Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\

Quantitation Report (Not Reviewed)

Data File : VX000535.D
Acq On : 30 Mar 2018 01:46
Operator : JC/MD
Sample : PB107759TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Quant Time: Mar 30 07:02:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	83672	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.28%			
35) Dibromofluoromethane	5.51	113	63850	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.40%			
50) Toluene-d8	8.73	98	262509	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
62) 4-Bromofluorobenzene	11.15	95	89837	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.68%			
Target Compounds						Qvalue
5) Bromomethane	1.67	94	468	0.33	ug/l #	24
6) Chloroethane	1.73	64	181	Below Cal	#	44
10) Methyl Iodide	2.53	142	211	4.41	ug/l #	82
11) Tert butyl alcohol	3.03	59	851	1.66	ug/l #	72
13) Acrolein	2.31	56	53	14.88	ug/l #	1
15) Acrylonitrile	3.17	53	556	0.54	ug/l #	32
16) Acetone	2.45	43	8173	6.59	ug/l	92
17) Carbon Disulfide	2.57	76	1236	0.39	ug/l #	79
18) Methyl Acetate	2.78	43	775	0.30	ug/l #	51
20) Methylene Chloride	2.86	84	1390	0.97	ug/l #	91
25) 2-Butanone	4.73	43	1237	0.89	ug/l #	88
29) Tetrahydrofuran	5.20	42	531	0.62	ug/l #	38
31) Cyclohexane	5.65	56	948	0.50	ug/l #	68
36) 1,1-Dichloropropene	5.67	75	9050	4.69	ug/l #	51
38) Carbon Tetrachloride	5.67	117	11265	5.57	ug/l #	17
43) Isopropyl Acetate	6.48	43	1603	0.41	ug/l #	84
51) 4-Methyl-2-Pentanone	8.66	43	1216	0.40	ug/l #	59
60) Dibromochloromethane	9.33	129	79	4.15	ug/l #	12
74) N-amyl acetate	6.48	43	1603	Below Cal	#	98
76) 1,2,3-Trichloropropane	11.15	75	52086	22.41	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	52086	72.57	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.66	180	671	0.26	ug/l	81
94) Hexachlorobutadiene	13.79	225	229	0.22	ug/l	88

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

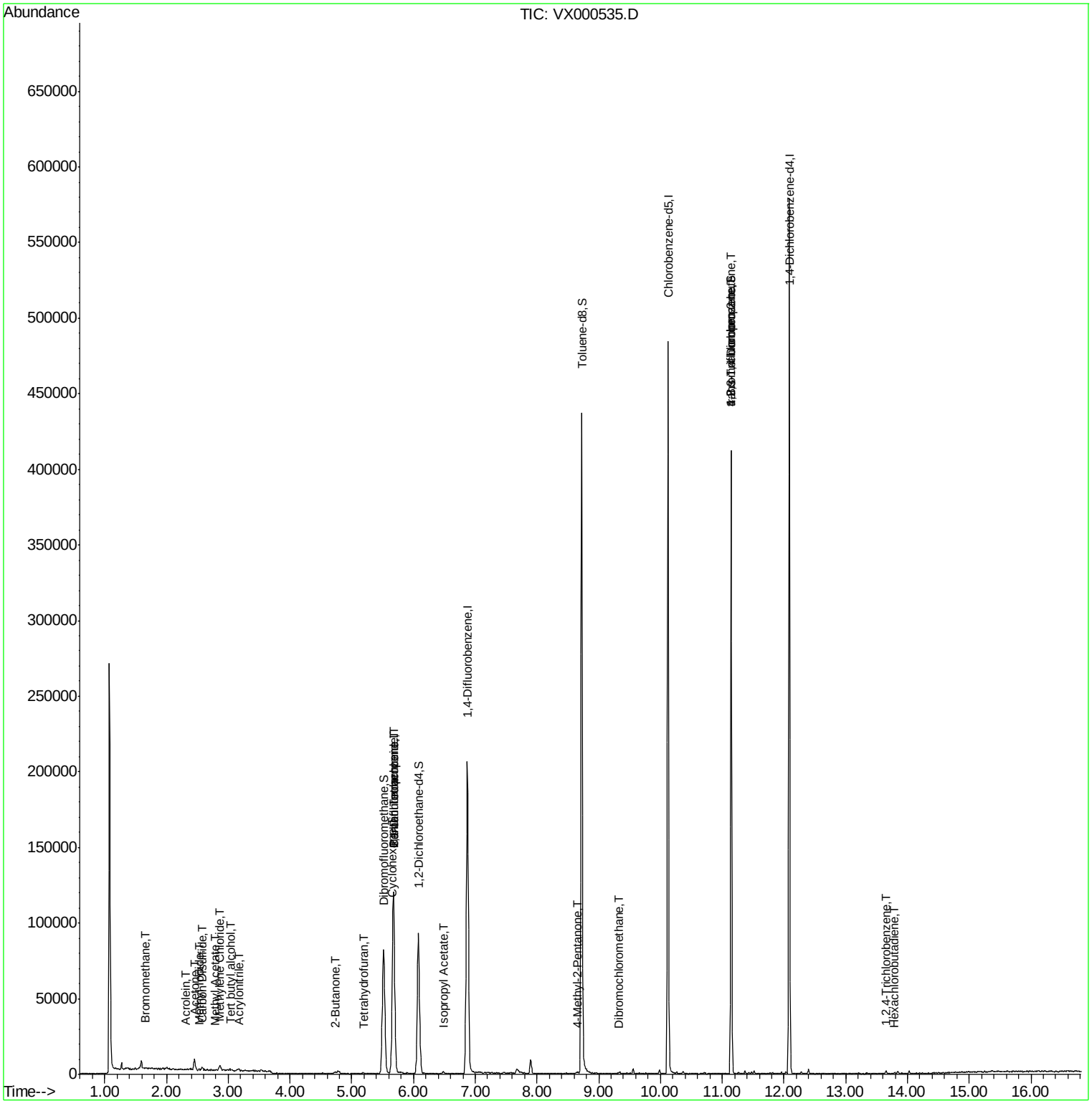
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\

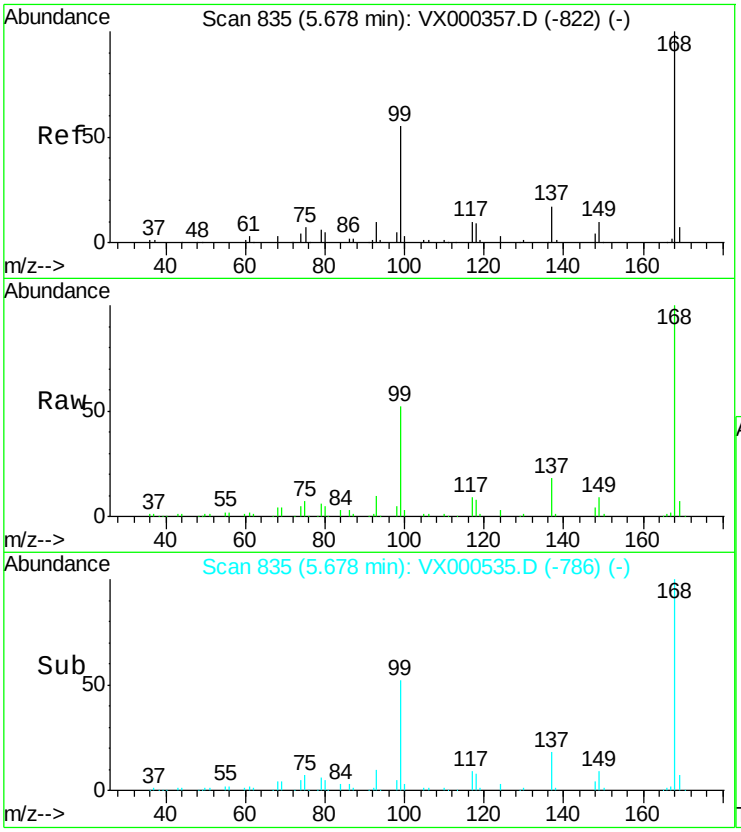
Quantitation Report (Not Reviewed)

Data File : VX000535.D
Acq On : 30 Mar 2018 01:46
Operator : JC/MD
Sample : PB107759TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Quant Time: Mar 30 07:02:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



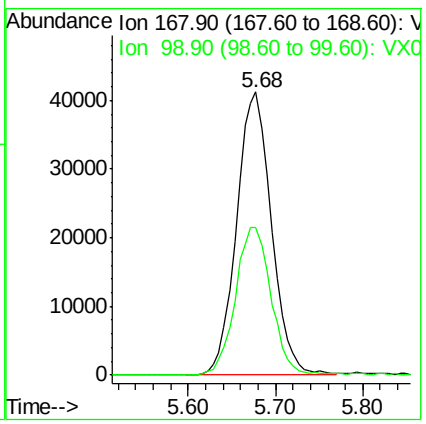


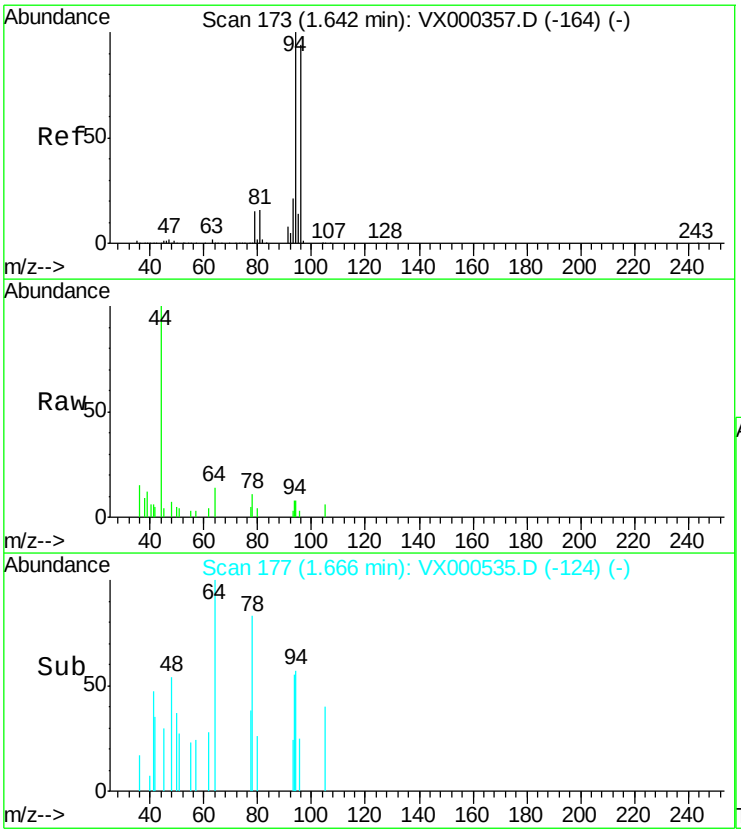
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion:168 Resp: 114174

