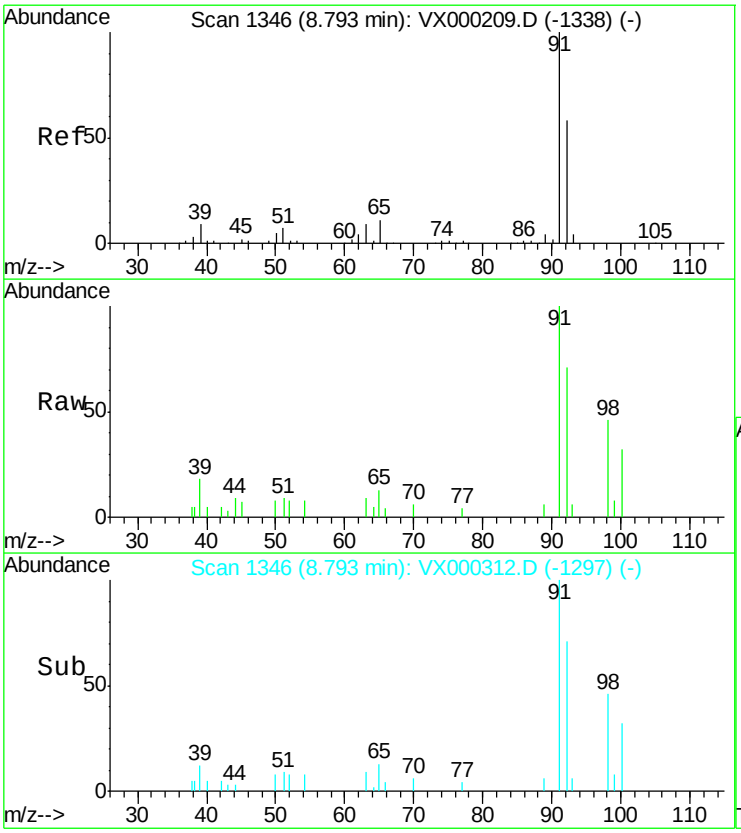
#50
Toluene-d8
Concen: 43.85 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 98 Resp: 238880

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.2	76.8

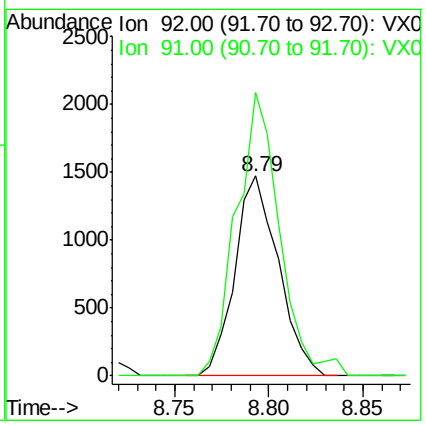


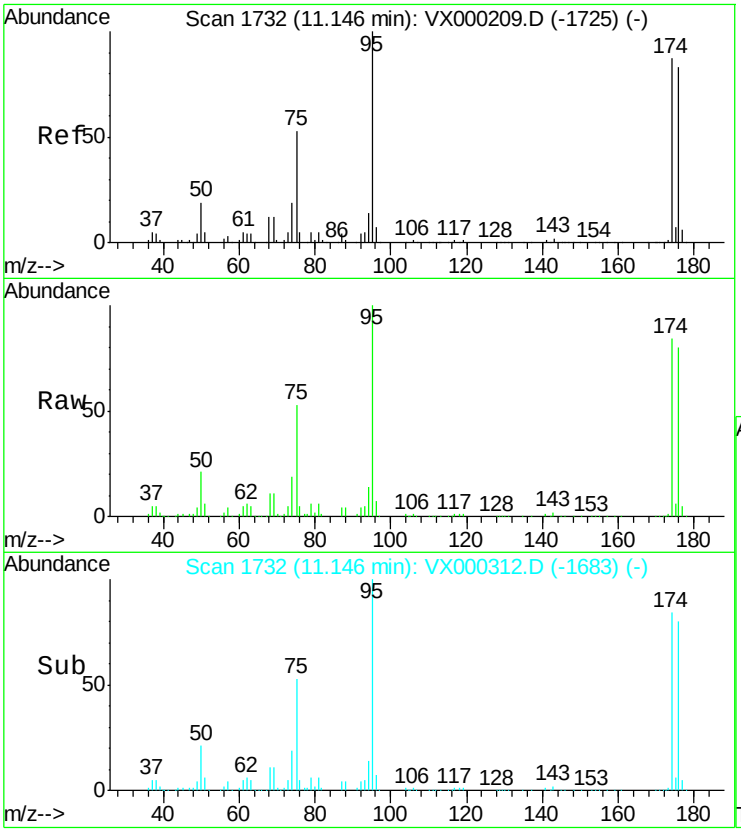


#52
Toluene
Concen: 0.64 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 92 Resp: 2358

