Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000484.D
Acq On : 28 Mar 2018 13:18
Operator : JC/MD
Sample : PB107721TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB107721TB

Quant Time: Mar 29 04:08:52 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	98296	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173389	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	165275	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	82824	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.08	65	71251	55.53 ug/l	0.00
Spiked Amount 50.000				Recovery = 111.06%	
35) Dibromofluoromethane	5.52	113	55932	51.20 ug/l	0.00
Spiked Amount 50.000				Recovery = 102.40%	
50) Toluene-d8	8.73	98	219428	48.50 ug/l	0.00
Spiked Amount 50.000				Recovery = 97.00%	
62) 4-Bromofluorobenzene	11.15	95	73160	39.71 ug/l	0.00
Spiked Amount 50.000				Recovery = 79.42%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
3) Chloromethane	1.32	50	270	0.24 ug/l	90
5) Bromomethane	1.66	94	255	0.22 ug/l #	40
6) Chloroethane	1.72	64	176	Below Cal #	44
10) Methyl Iodide	2.53	142	258	4.47 ug/l #	50
11) Tert butyl alcohol	3.07	59	207	0.47 ug/l #	60
13) Acrolein	2.30	56	119	15.37 ug/l #	65
15) Acrylonitrile	3.17	53	534	0.60 ug/l #	86
16) Acetone	2.45	43	6904	6.47 ug/l	96
17) Carbon Disulfide	2.58	76	1132	0.41 ug/l #	94
18) Methyl Acetate	2.79	43	663	0.30 ug/l #	51
20) Methylene Chloride	2.87	84	1276	1.04 ug/l #	79
23) Vinyl Acetate	3.84	43	707	0.22 ug/l #	72
25) 2-Butanone	4.72	43	1014	0.85 ug/l	95
29) Tetrahydrofuran	5.18	42	389	0.53 ug/l #	41
31) Cyclohexane	5.68	56	2678	1.65 ug/l #	49
36) 1,1-Dichloropropene	5.67	75	7665	4.72 ug/l #	45
37) Ethyl Acetate	4.72	43	1014	0.46 ug/l #	69
38) Carbon Tetrachloride	5.67	117	10337	6.07 ug/l #	16
43) Isopropyl Acetate	6.48	43	2004	0.61 ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1347	0.53 ug/l #	74
60) Dibromochloromethane	9.35	129	40	4.14 ug/l #	12
74) N-amyl acetate	6.48	43	2004	Below Cal #	97
76) 1,2,3-Trichloropropane	11.15	75	41990	23.59 ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	41990	76.37 ug/l #	9
89) n-Butylbenzene	12.40	91	1060	0.22 ug/l	89
93) 1,2,4-Trichlorobenzene	13.66	180	613	0.32 ug/l	79
94) Hexachlorobutadiene	13.79	225	174	0.22 ug/l #	43

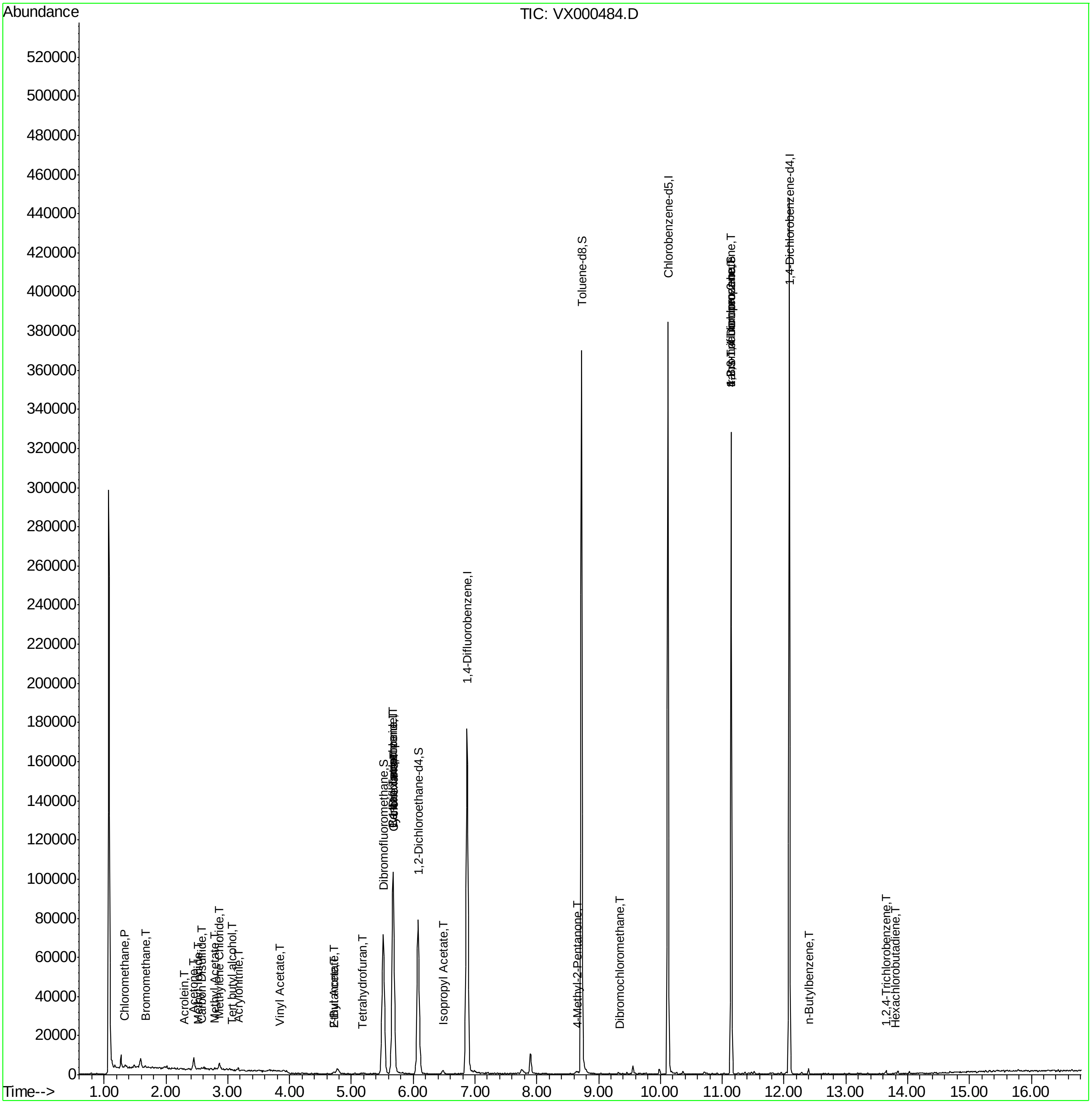
(#) = qualifier out of range (m) = manual integration (+) = signals summed

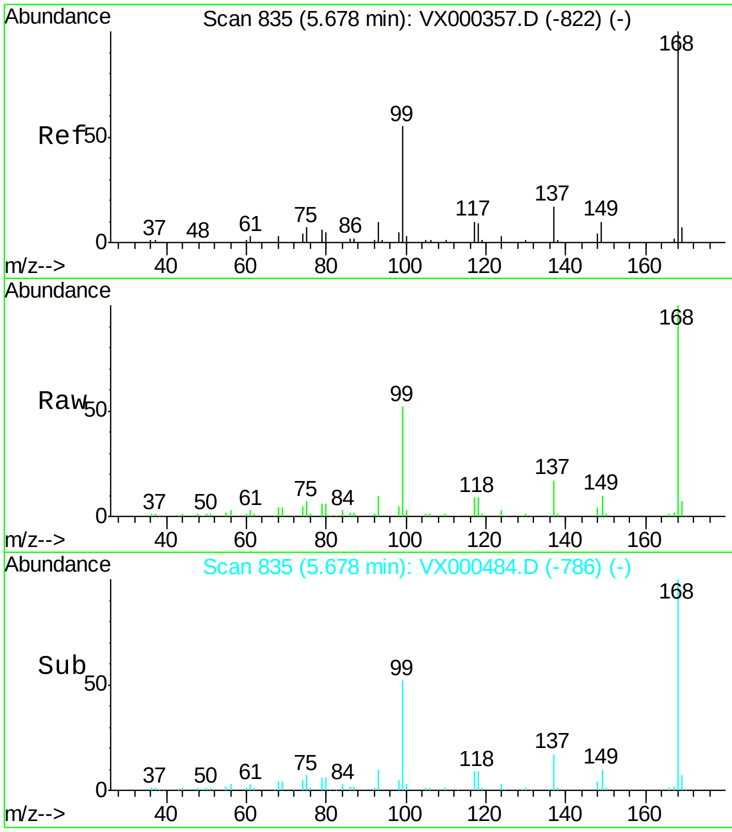
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000484.D
Acq On : 28 Mar 2018 13:18
Operator : JC/MD
Sample : PB107721TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Quant Time: Mar 29 04:08:52 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