Ion	Ratio	Lower	Upper
168	100		
99	52.3	45.8	68.6

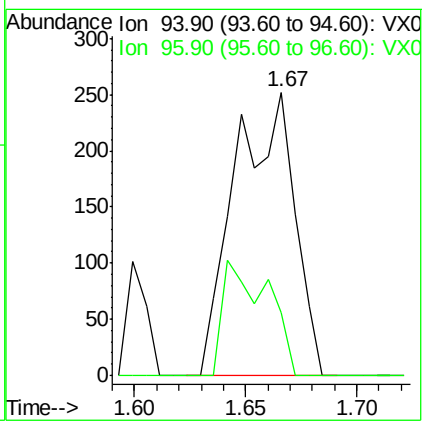


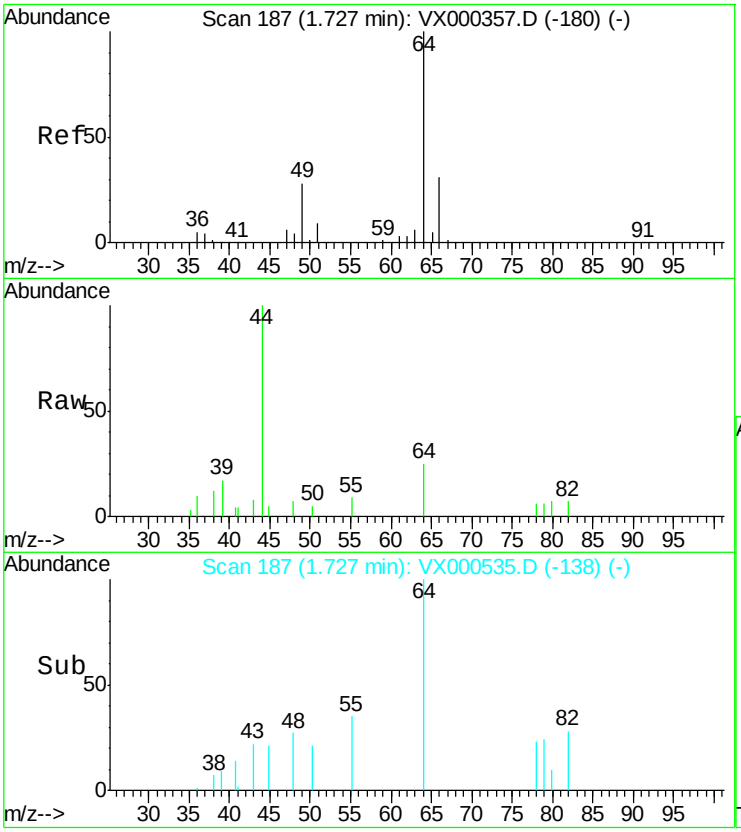


#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 94 Resp: 468

Ion	Ratio	Lower	Upper
94	100		
96	22.2	77.7	116.5#



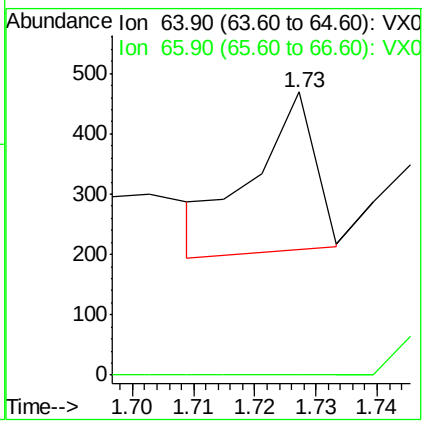


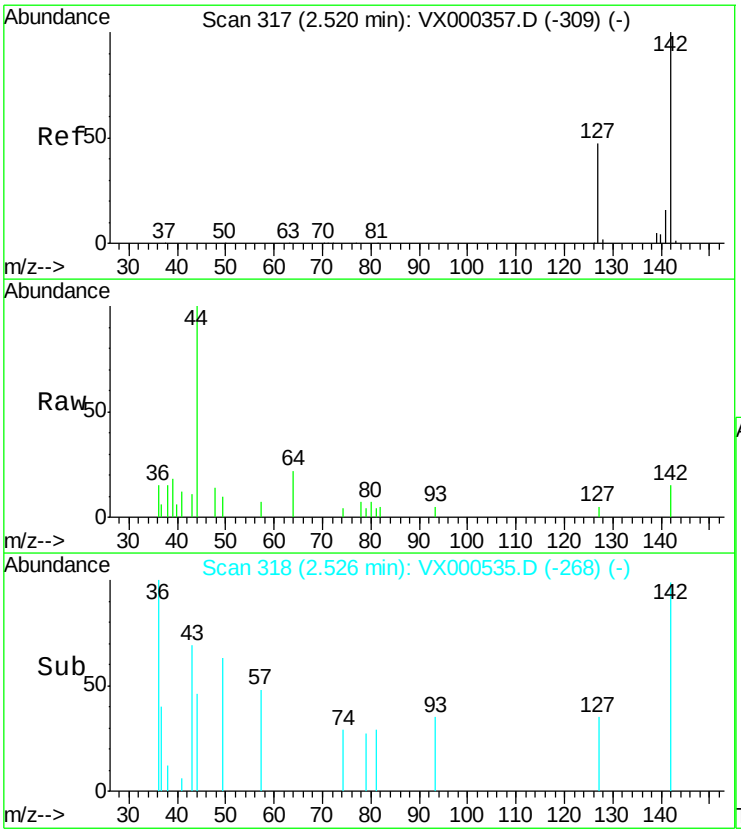
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 64 Resp: 181

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

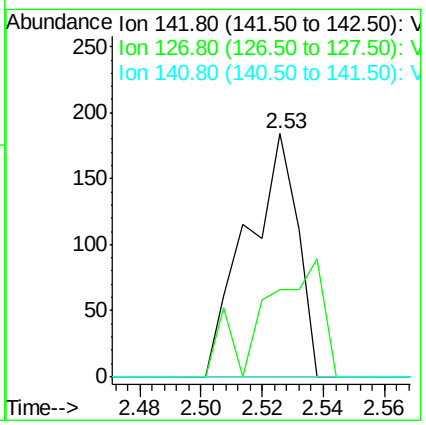


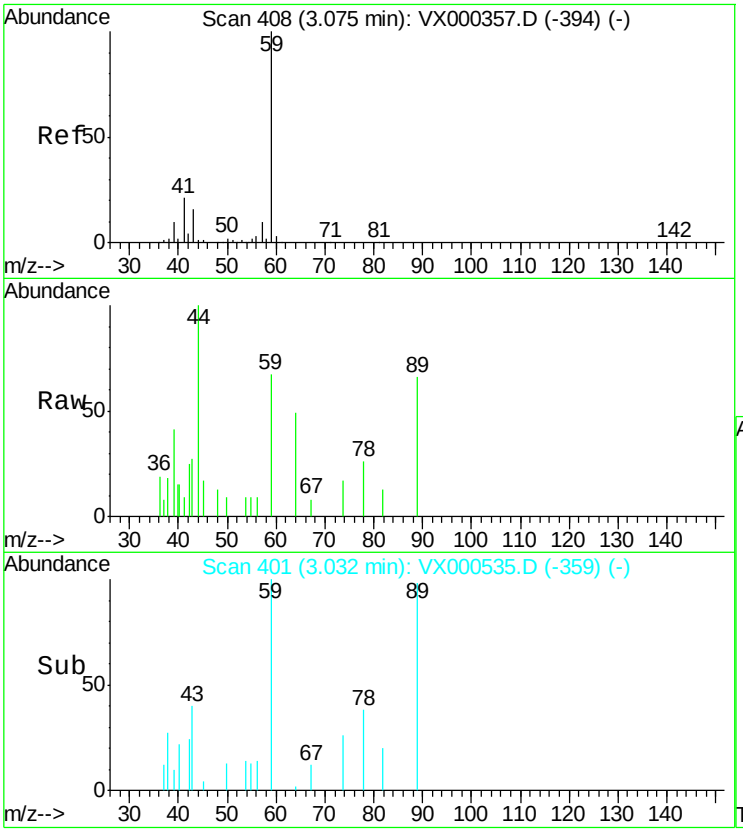


#10
Methyl Iodide
Concen: 4.41 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion:142 Resp: 211

Ion	Ratio	Lower	Upper
142	100		
127	57.3	39.2	58.8
141	0.0	11.7	17.5#



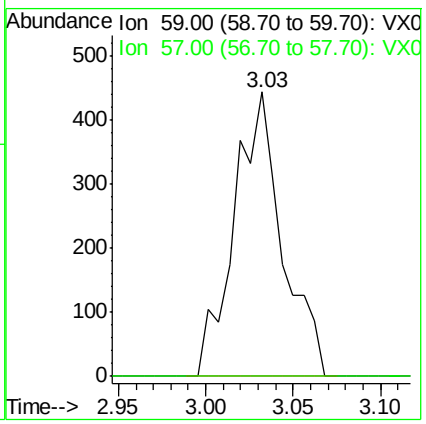


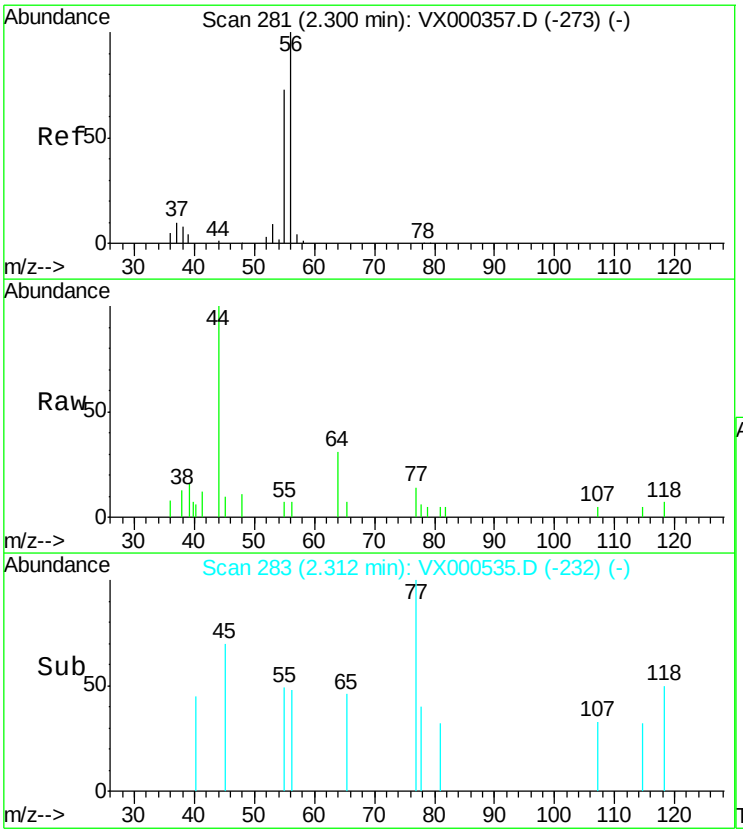
#11
Tert butyl alcohol
Concen: 1.66 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion: 59 Resp: 851