Ion	Ratio	Lower	Upper
92	100		
91	141.0	139.0	208.6



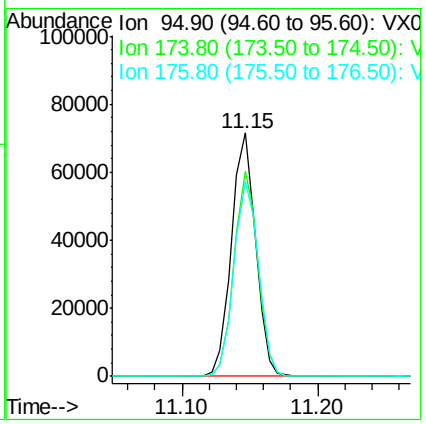


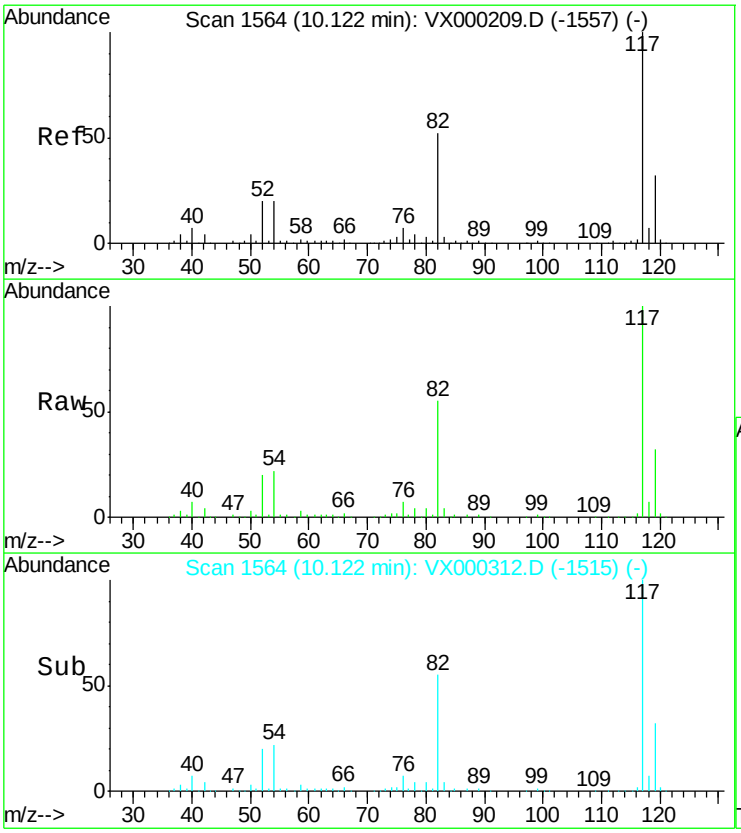
#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 95 Resp: 88584