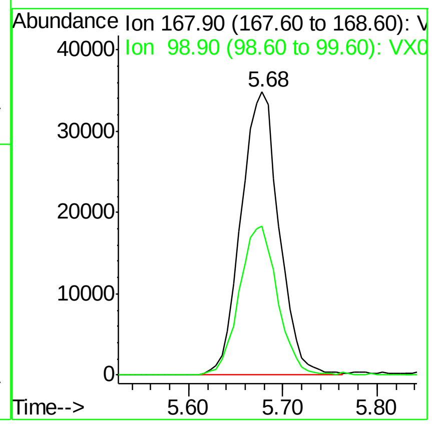


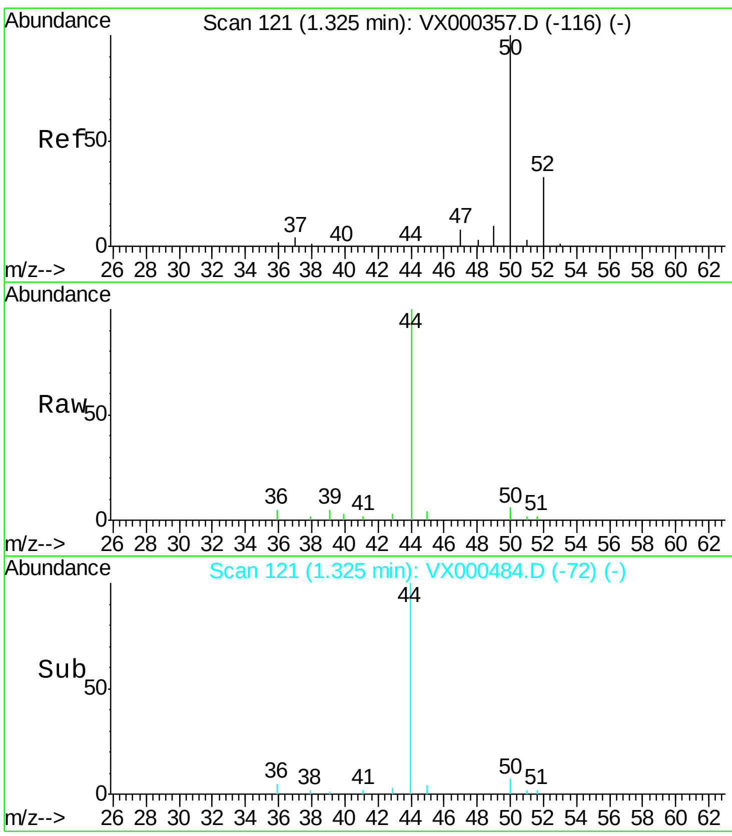
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion:168 Resp: 98296

Ion	Ratio	Lower	Upper
168	100		
99	52.4	45.8	68.6

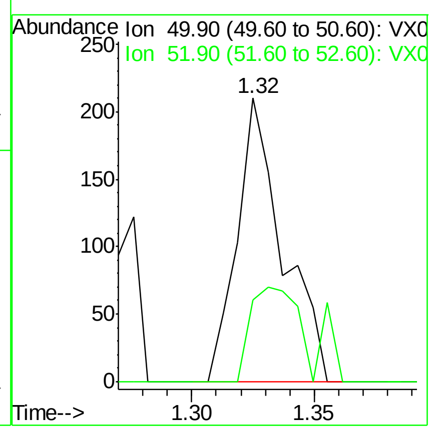


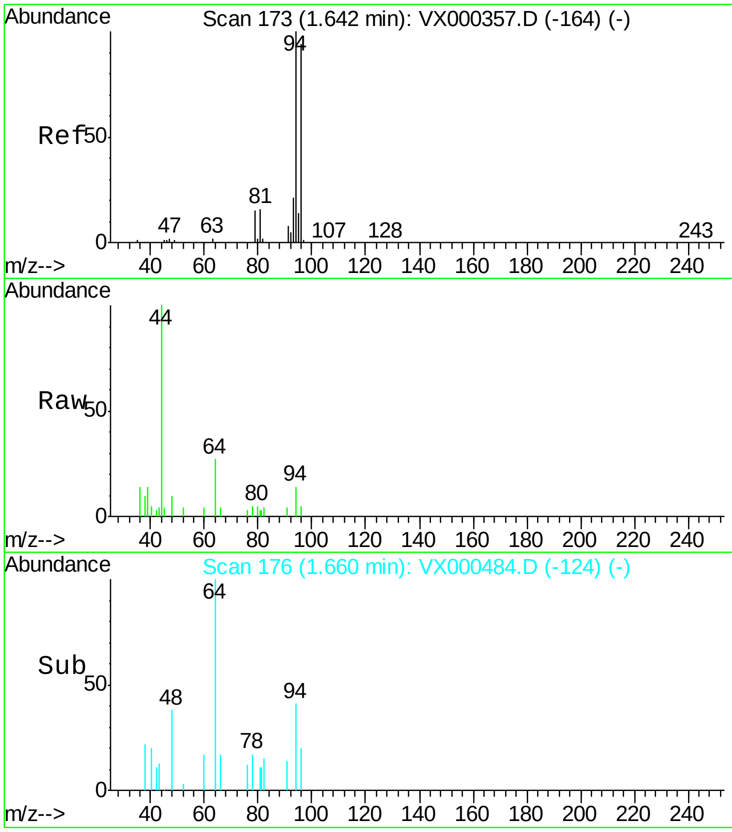


#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 50 Resp: 270

Ion	Ratio	Lower	Upper
50	100		
52	28.6	27.5	41.3



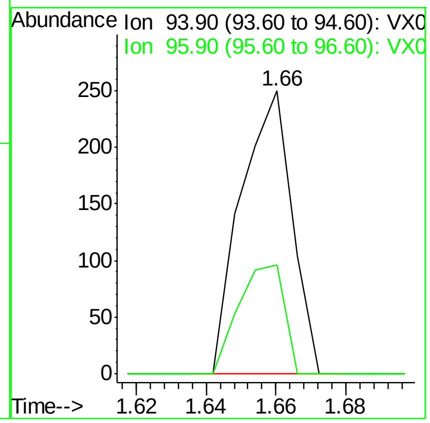


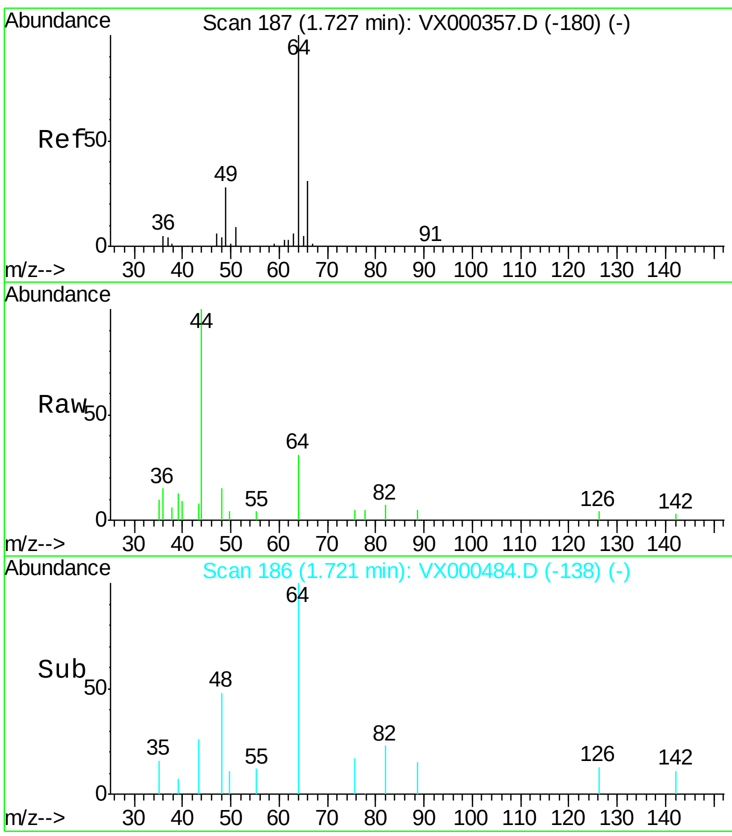
#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.66 min Scan# 176
Delta R.T.   0.02 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 94 Resp: 255

Ion	Ratio	Lower	Upper
94	100		
96	38.4	77.7	116.5#

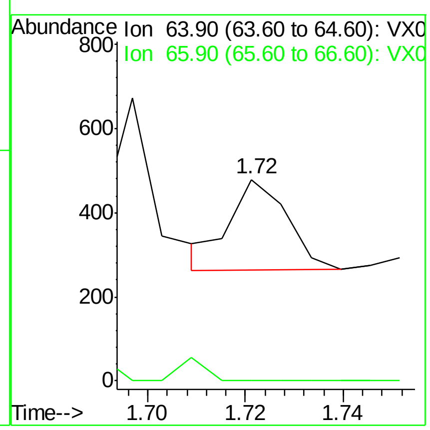




#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 186
Delta R.T.   -0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

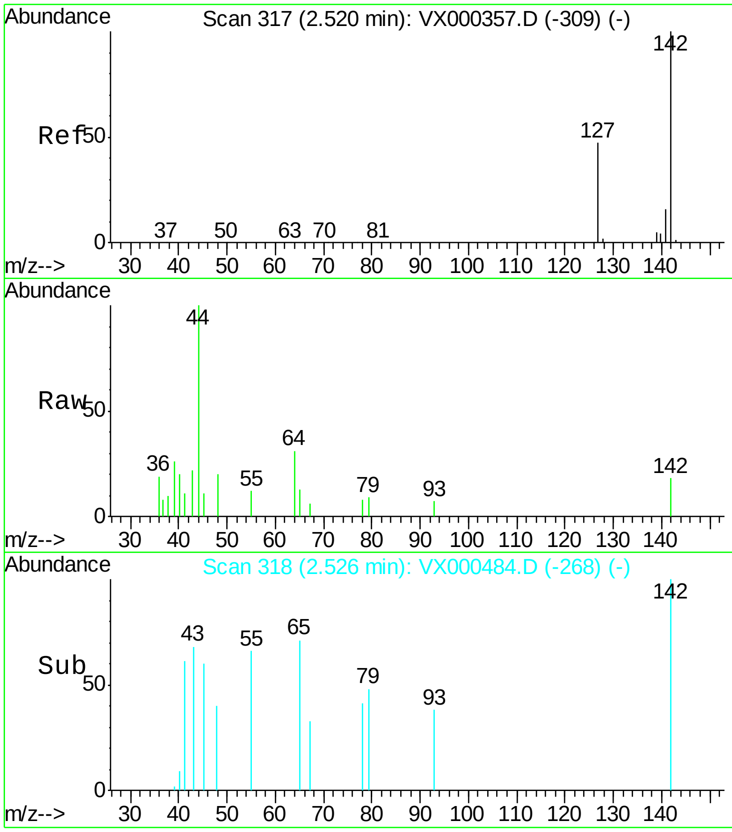
Tgt Ion: 64 Resp: 176

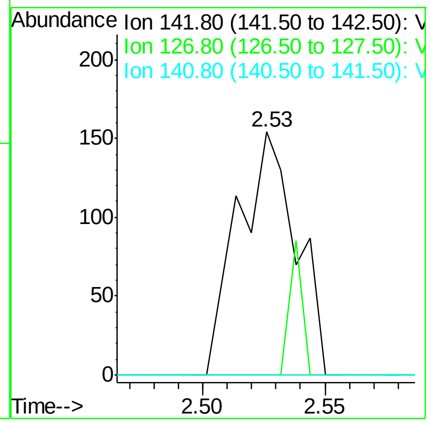
Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