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

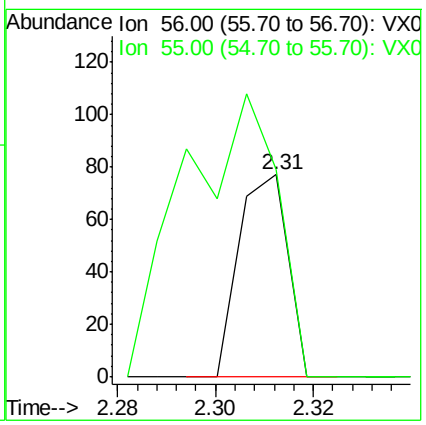


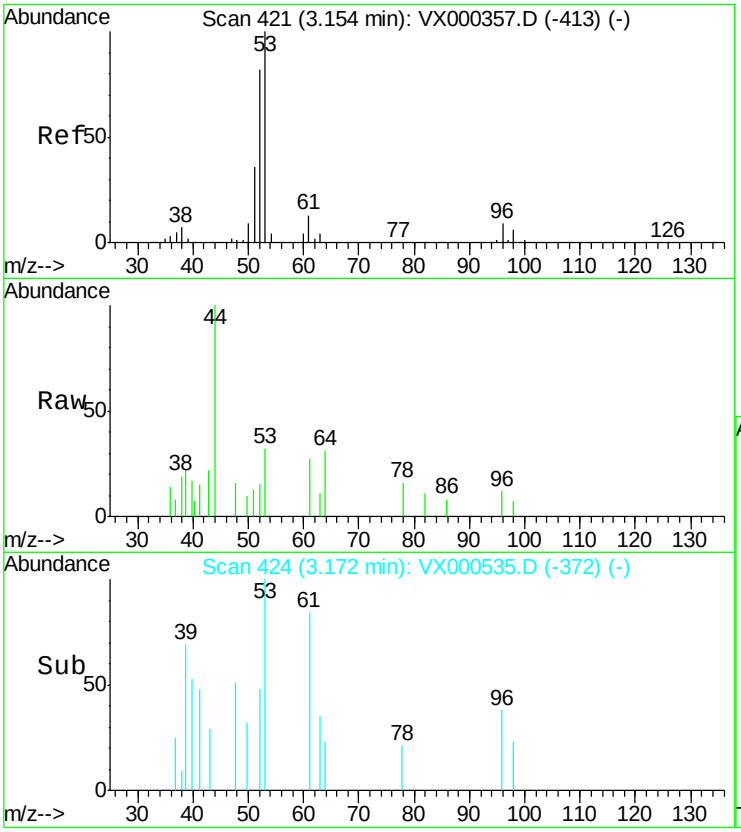


#13
Acrolein
Concen: 14.88 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 56 Resp: 53

Ion	Ratio	Lower	Upper
56	100		
55	271.7	58.8	88.2#



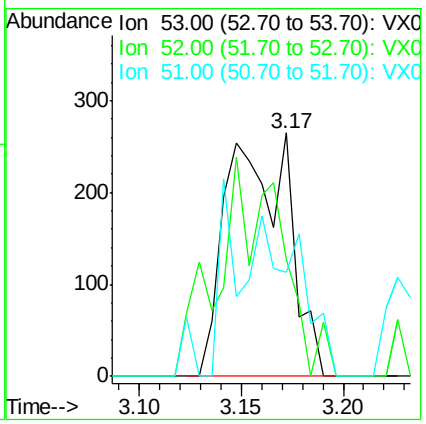


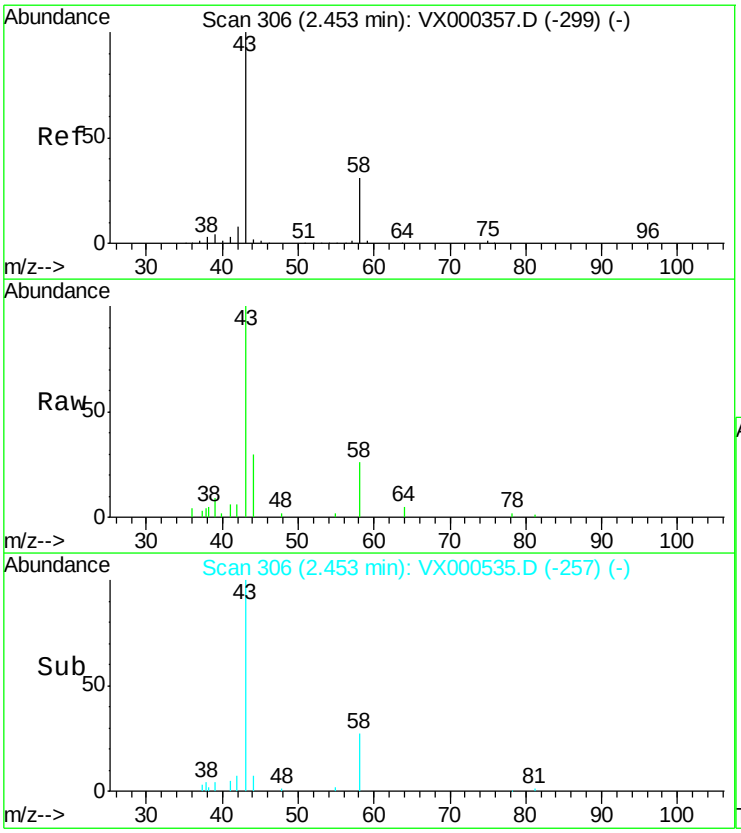
#15
Acrylonitrile
Concen: 0.54 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.02 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion: 53 Resp: 556

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	45.1	29.3	43.9#

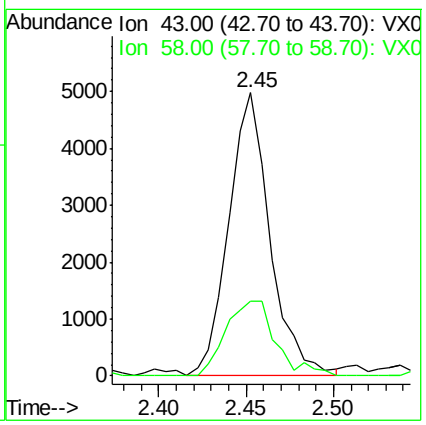


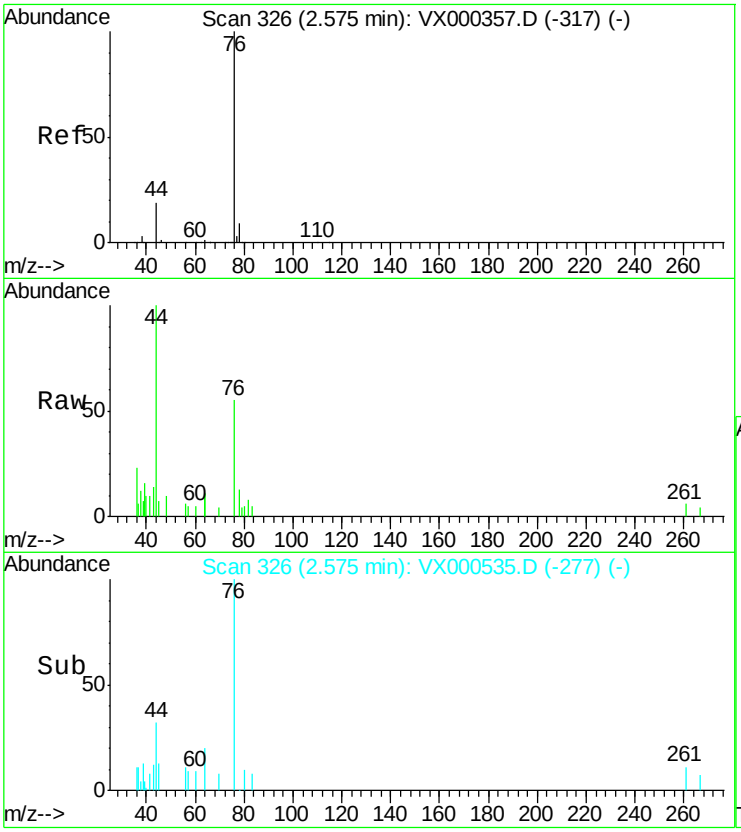


#16
Acetone
Concen: 6.59 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 43 Resp: 8173

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.7	37.1



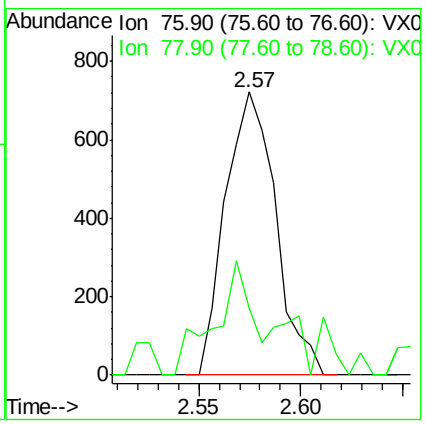


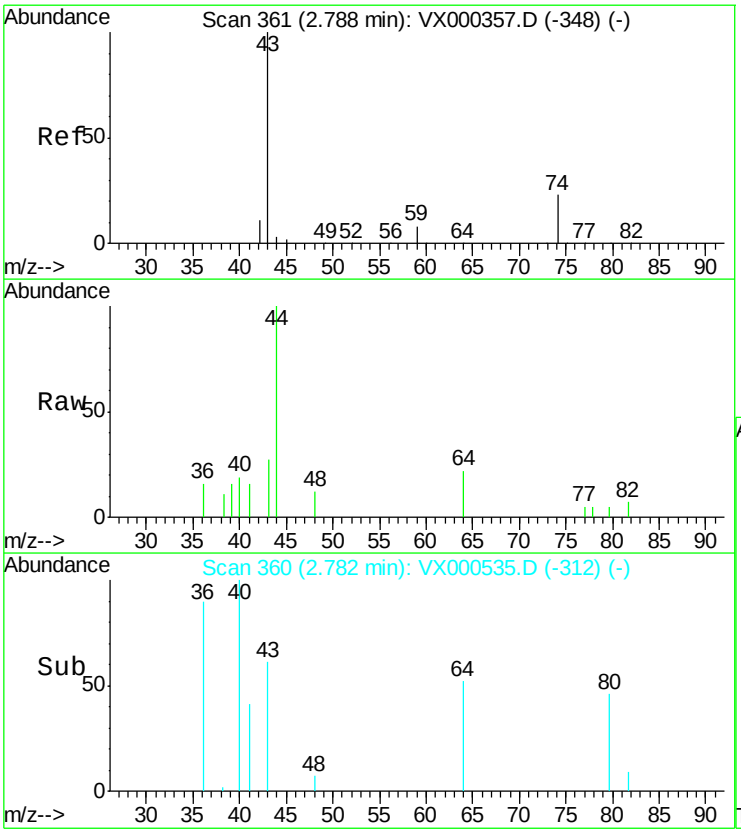
#17
Carbon Disulfide
Concen: 0.39 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 76 Resp: 1236