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	175.6
176	81.6	0.0	171.0

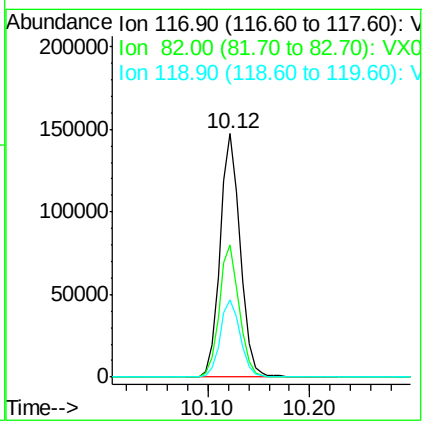


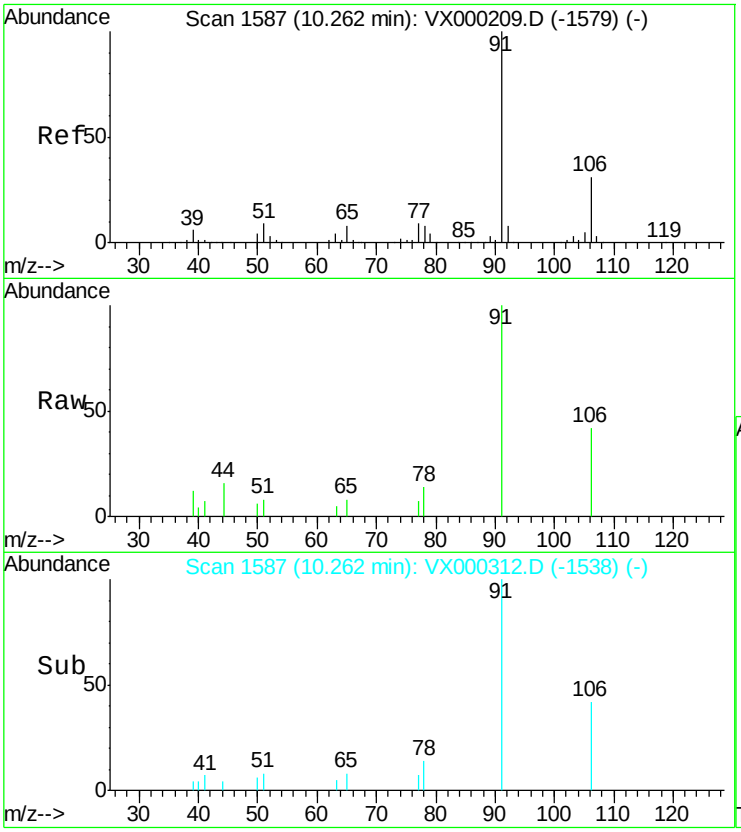


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:117 Resp: 202605

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	32.0	25.3	37.9



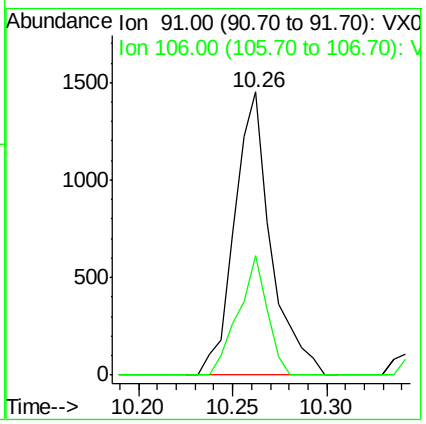


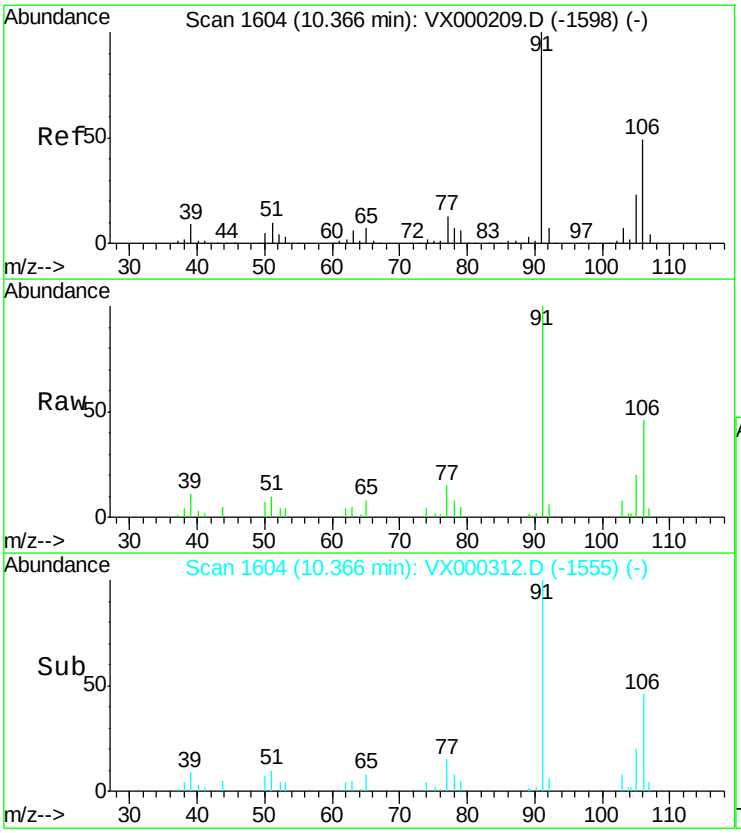
#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument : MSVOA_X
ClientSampleId : DRUM