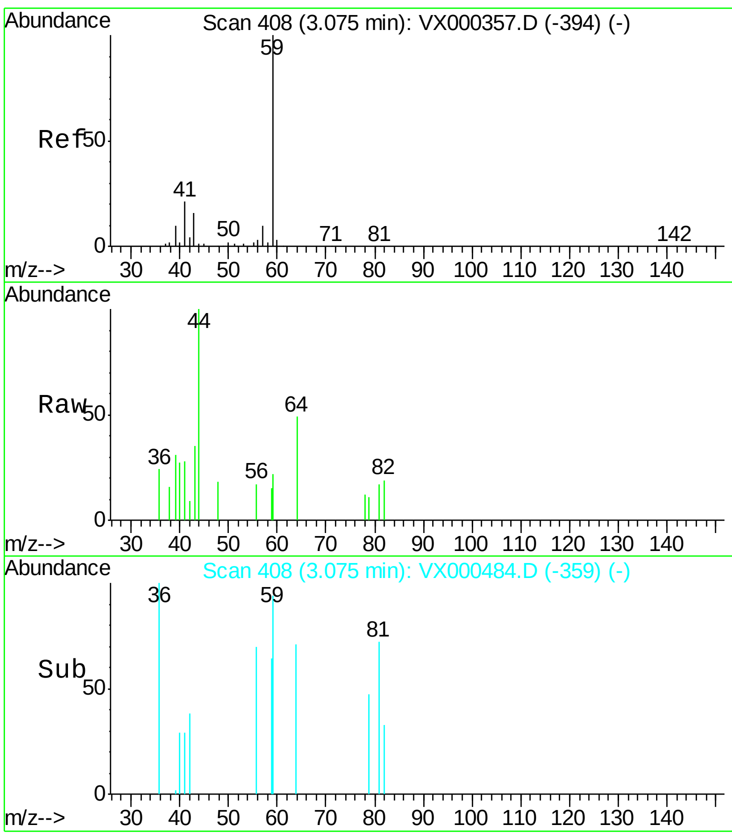
Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

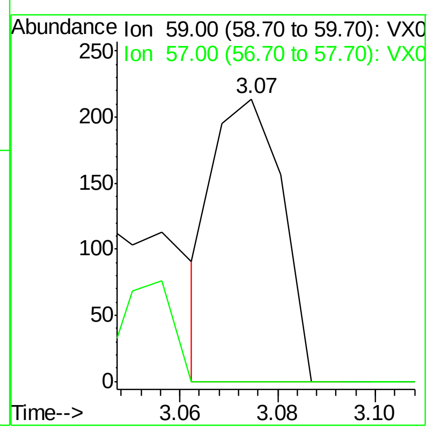
```
#10
Methyl Iodide
Concen:     4.47 ug/l
RT: 2.53 min  Scan# 318
Delta R.T.    0.01 min
Lab File:    VX000484.D
Acq: 28 Mar 2018  13:18

Tgt Ion:142 Resp:     258
Ion  Ratio  Lower  Upper
142  100
127   12.0   39.2   58.8#
141    0.0   11.7   17.5#
```

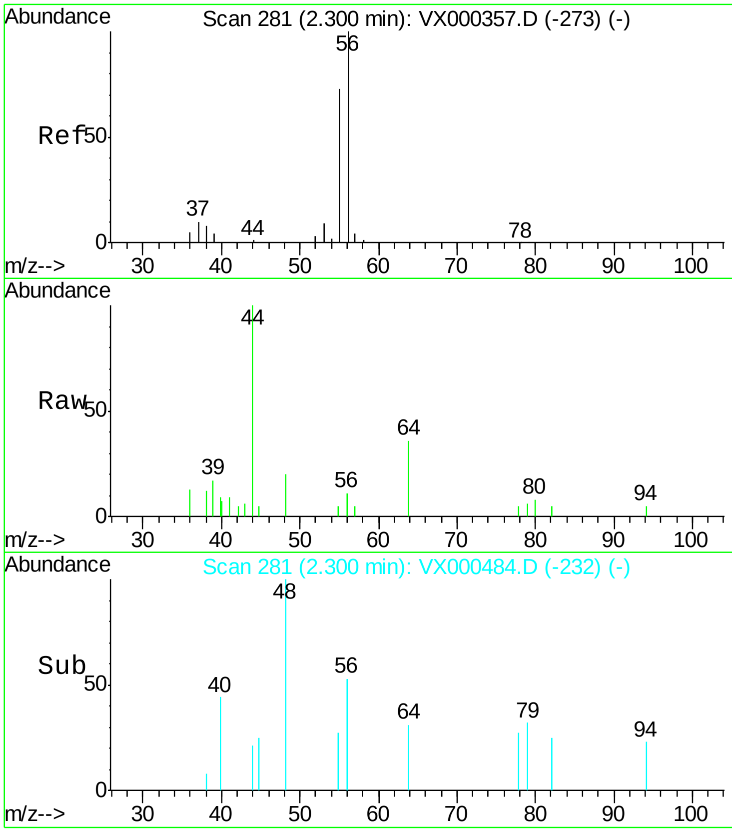





```
#11
Tert butyl alcohol
Concen:     0.47 ug/l
RT: 3.07 min  Scan# 408
Delta R.T.   -0.00 min
Lab File:    VX000484.D
Acq: 28 Mar 2018  13:18

Tgt Ion: 59 Resp:     207
Ion  Ratio  Lower  Upper
 59  100
 57   25.6    8.4   12.6#
```





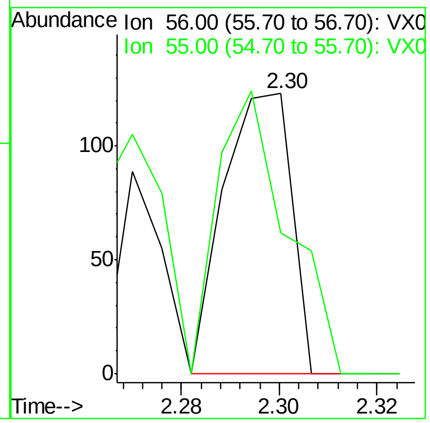


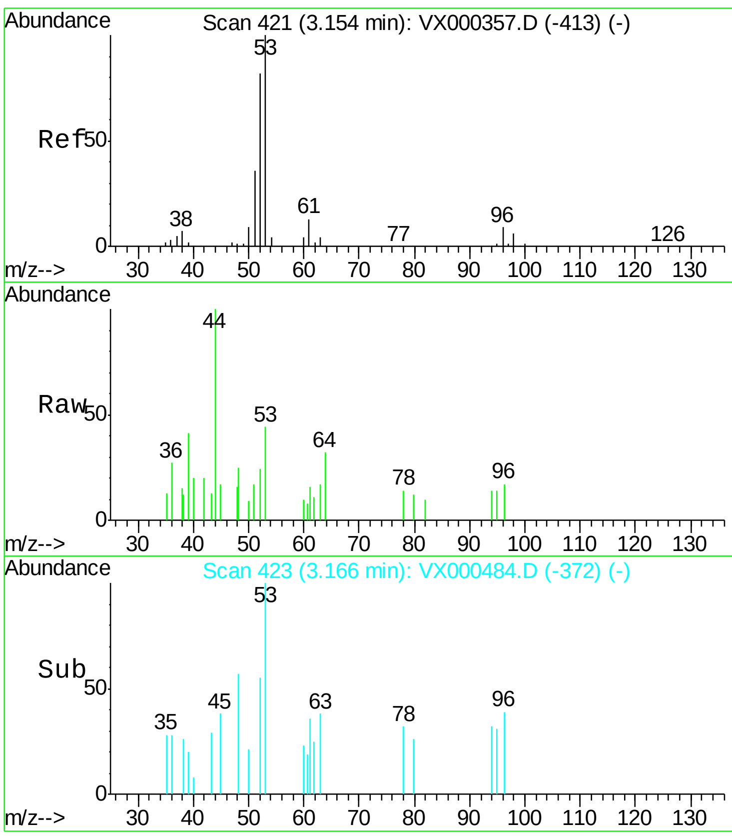
#13
Acrolein
Concen: 15.37 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 56 Resp: 119