Ion	Ratio	Lower	Upper
76	100		
78	16.2	7.0	10.6#

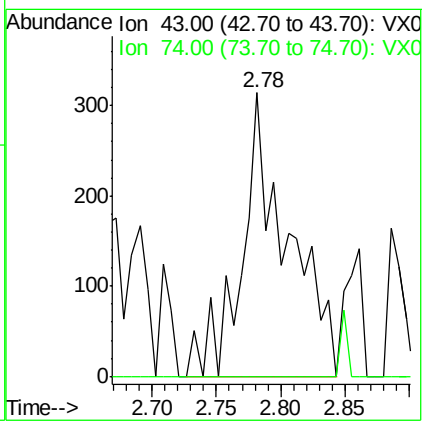


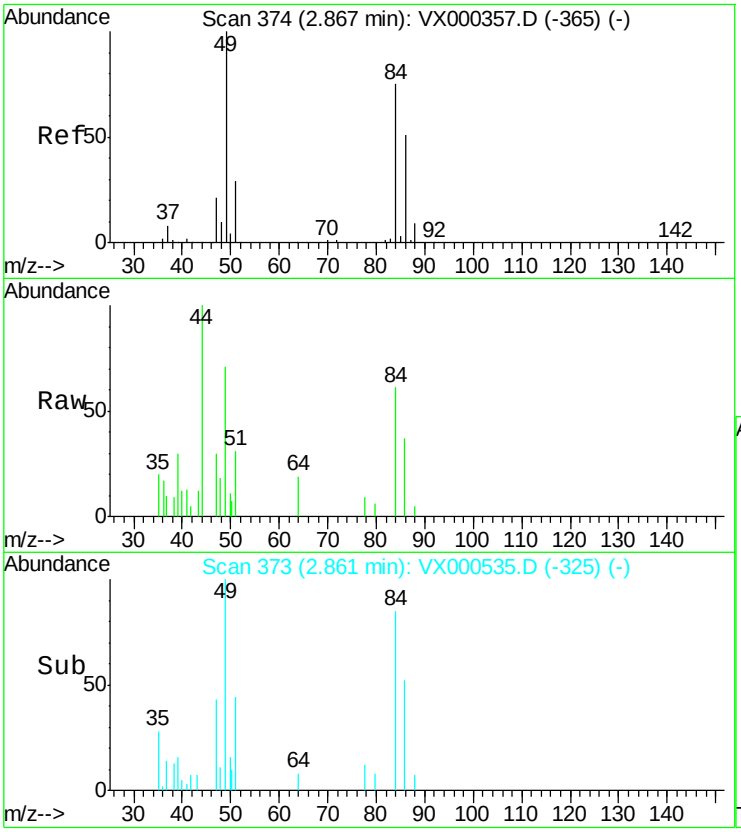


#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 43 Resp: 775

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



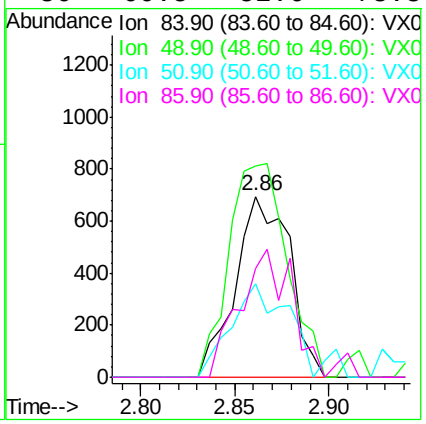


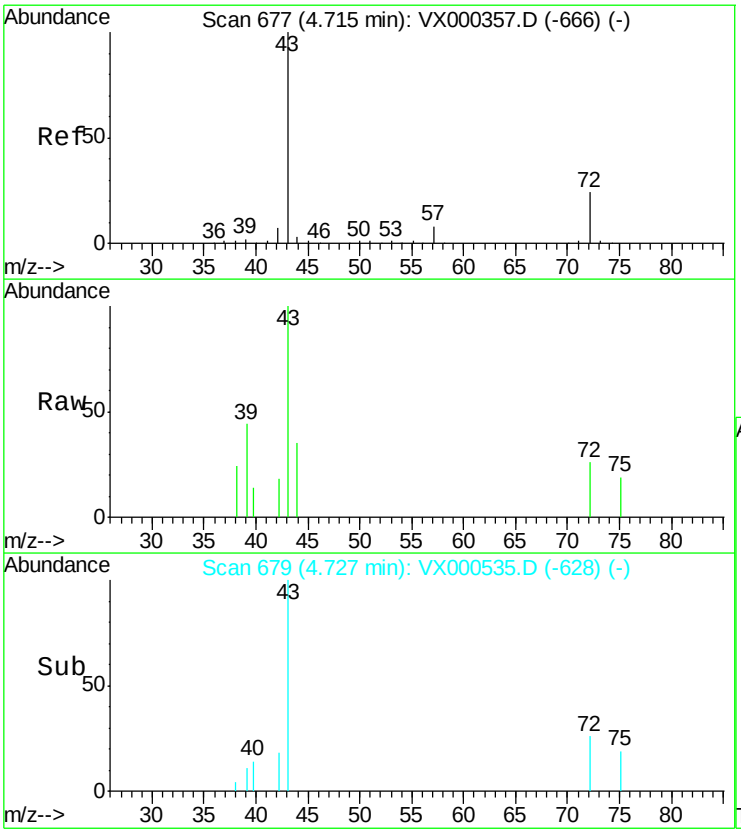
#20
Methylene Chloride
Concen: 0.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion: 84 Resp: 1390

Ion	Ratio	Lower	Upper
84	100		
49	117.0	100.6	151.0
51	51.4	31.6	47.4#
86	60.5	52.6	78.8

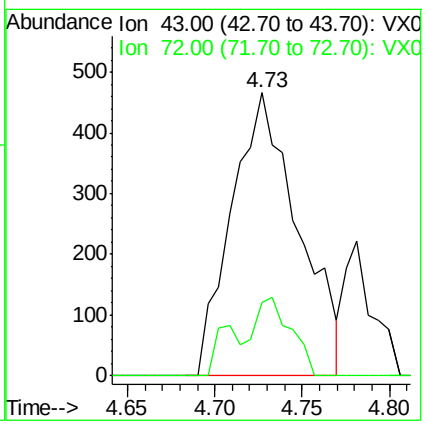


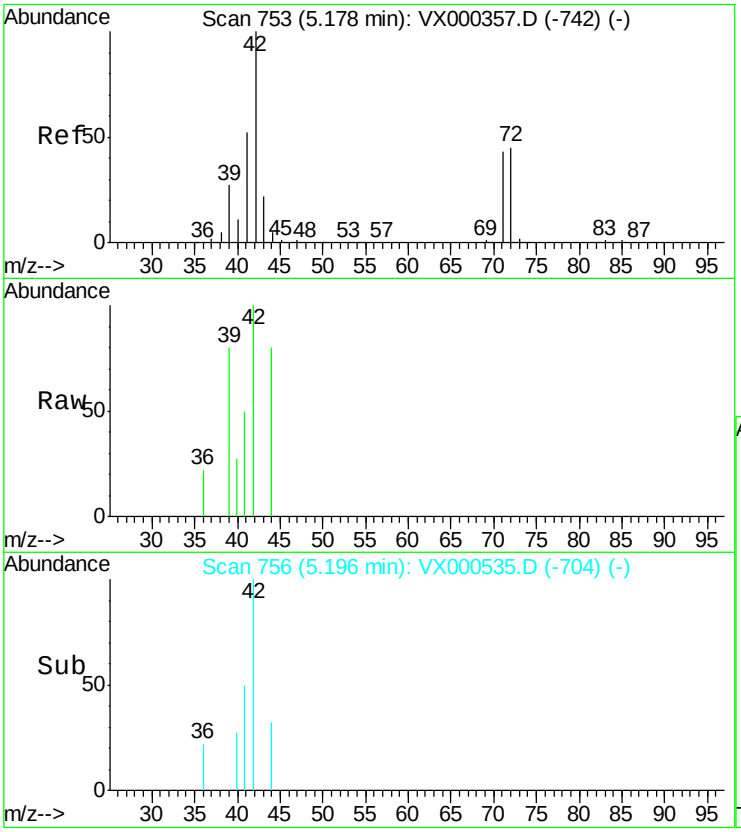


#25
2-Butanone
Concen: 0.89 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 43 Resp: 1237

Ion	Ratio	Lower	Upper
43	100		
72	32.3	21.0	31.6#



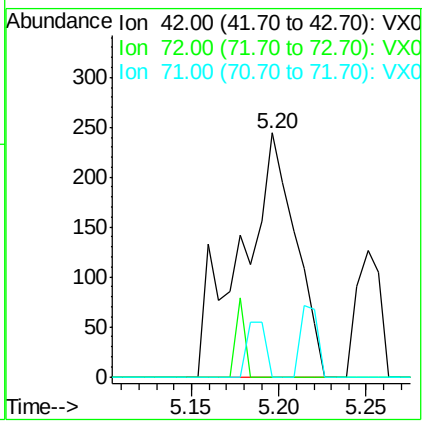


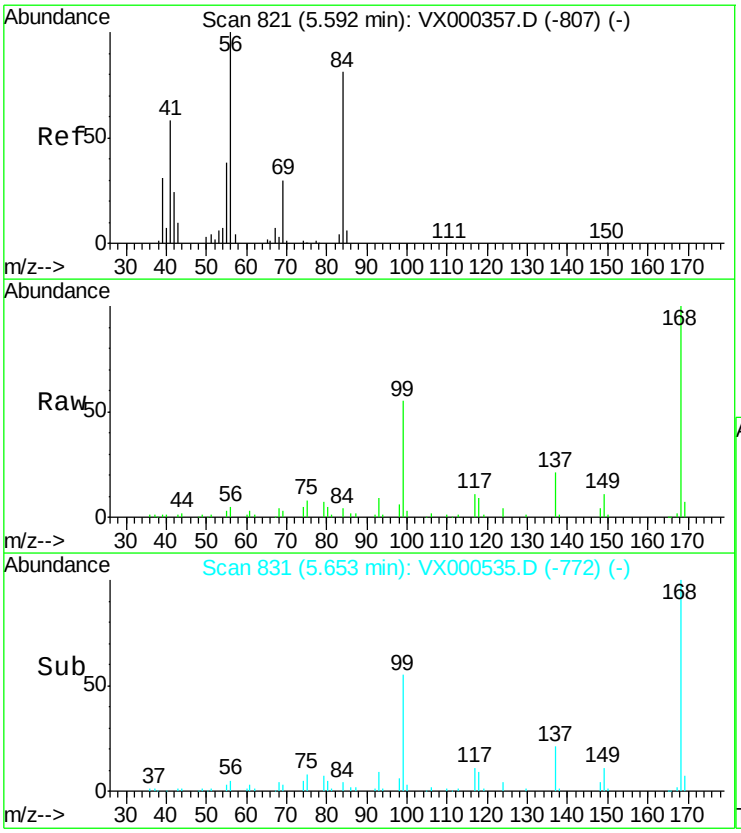
#29
Tetrahydrofuran
Concen: 0.62 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 42 Resp: 531

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.9	56.9#
71	9.4	34.4	51.6#

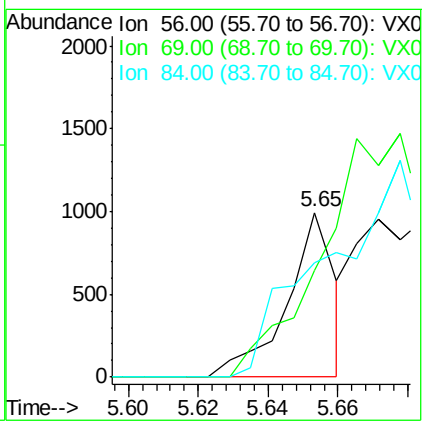


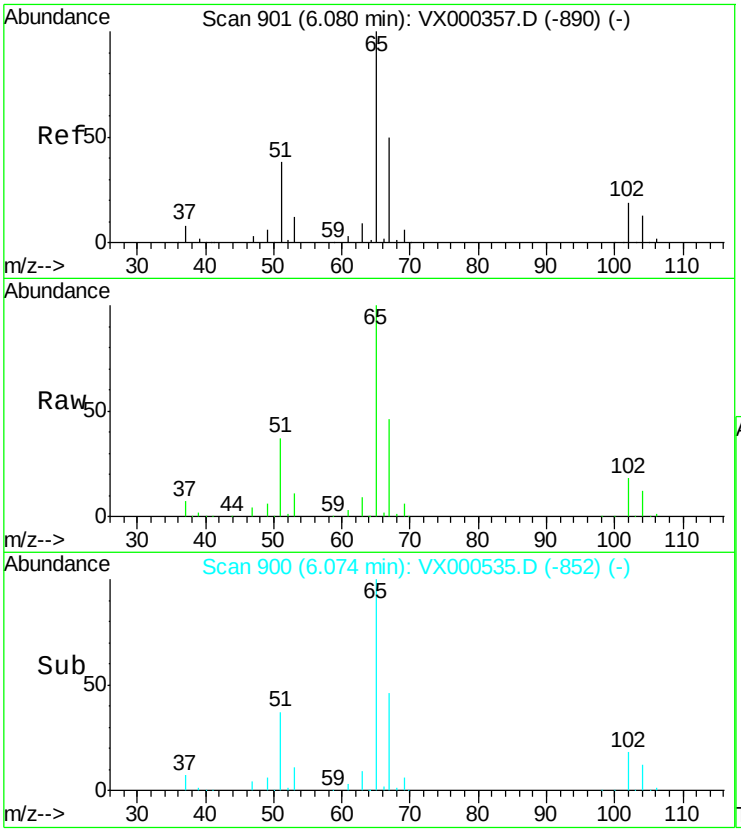


#31
Cyclohexane
Concen: 0.50 ug/l
RT: 5.65 min Scan# 831
Delta R.T. 0.06 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 56 Resp: 948