Tgt Ion: 91 Resp: 1942

Ion	Ratio	Lower	Upper
91	100		
106	42.2	25.2	37.8#

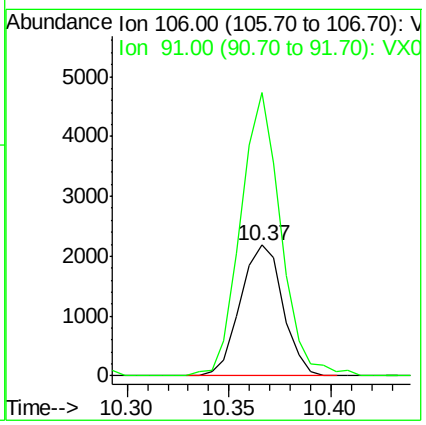


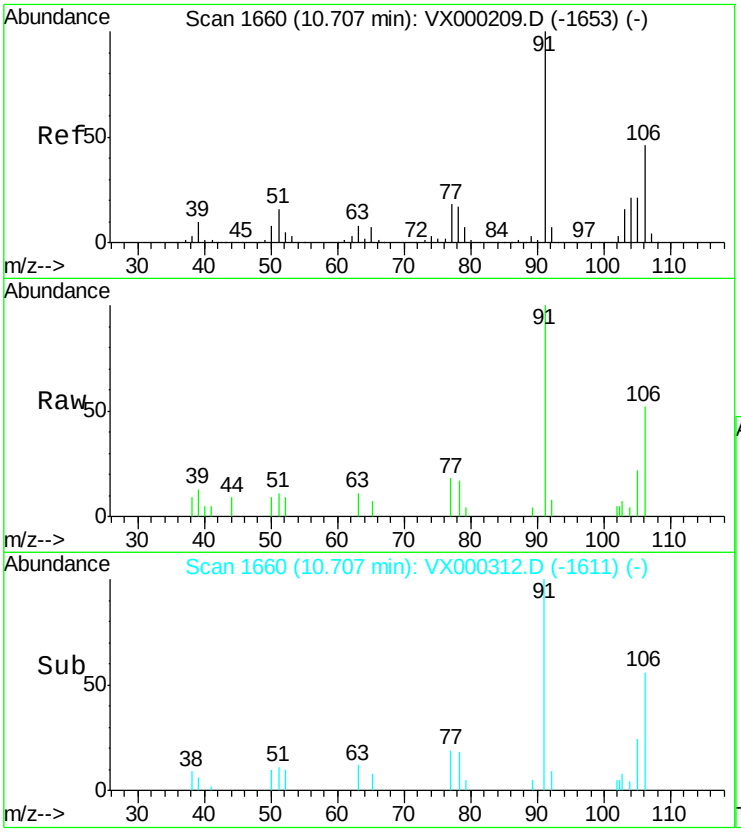


#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:106 Resp: 3161

Ion	Ratio	Lower	Upper
106	100		
91	205.4	160.9	241.3



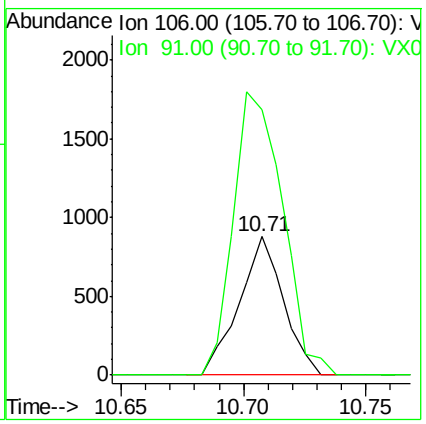


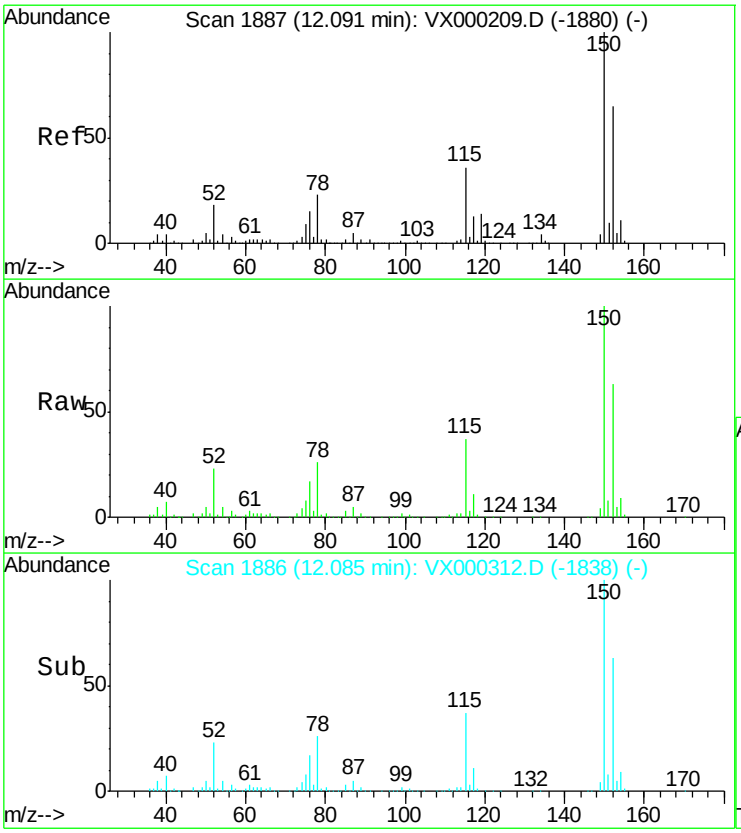
#69
o-Xylene
Concen: 0.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:106 Resp: 1111