Ion	Ratio	Lower	Upper
56	100		
55	103.4	58.8	88.2#

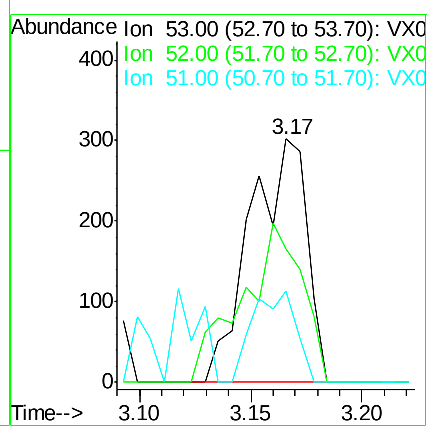


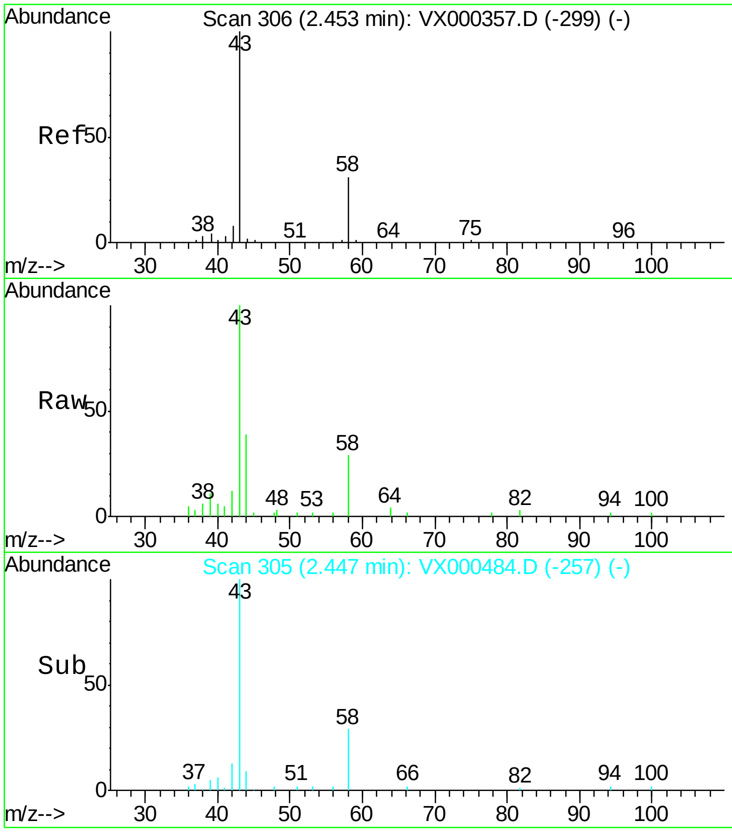


#15
Acrylonitrile
Concen: 0.60 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 53 Resp: 534

Ion	Ratio	Lower	Upper
53	100		
52	69.9	66.6	99.8
51	28.8	29.3	43.9#



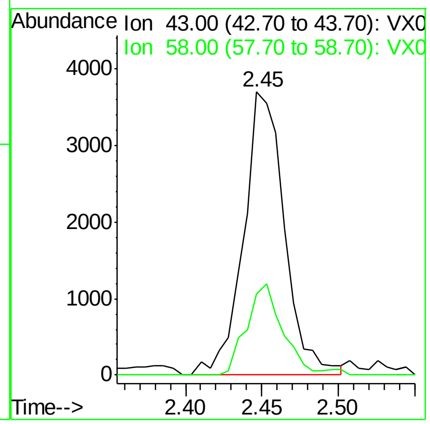


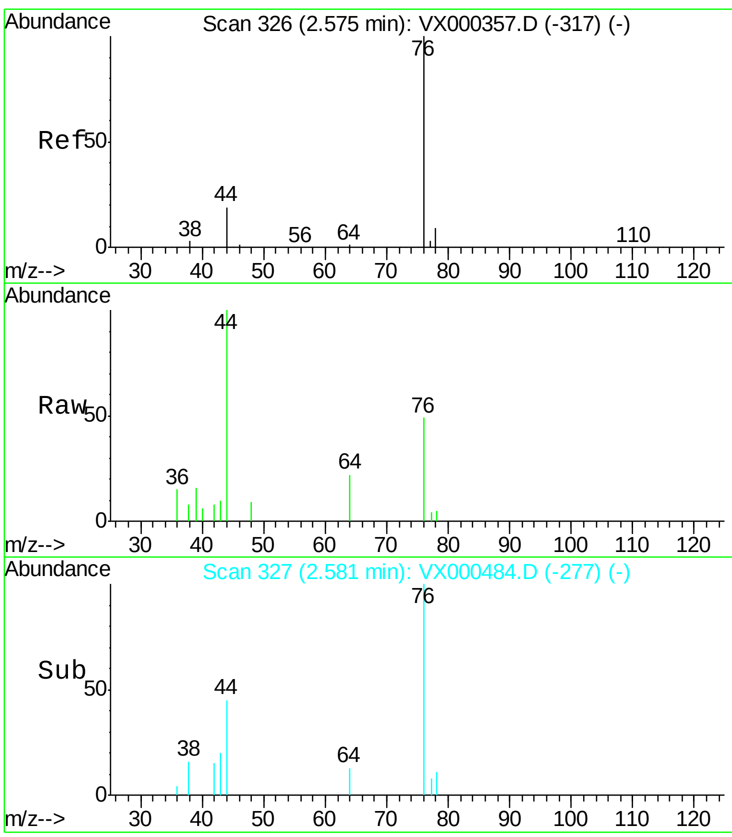
#16
Acetone
Concen: 6.47 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 43 Resp: 6904

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

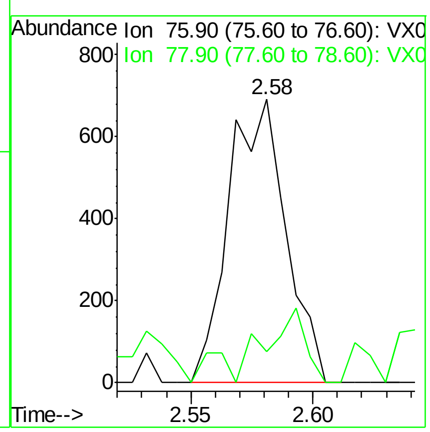


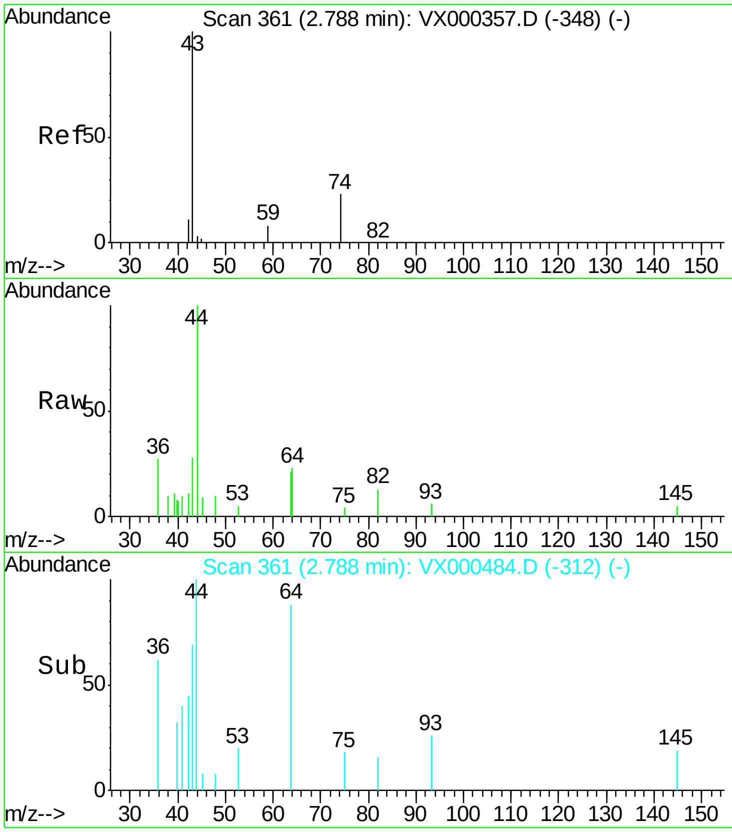


#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 76 Resp: 1132

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.0	10.6#



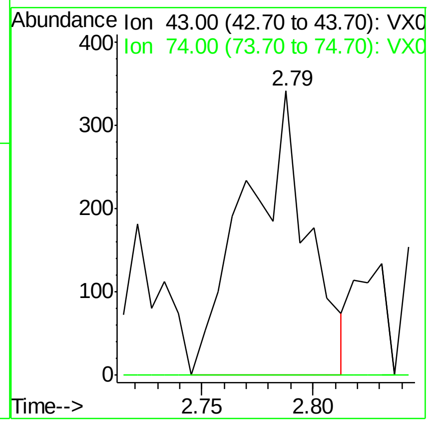


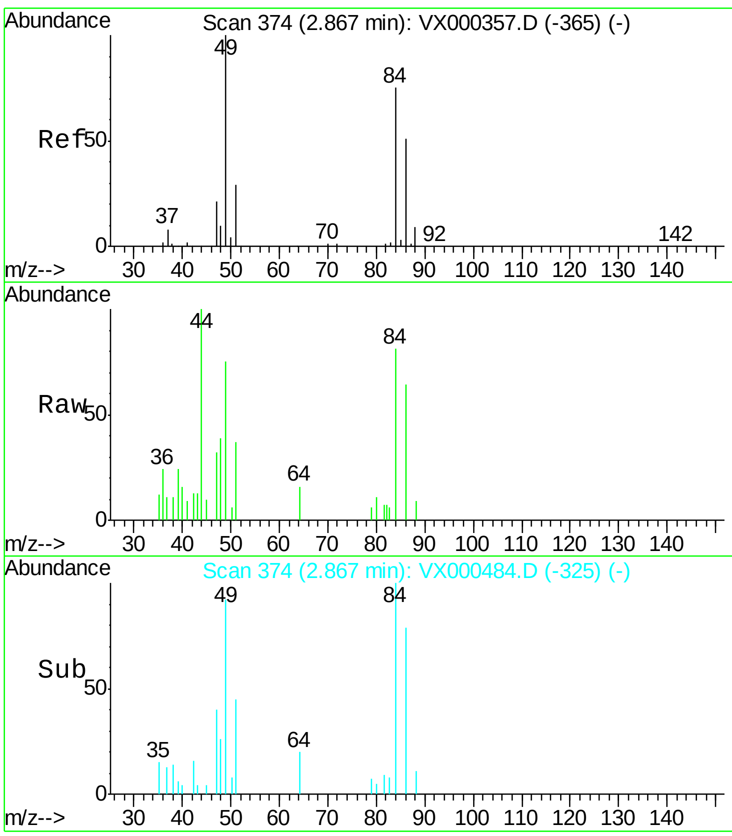
#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 43 Resp: 663