Ion	Ratio	Lower	Upper
56	100		
69	65.0	23.4	35.0#
84	69.3	71.0	106.4#



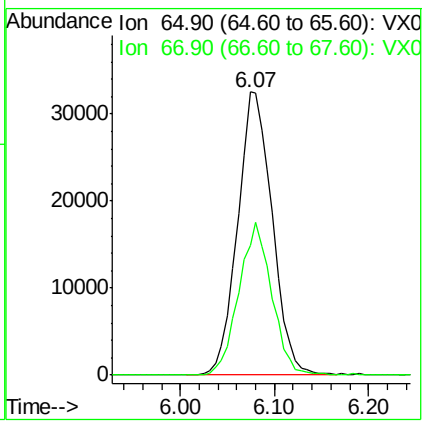


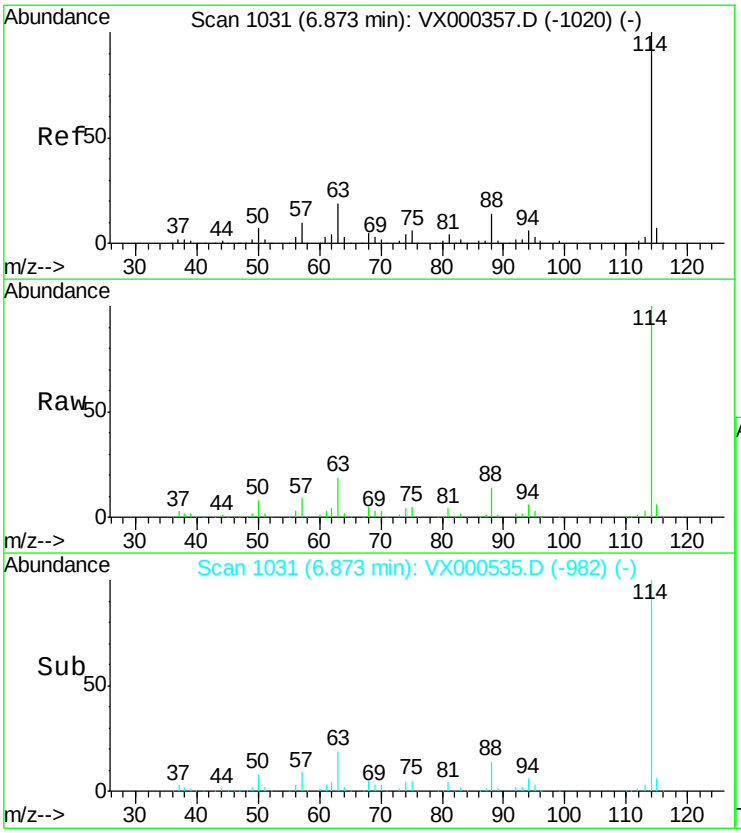
#33
1,2-Dichloroethane-d4
Concen: 56.14 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 65 Resp: 83672

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

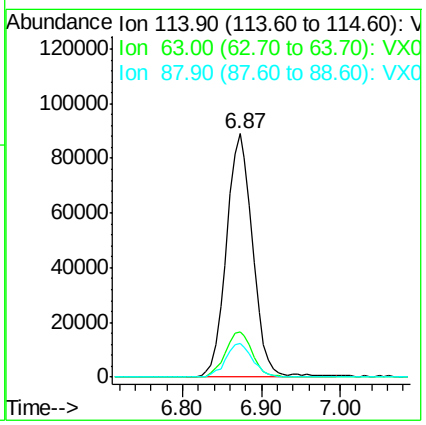


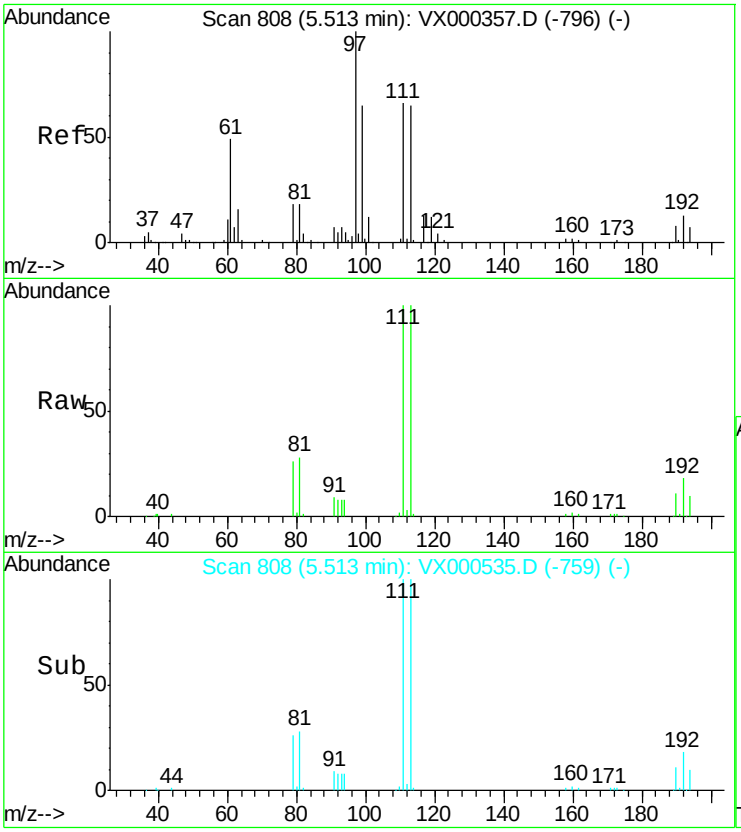


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion:114 Resp: 205971

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	13.8	0.0	27.0



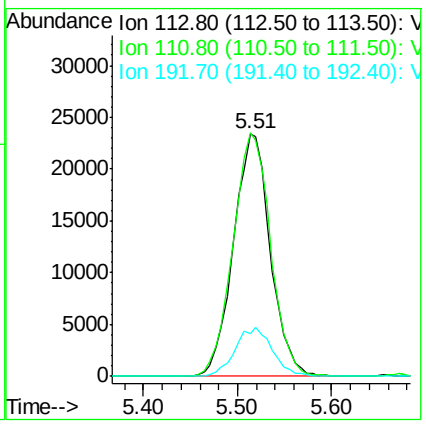


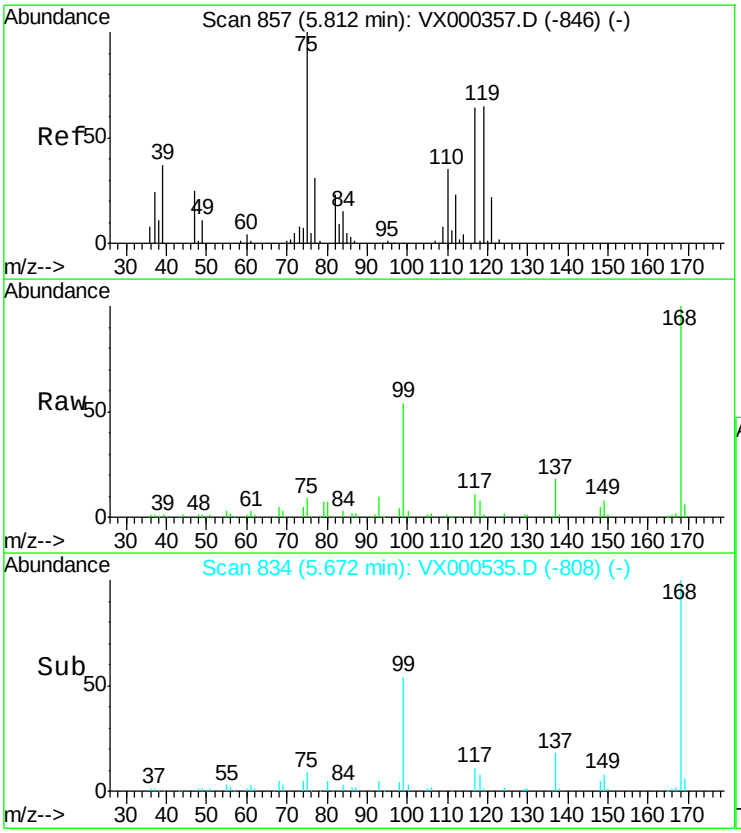
#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion:113 Resp: 63850