Ion	Ratio	Lower	Upper
106	100		
91	227.6	105.9	317.7

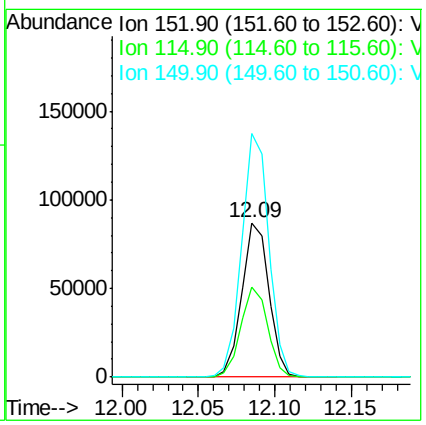


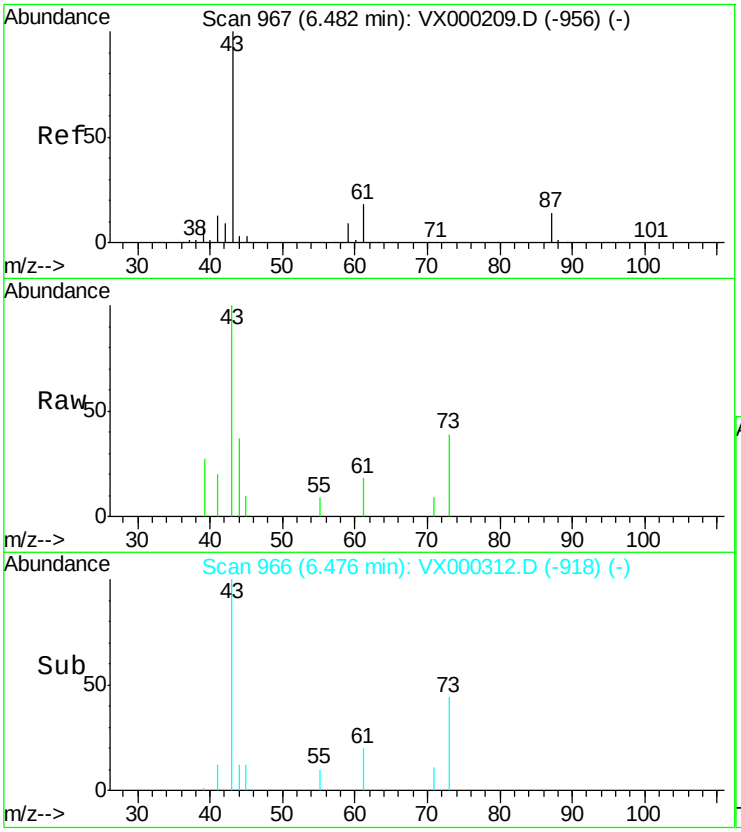


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:152 Resp: 107323

Ion	Ratio	Lower	Upper
152	100		
115	57.7	39.8	119.3
150	157.7	0.0	345.0



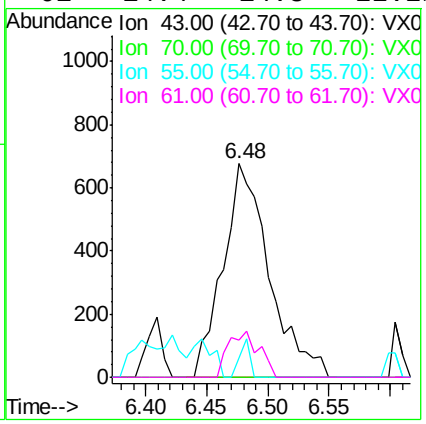


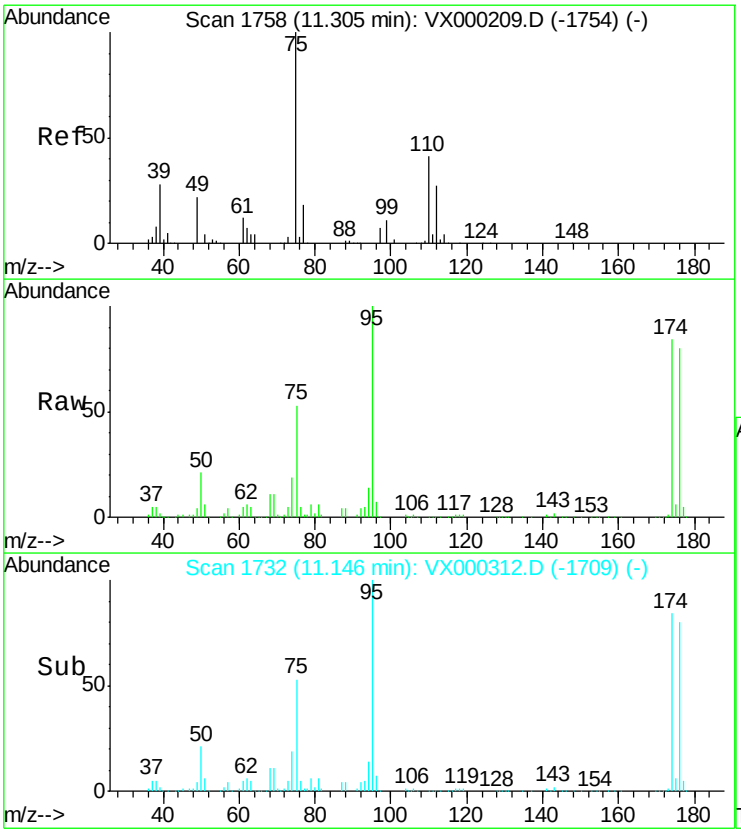
#74
N-amyl acetate
Concen: 0.52 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument : MSVOA_X
ClientSampleId : DRUM

Tgt Ion: 43 Resp: 1782

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	3.8	0.0	0.0#
61	14.4	14.8	22.2#

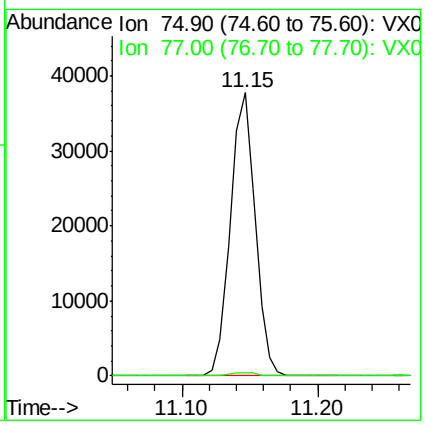


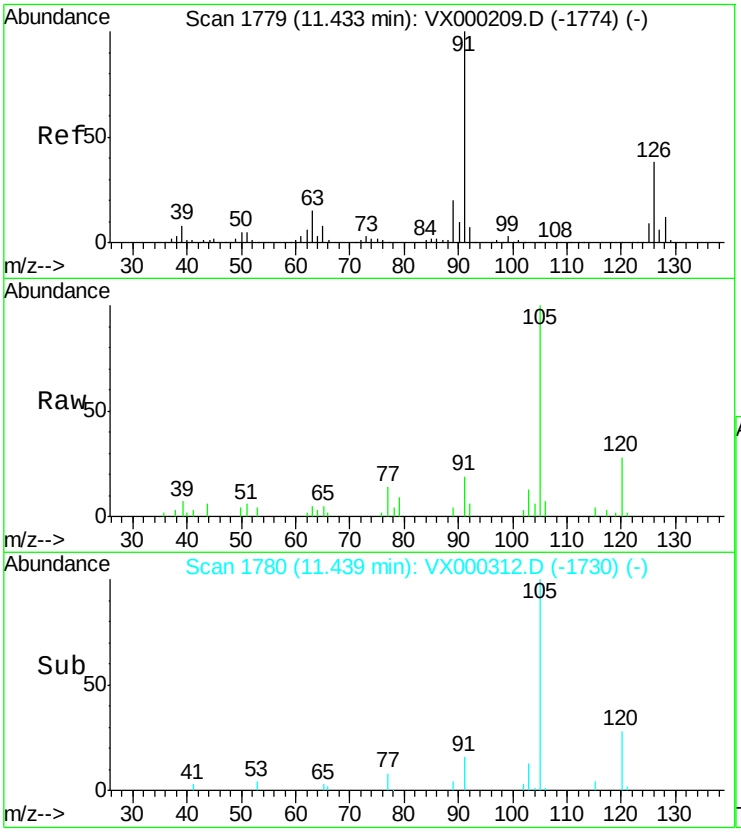


#76
1,2,3-Trichloropropane
Concen: 22.27 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 75 Resp: 47918