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#

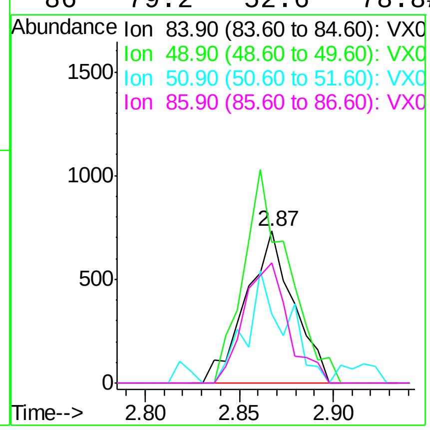


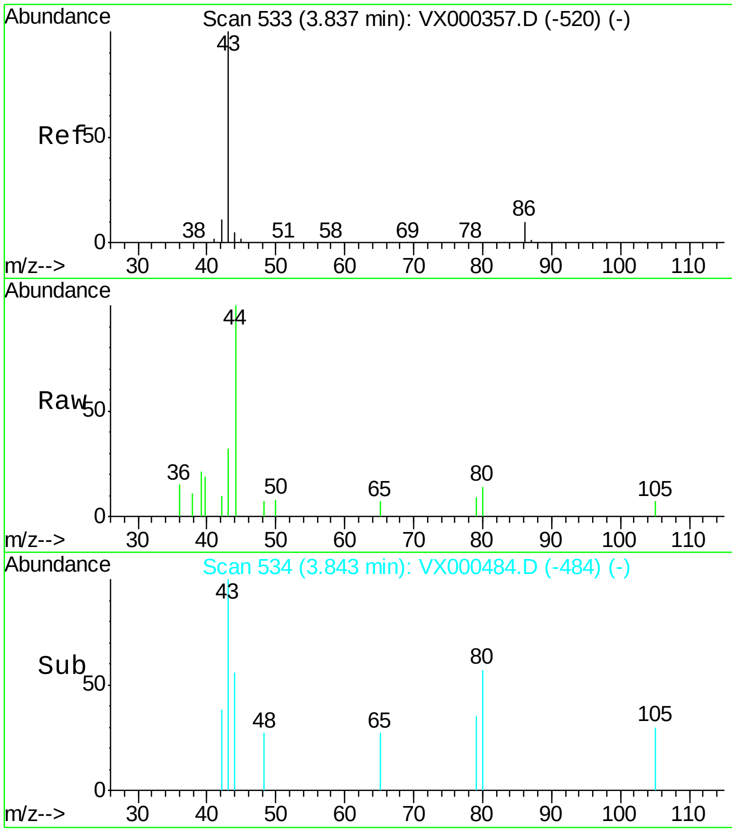


#20
Methylene Chloride
Concen: 1.04 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 84 Resp: 1276

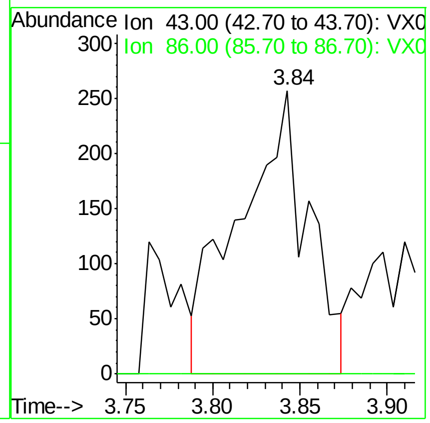
Ion	Ratio	Lower	Upper
84	100		
49	92.5	100.6	151.0#
51	37.8	31.6	47.4
86	79.2	52.6	78.8#

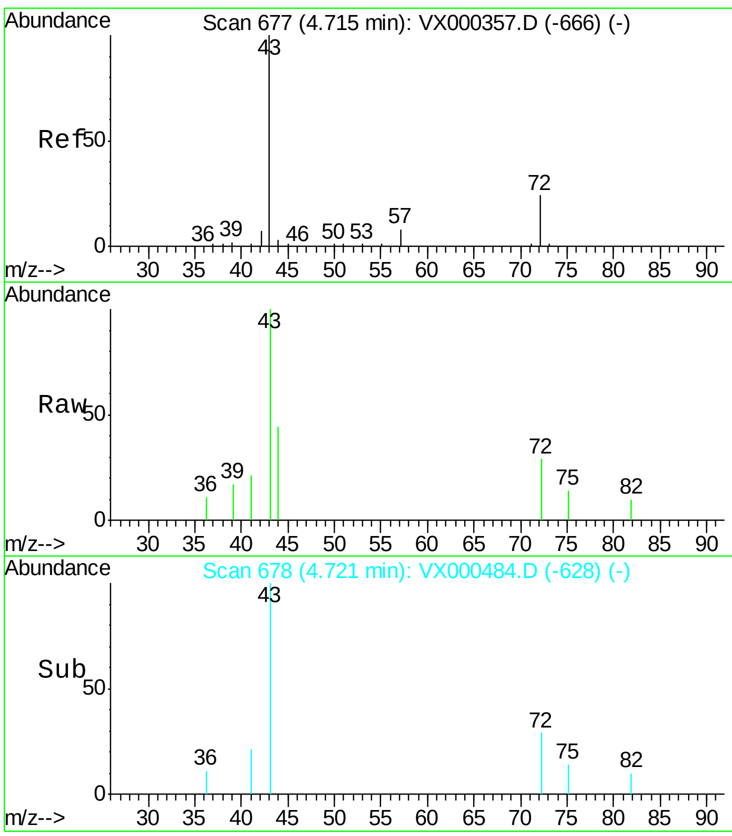




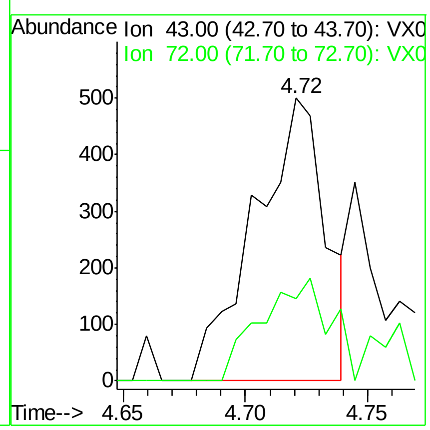

```
#23
Vinyl Acetate
Concen:     0.22 ug/l
RT: 3.84 min  Scan# 534
Delta R.T.    0.01 min
Lab File:    VX000484.D
Acq: 28 Mar 2018  13:18

Tgt Ion: 43 Resp:      707
Ion  Ratio  Lower  Upper
 43  100
 86    0.0    8.6   12.8#
```

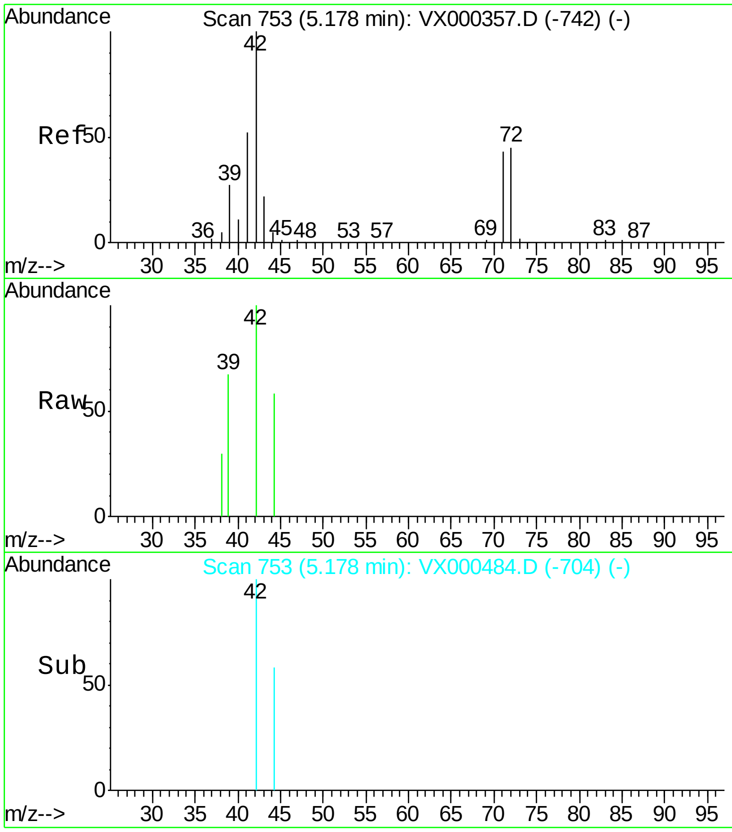
Instrument :
MSVOA_X
ClientSampleId :
PB107721TB






```
#25
2-Butanone
Concen:     0.85 ug/l
RT: 4.72 min  Scan# 678
Delta R.T.    0.01 min
Lab File:    VX000484.D
Acq: 28 Mar 2018  13:18

Tgt Ion: 43 Resp:     1014
Ion  Ratio  Lower  Upper
 43  100
 72   29.0   21.0   31.6
```