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	20.3	15.8	23.6

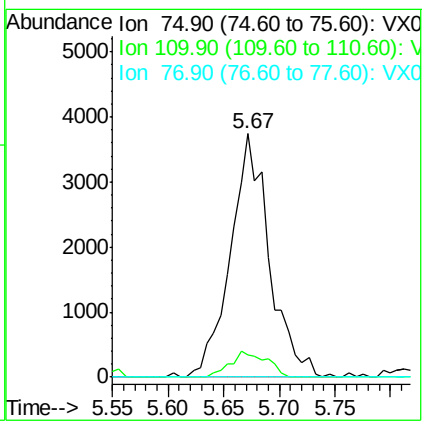


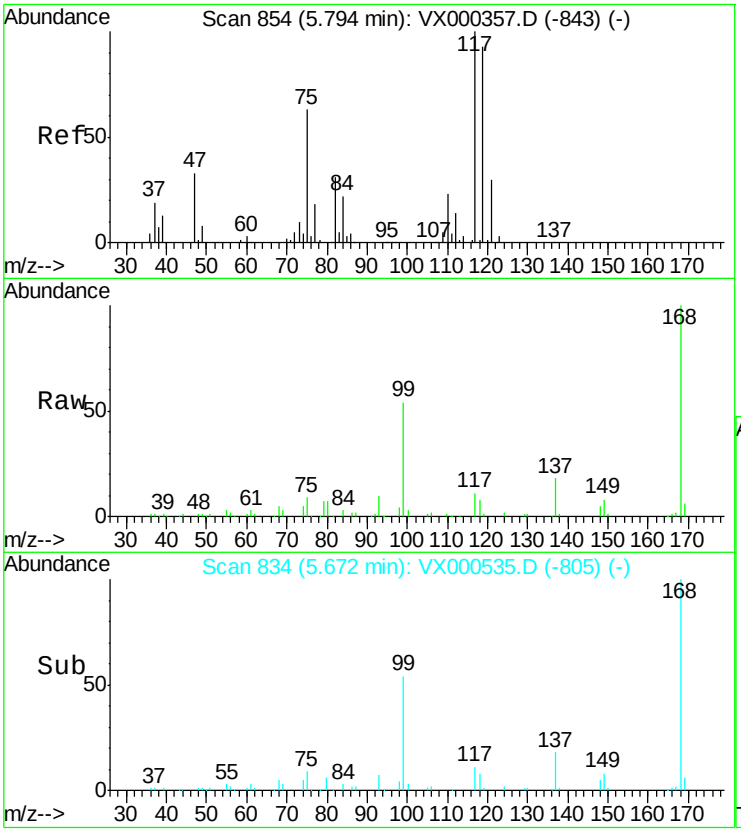


#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 75 Resp: 9050

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.9	53.7#
77	0.0	24.0	36.0#



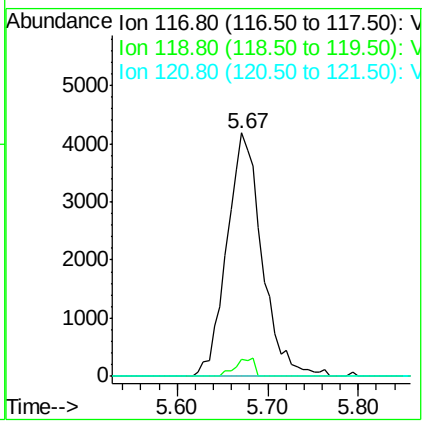


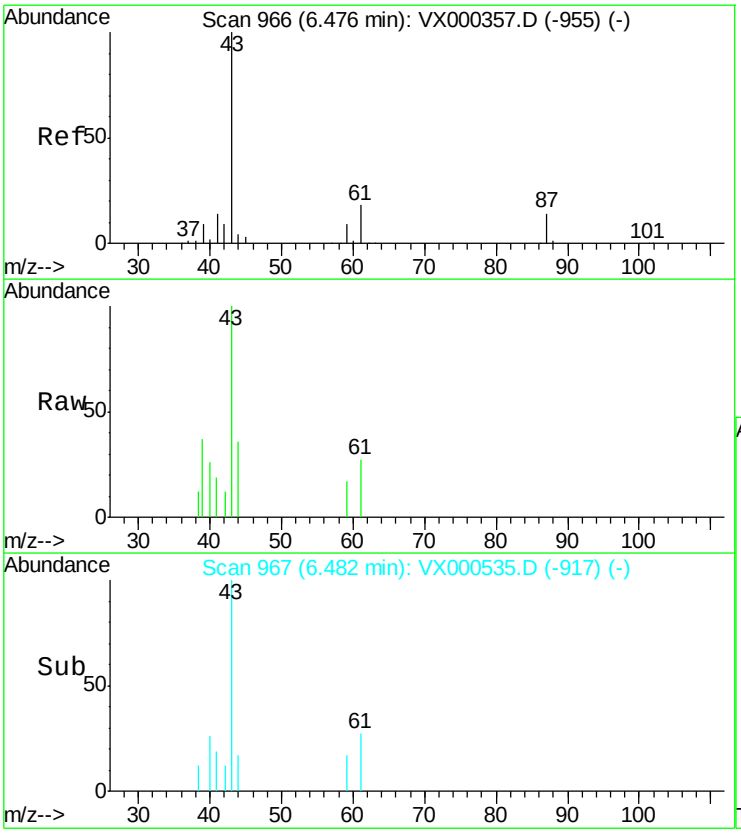
#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion:117 Resp: 11265

Ion	Ratio	Lower	Upper
117	100		
119	7.1	77.4	116.2#
121	0.0	24.8	37.2#

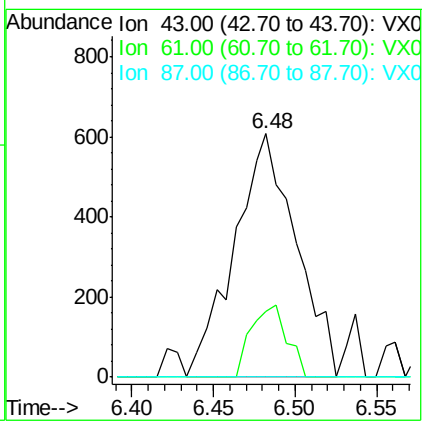


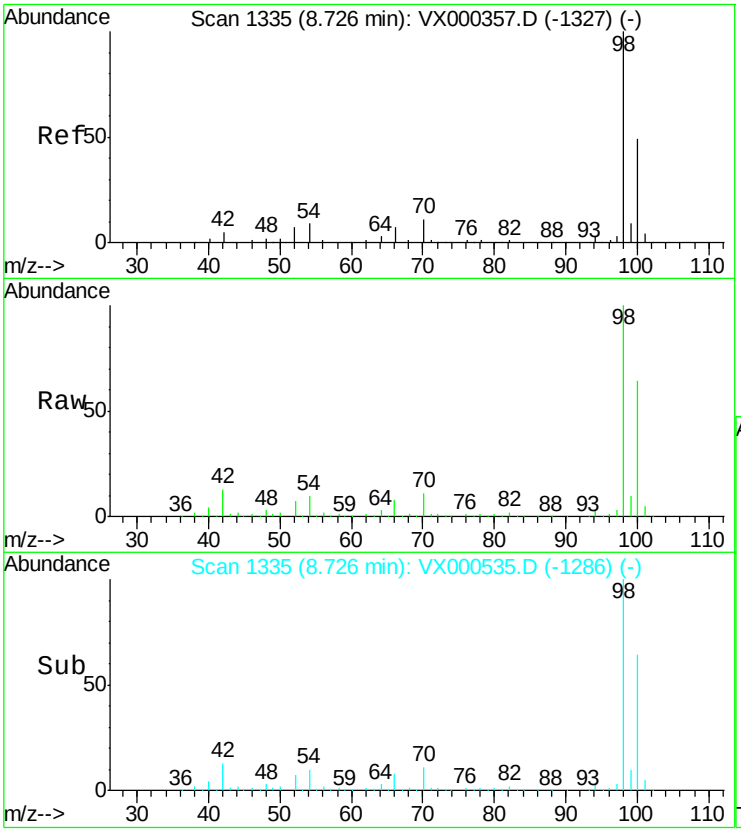


#43
Isopropyl Acetate
Concen: 0.41 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 43 Resp: 1603

Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.4	21.6
87	0.0	11.0	16.4#



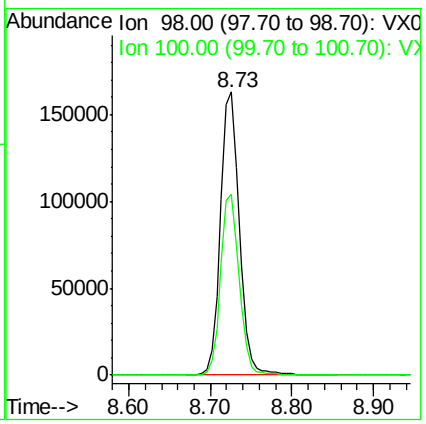


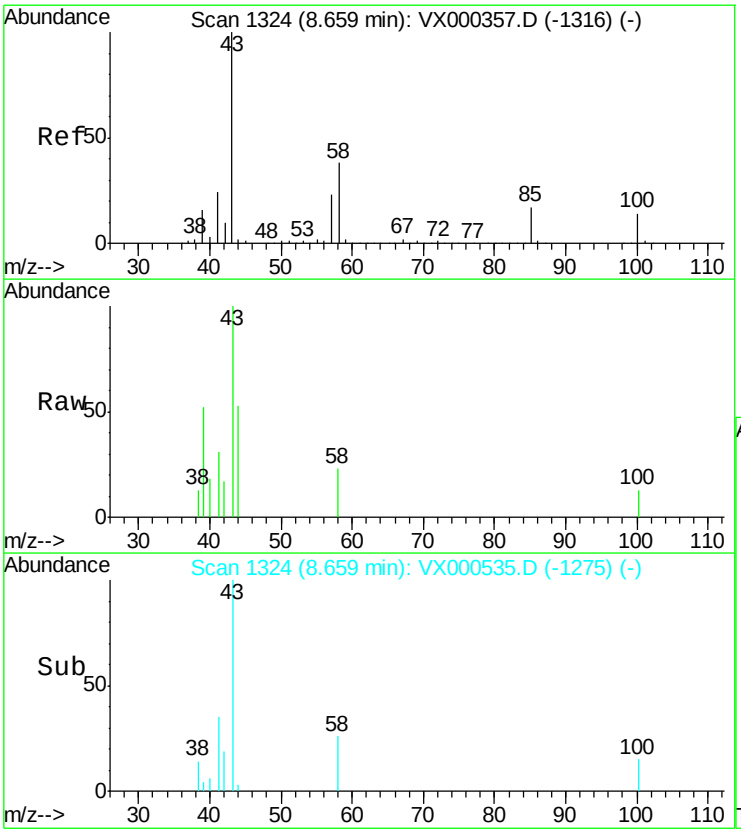
#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 98 Resp: 262509