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.3	66.8#



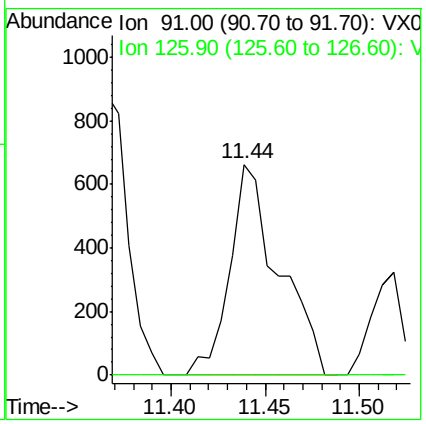


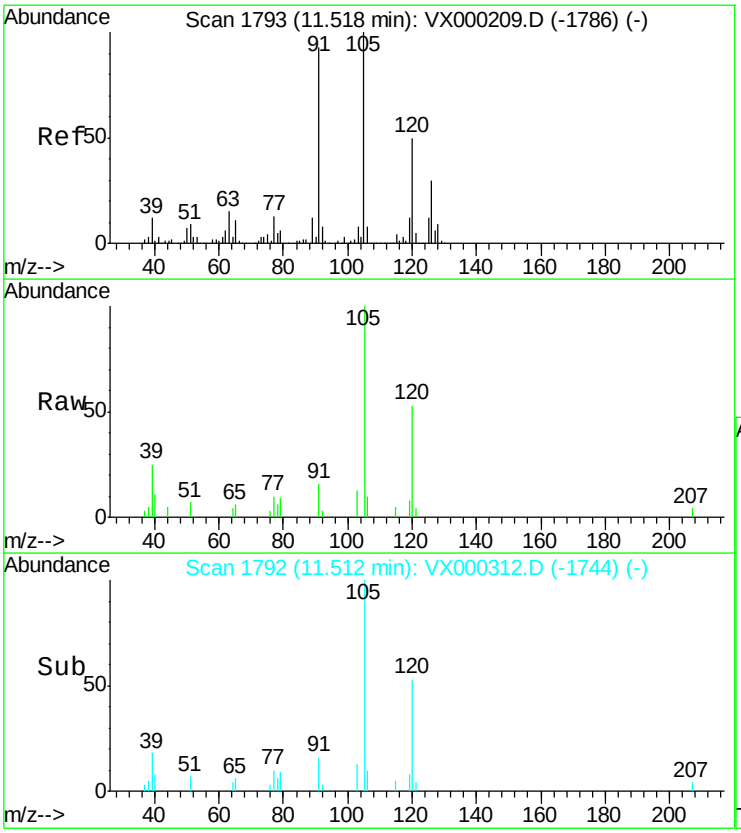
#79
2-Chlorotoluene
Concen: 0.27 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument : MSVOA_X
ClientSampleId : DRUM