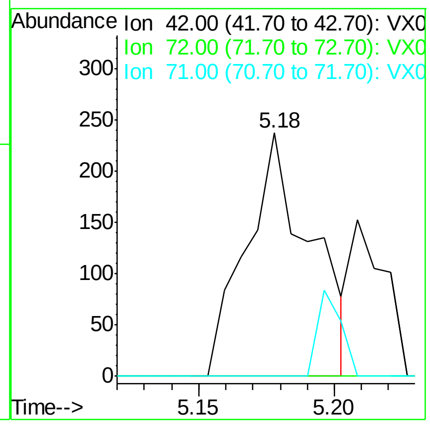


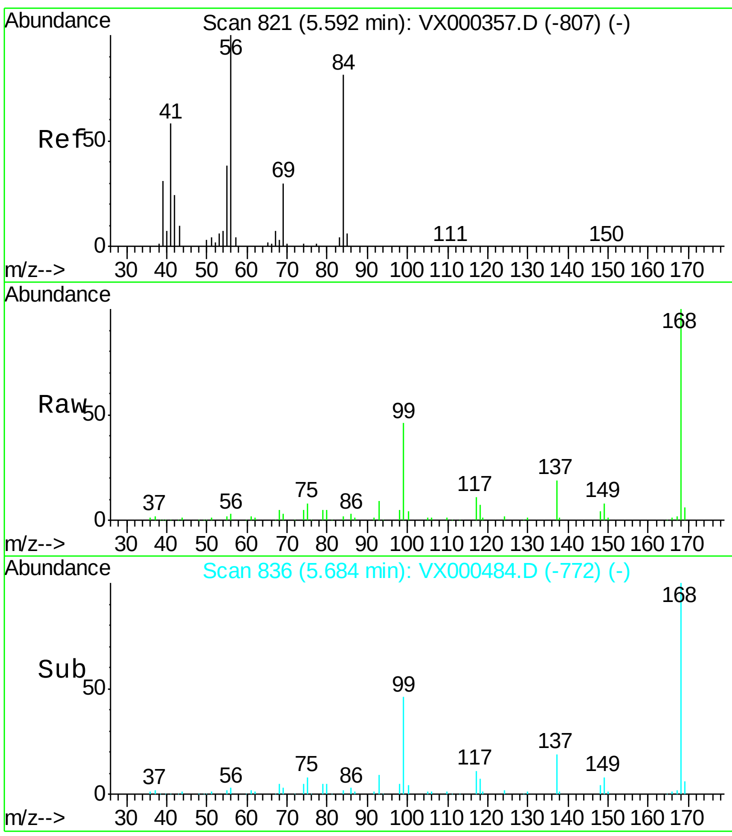


#29
Tetrahydrofuran
Concen: 0.53 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 42 Resp: 389

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.9	56.9#
71	12.9	34.4	51.6#

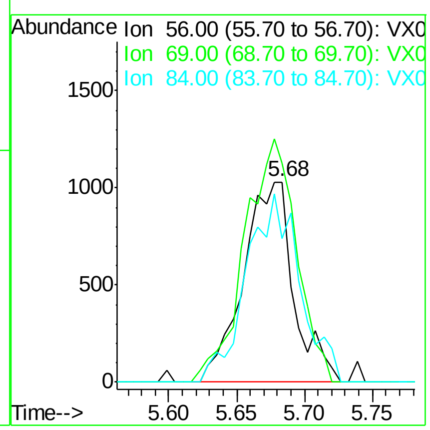


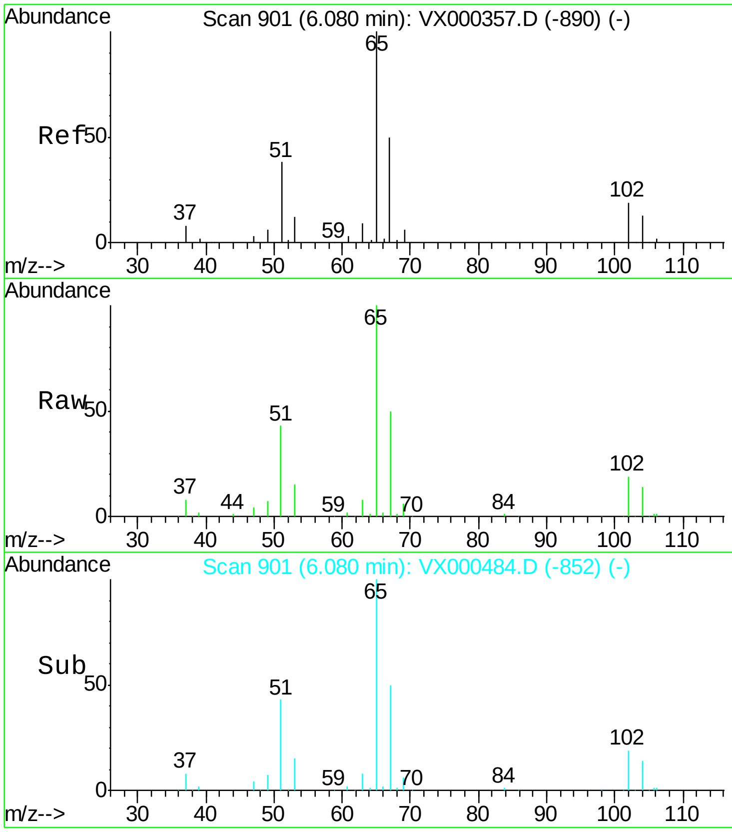


#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.68 min Scan# 836
Delta R.T. 0.09 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 56 Resp: 2678

Ion	Ratio	Lower	Upper
56	100		
69	109.6	23.4	35.0#
84	71.4	71.0	106.4



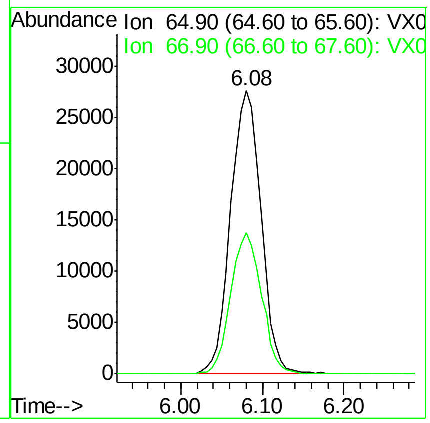


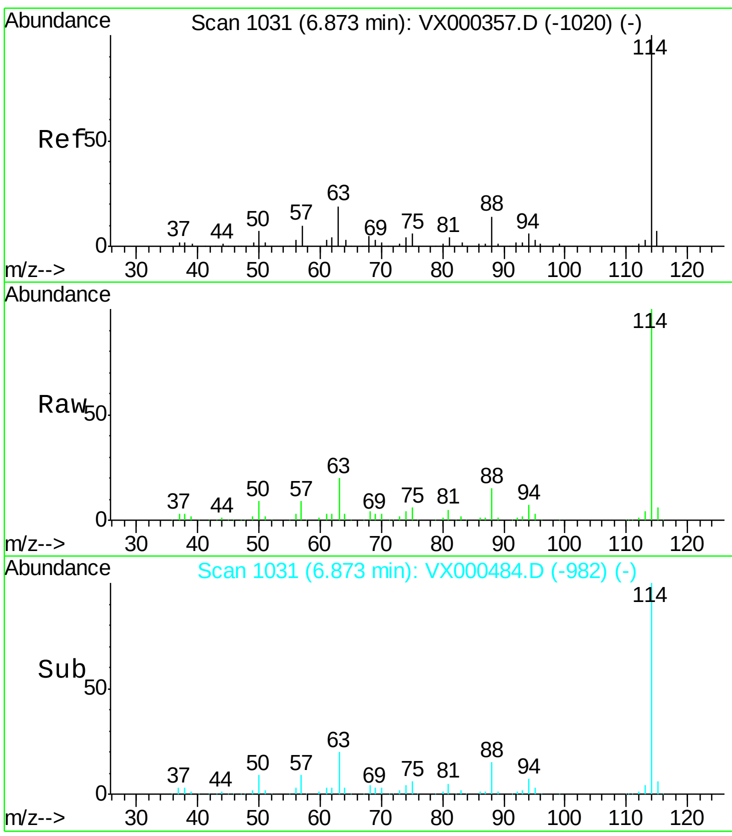
#33
1,2-Dichloroethane-d4
Concen: 55.53 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 65 Resp: 71251