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.2	76.8

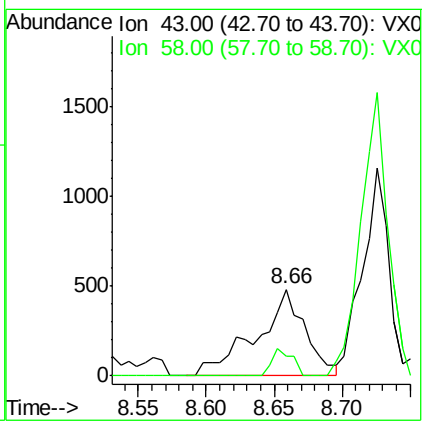


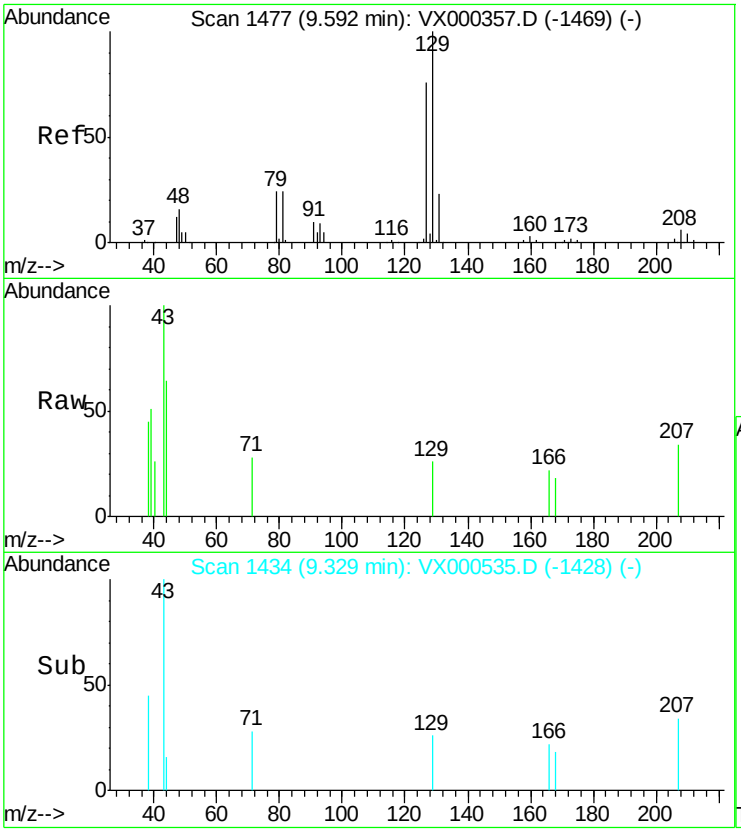


#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 43 Resp: 1216

Ion	Ratio	Lower	Upper
43	100		
58	13.1	30.3	45.5#



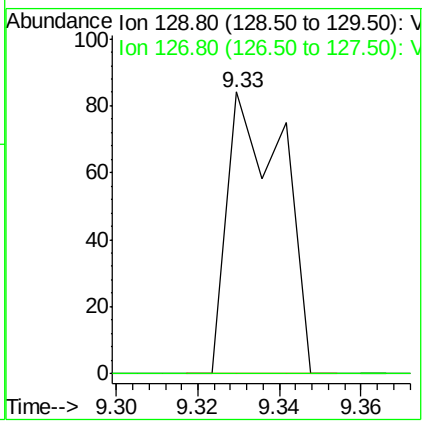


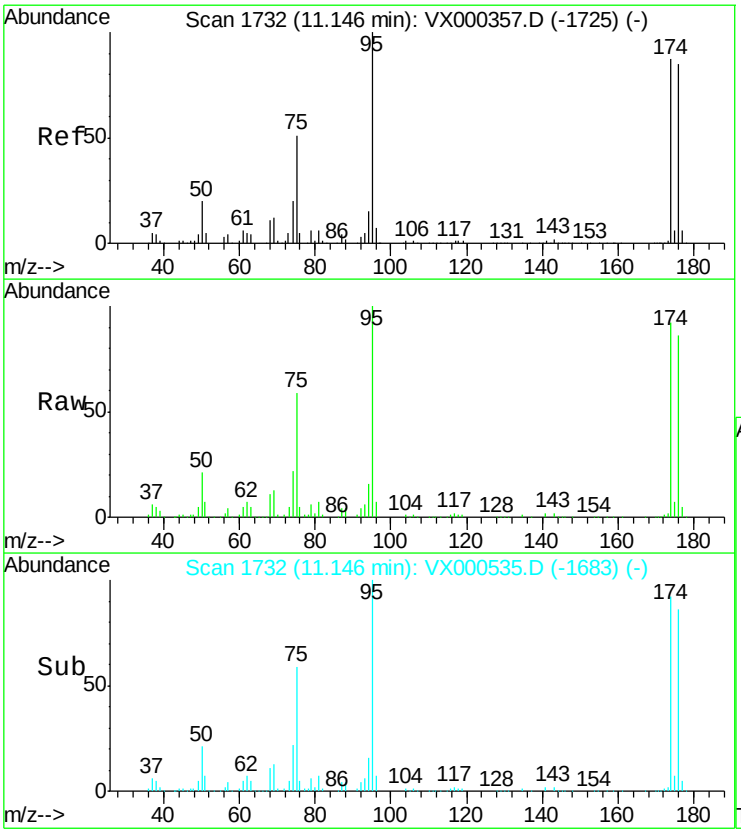
#60
Dibromochloromethane
Concen: 4.15 ug/l
RT: 9.33 min Scan# 1434
Delta R.T. -0.26 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion:129 Resp: 79

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#

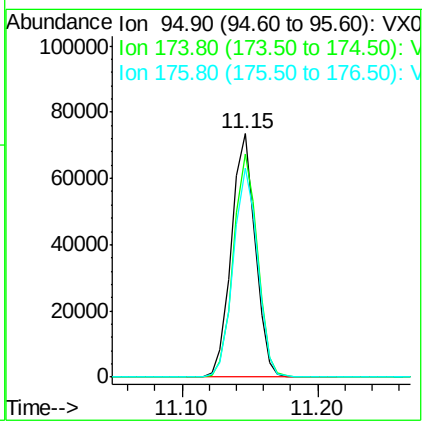


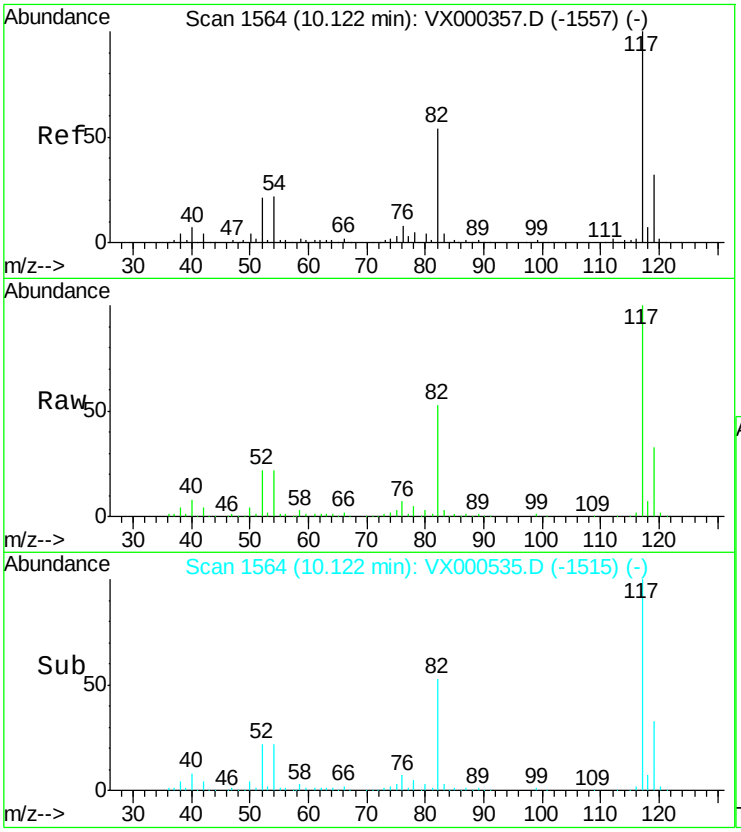


#62
4-Bromofluorobenzene
Concen: 40.84 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 95 Resp: 89837

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	173.6
176	87.3	0.0	164.6



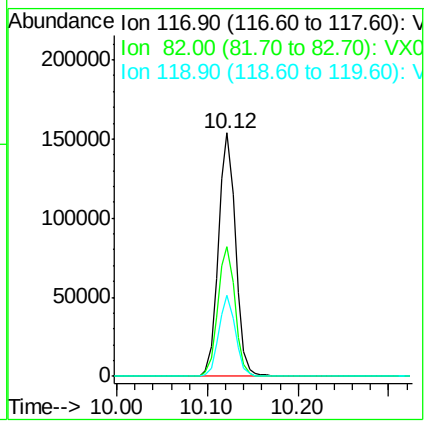


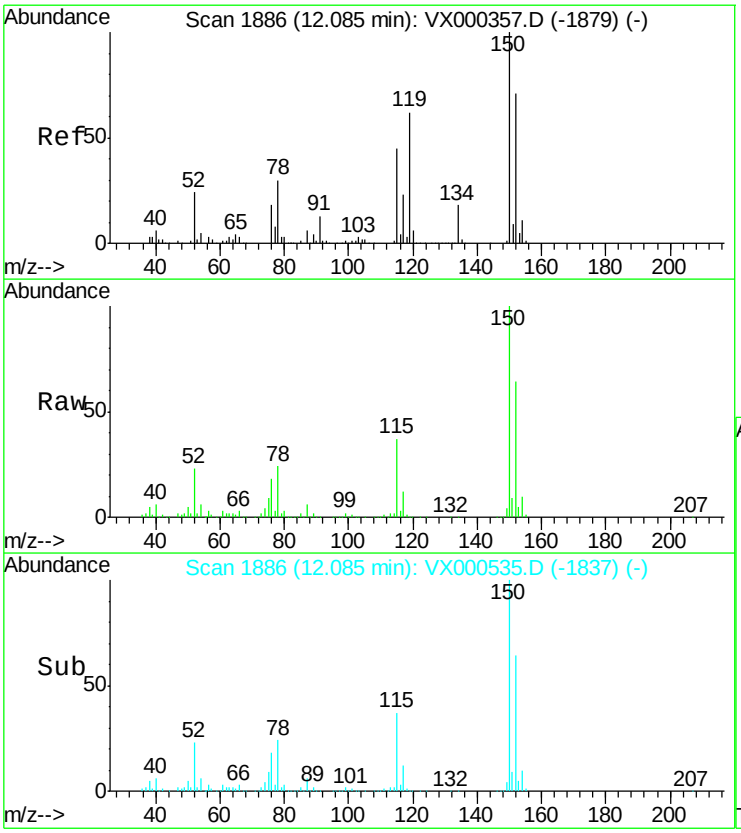
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion:117 Resp: 204355

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	33.2	24.9	37.3

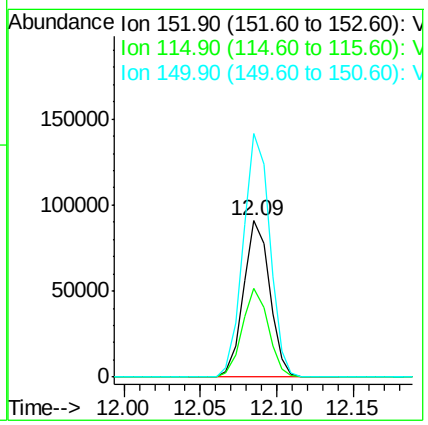


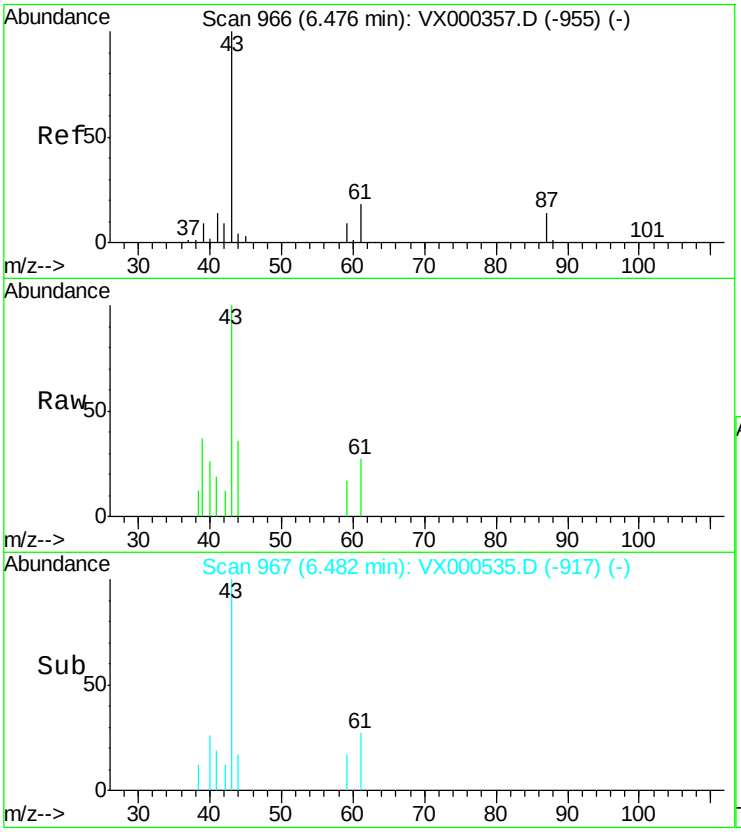


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion:152 Resp: 108130

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.8	119.3
150	158.3	0.0	344.4