Tgt Ion: 91 Resp: 1198

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	55.2#

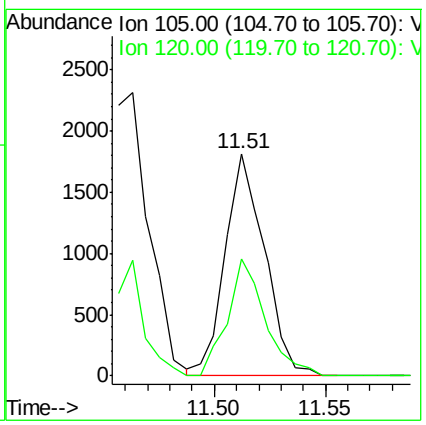


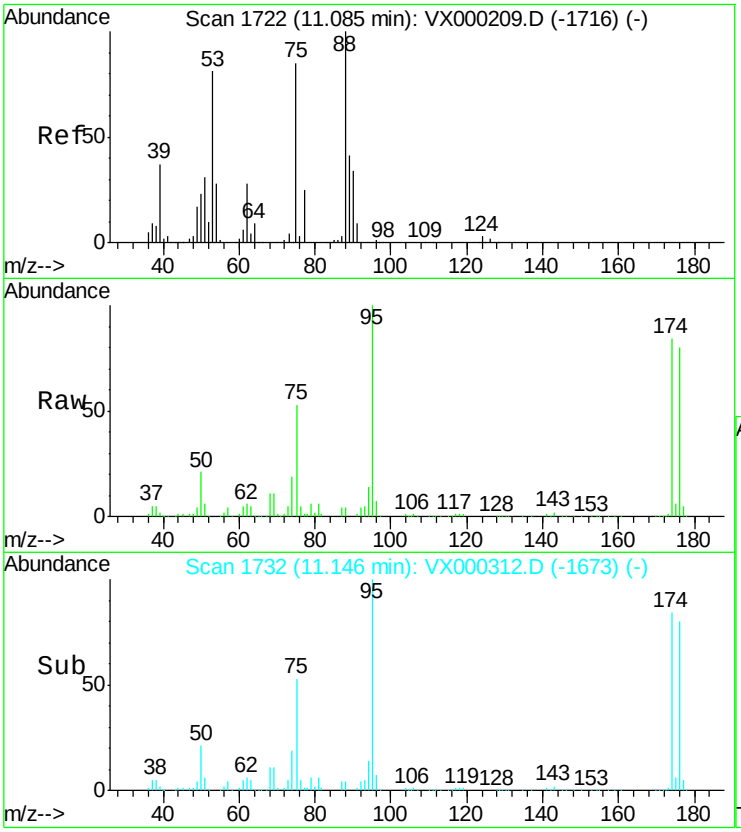


#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:105 Resp: 2242

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.9	74.6



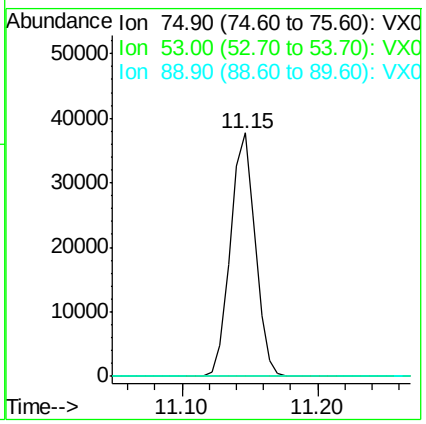


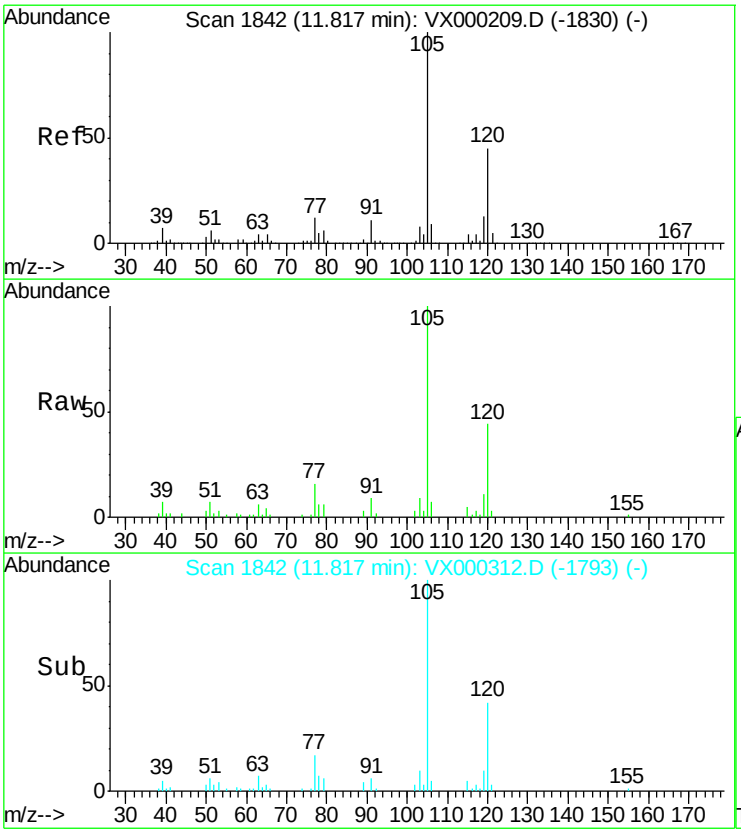
#81
trans-1,4-Dichloro-2-butene
Concen: 68.21 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion: 75 Resp: 47918

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	118.0#
89	0.0	38.8	58.2#

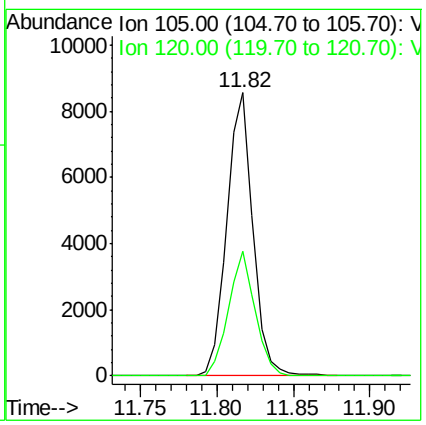


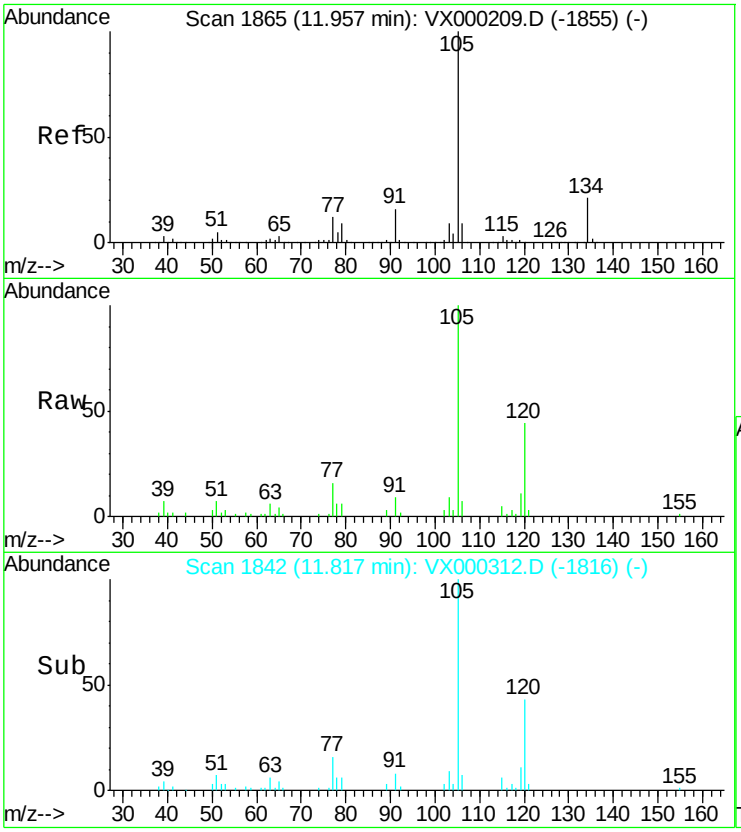


#84
1,2,4-Trimethylbenzene
Concen: 1.75 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:105 Resp: 10109

Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.0	69.0



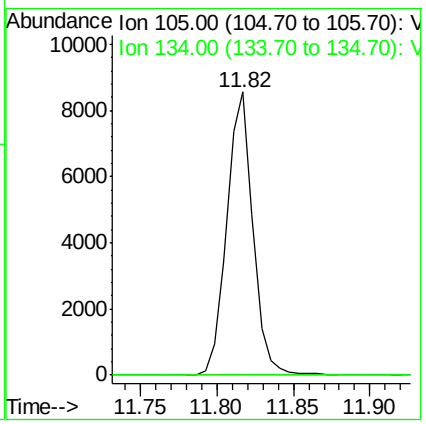


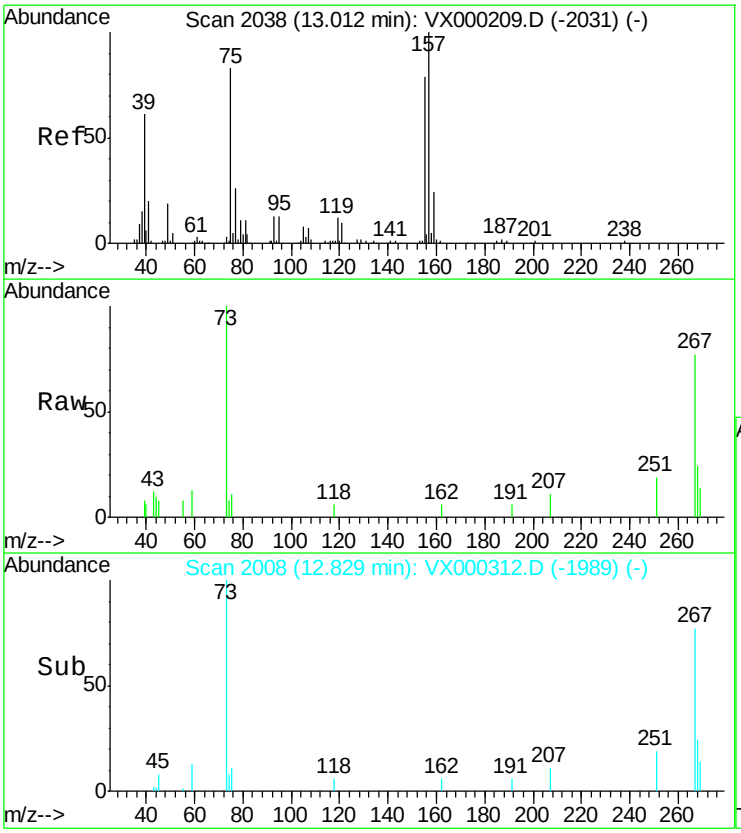
#85
sec-Butylbenzene
Concen: 1.46 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.14 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:105 Resp: 10109

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.9#

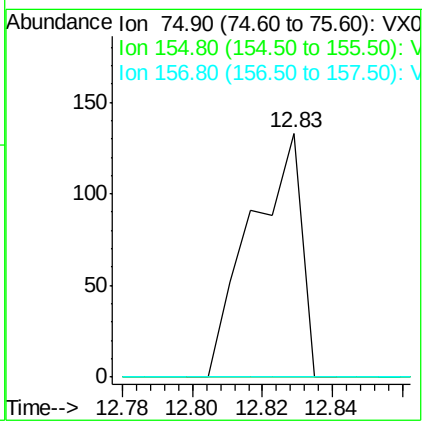


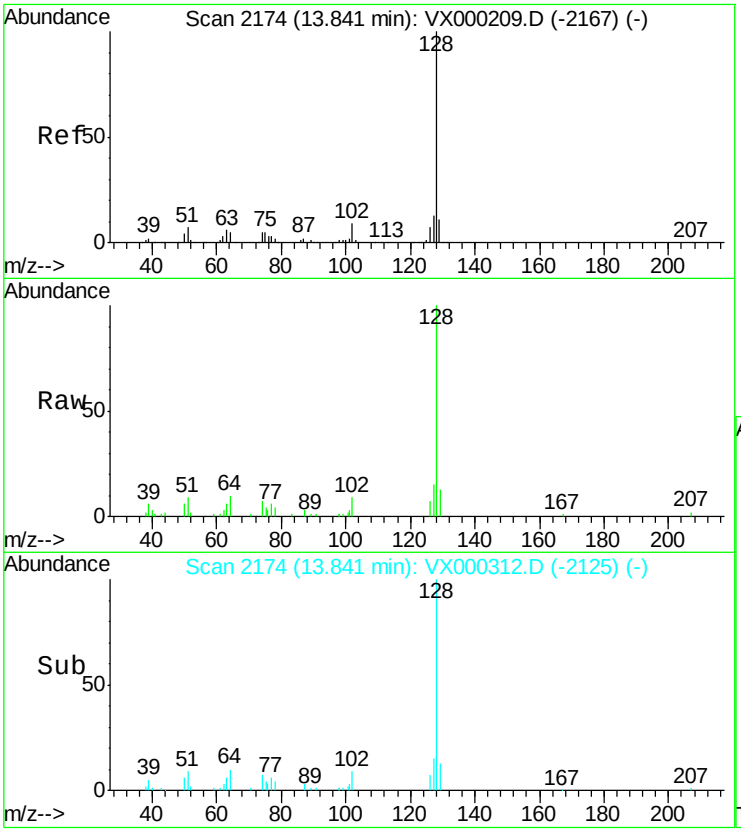


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.20 ug/l
RT: 12.83 min Scan# 2008
Delta R.T. -0.18 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 75 Resp: 133

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.5	136.5#
157	0.0	58.6	175.8#





#95
Naphthalene
Concen: 1.00 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tgt Ion:128 Resp: 8330

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	11.1	8.6	13.0