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.2

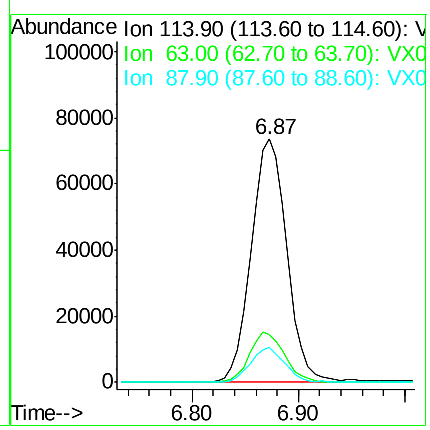


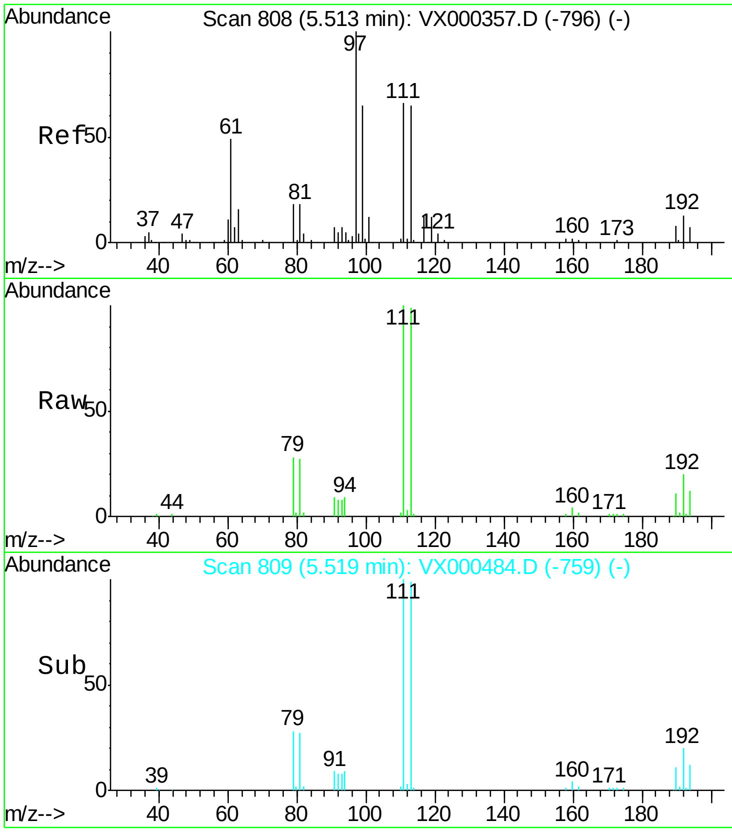


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion:114 Resp: 173389

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	14.5	0.0	27.0



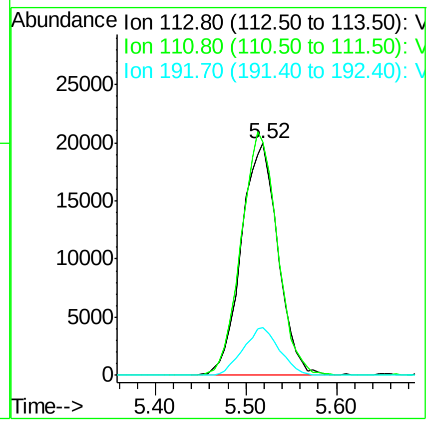


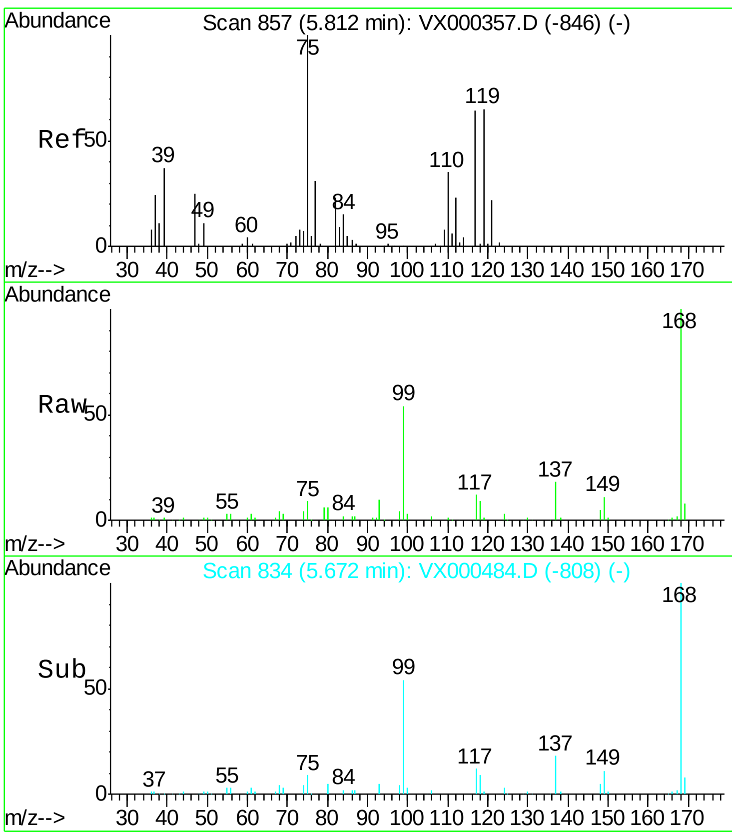
#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument : MSVOA_X
ClientSampleId : PB107721TB

Tgt Ion:113 Resp: 55932

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	20.4	15.8	23.6

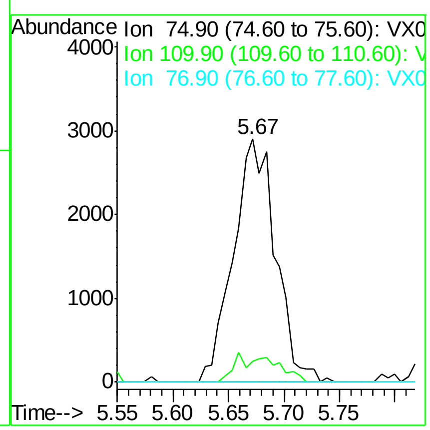


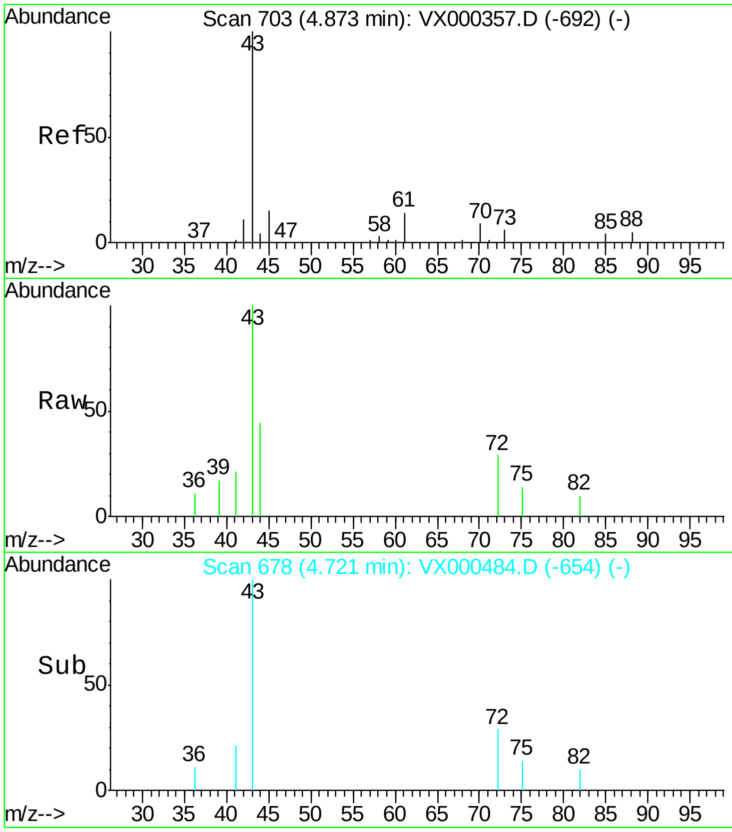


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 75 Resp: 7665

Ion	Ratio	Lower	Upper
75	100		
110	3.5	17.9	53.7#
77	0.0	24.0	36.0#



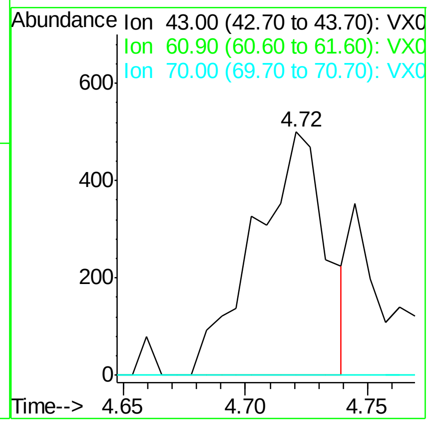


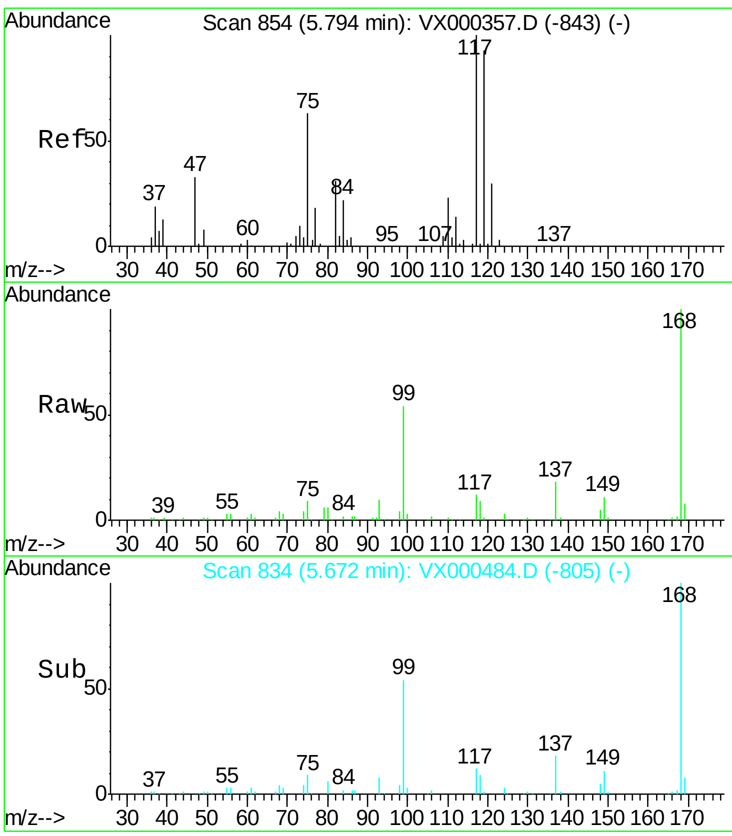
#37
Ethyl Acetate
Concen: 0.46 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 43 Resp: 1014