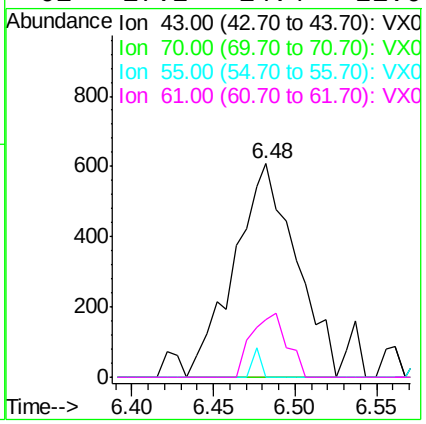


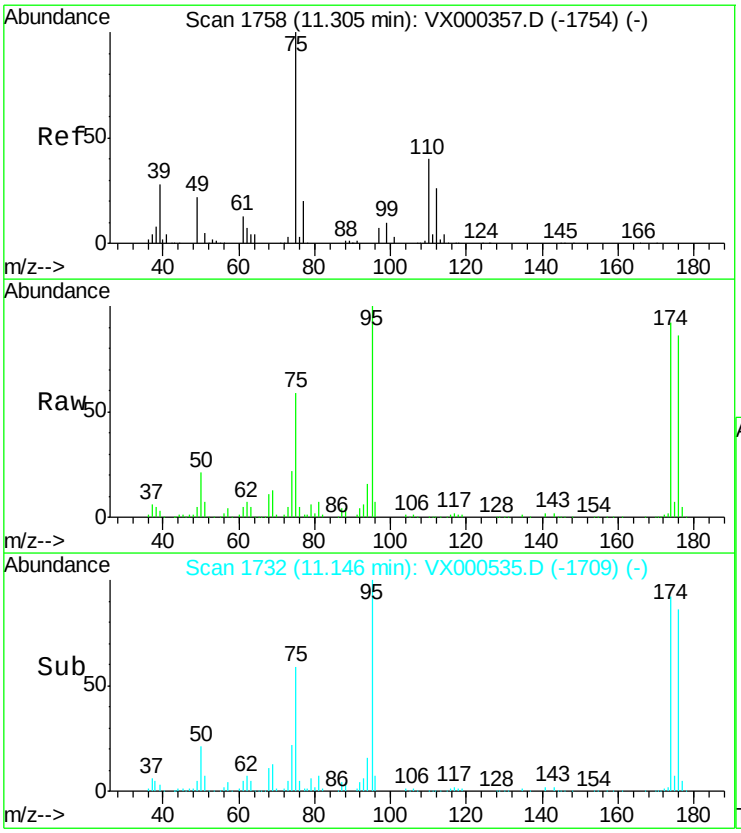
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument : MSVOA_X
ClientSampleId : PB107759TB

Tgt Ion: 43 Resp: 1603

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	1.9	0.0	0.0#
61	17.2	14.4	21.6

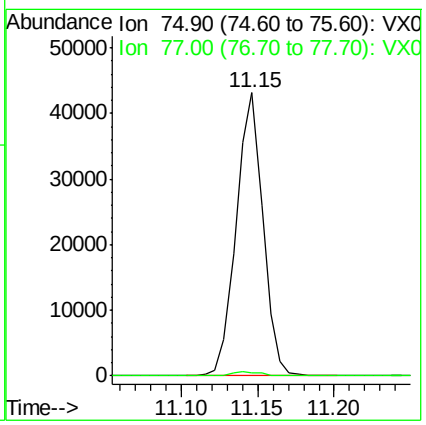


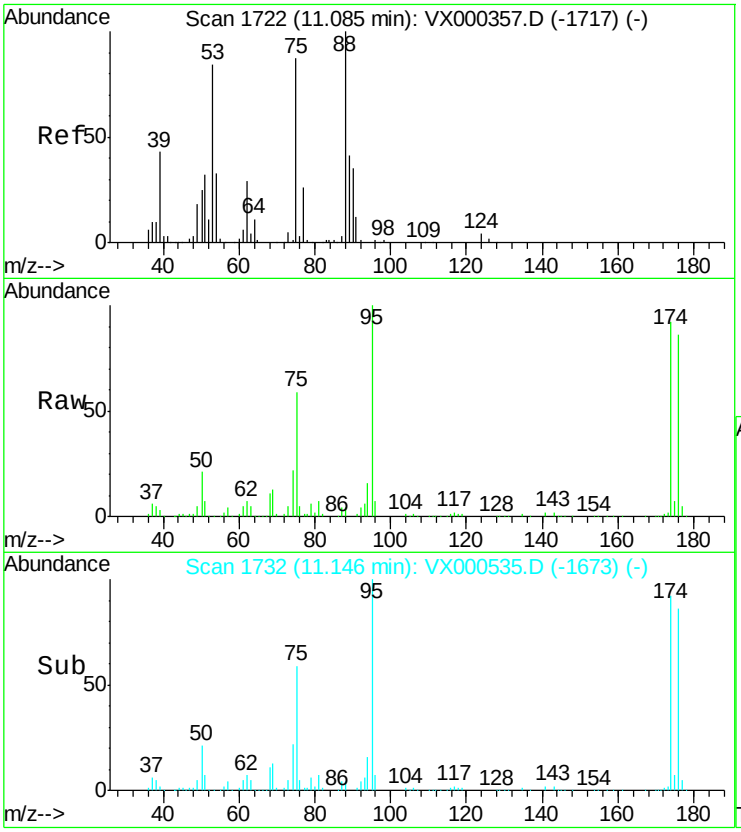


#76
1,2,3-Trichloropropane
Concen: 22.41 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion: 75 Resp: 52086

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.2#



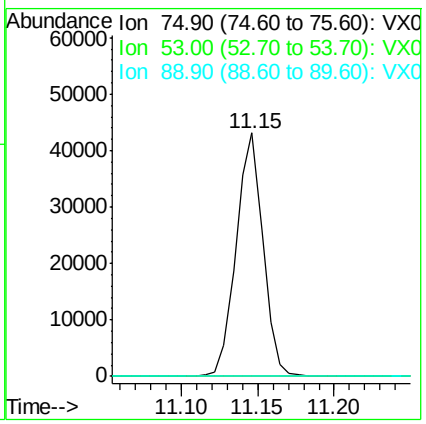


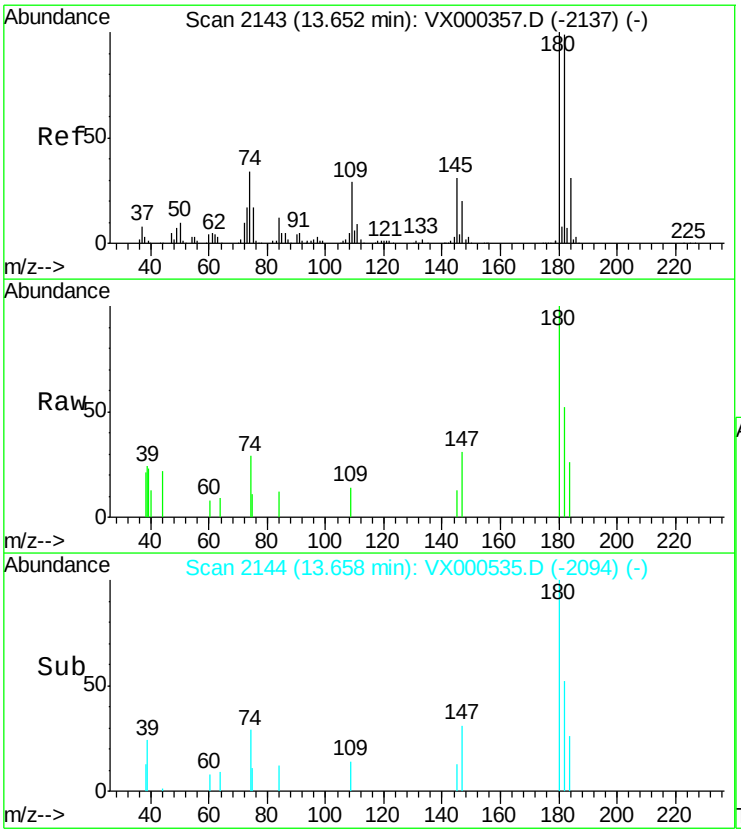
#81
trans-1,4-Dichloro-2-butene
Concen: 72.57 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion: 75 Resp: 52086

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.7	121.1#
89	0.0	39.4	59.0#

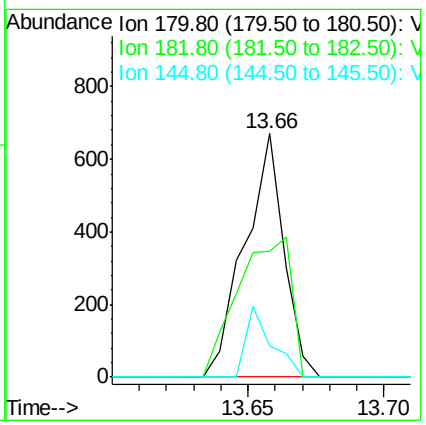


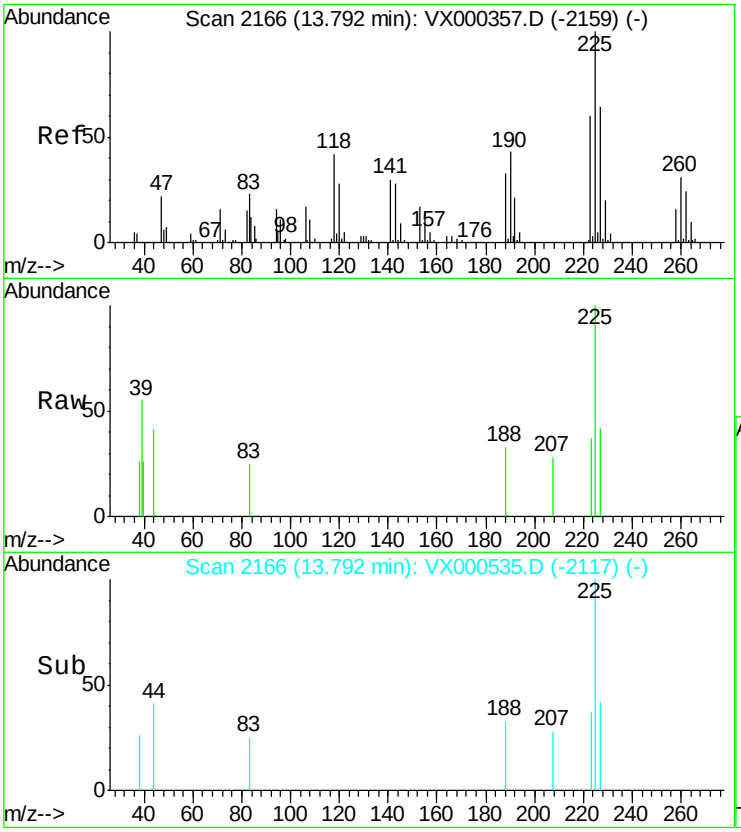


#93
1,2,4-Trichlorobenzene
Concen: 0.26 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Tgt Ion:180 Resp: 671

Ion	Ratio	Lower	Upper
180	100		
182	77.8	47.6	142.9
145	18.9	15.1	45.3





#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000535.D
Acq: 30 Mar 2018 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB107759TB

Tgt Ion:225 Resp: 229

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.0	96.0
227	47.6	32.6	98.0