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	7.7	11.5#

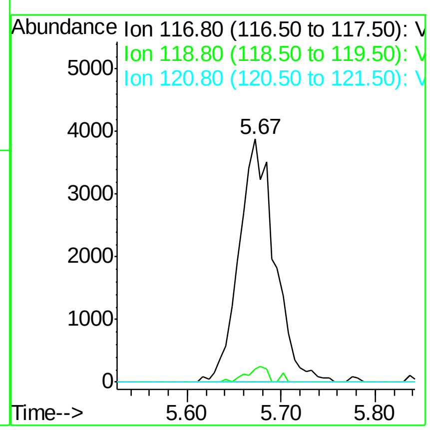


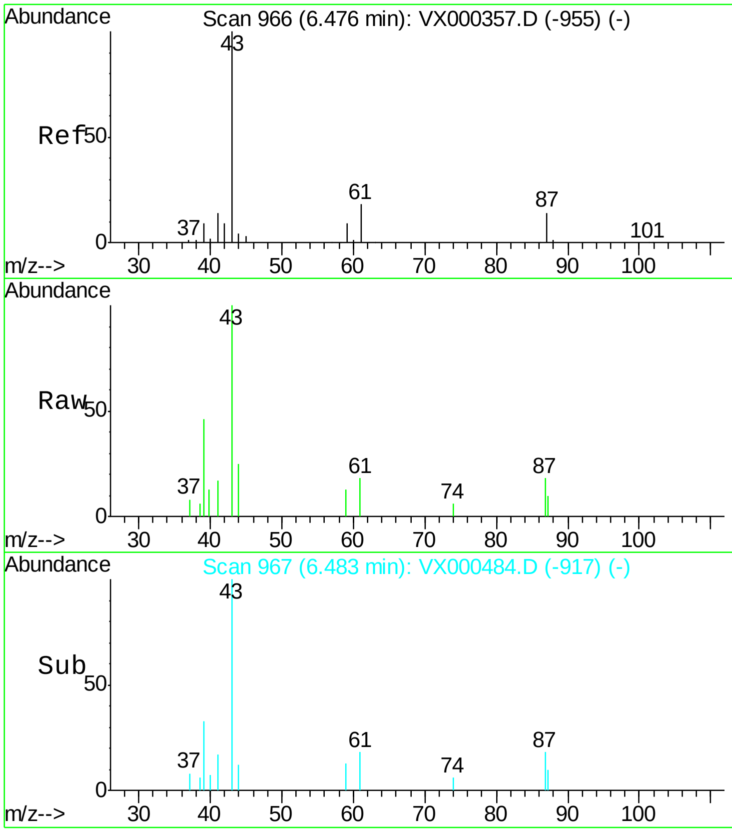


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion:117 Resp: 10337

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.4	116.2#
121	0.0	24.8	37.2#



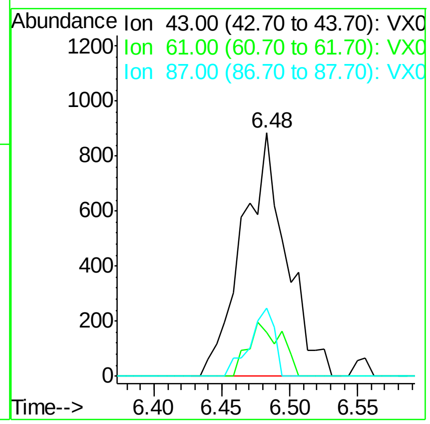


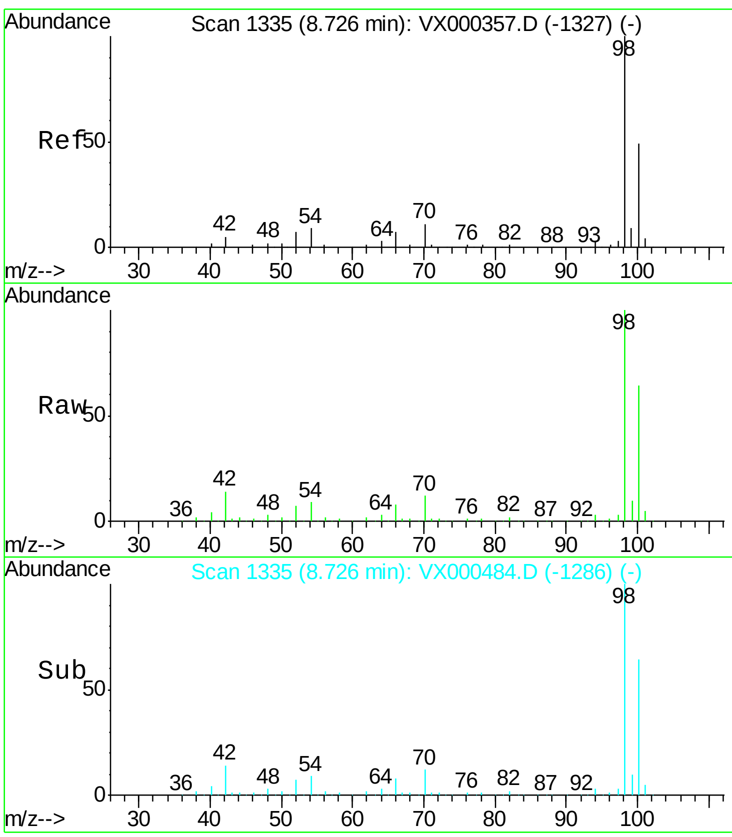
#43
Isopropyl Acetate
Concen: 0.61 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument : MSVOA_X
ClientSampleId : PB107721TB

Tgt Ion: 43 Resp: 2004

Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.4	21.6
87	15.7	11.0	16.4

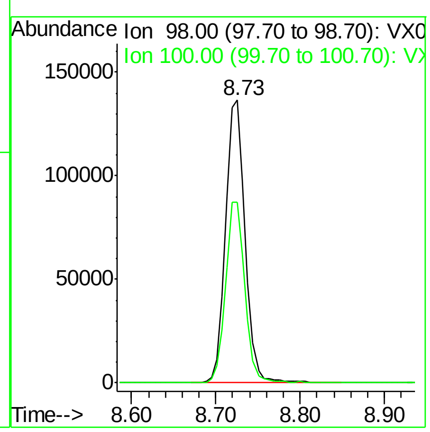


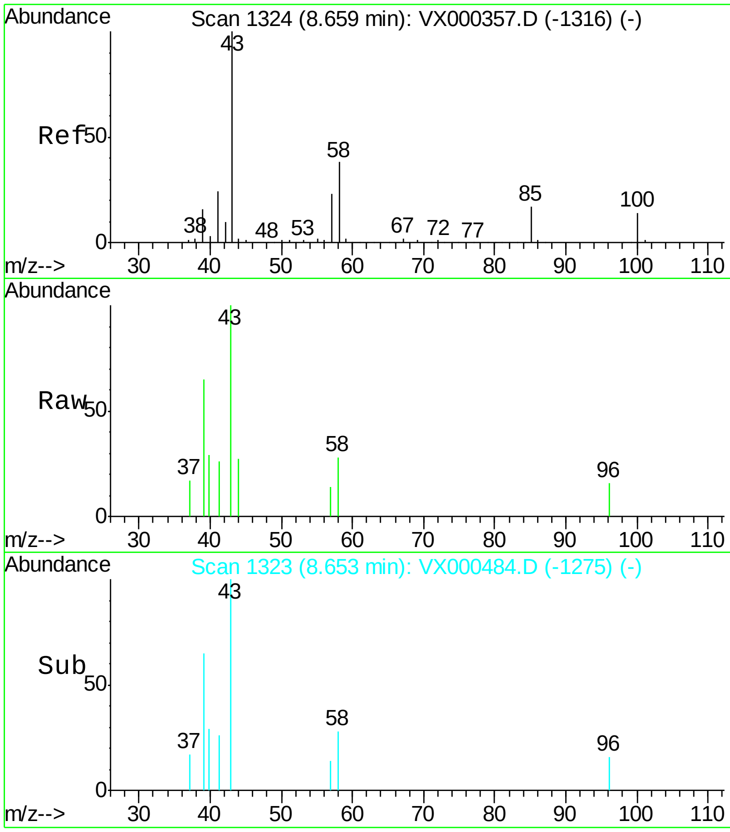


#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 98 Resp: 219428

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8



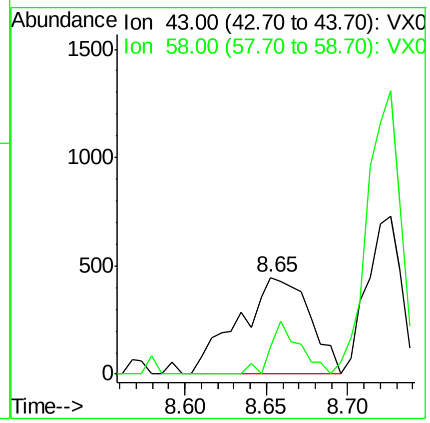


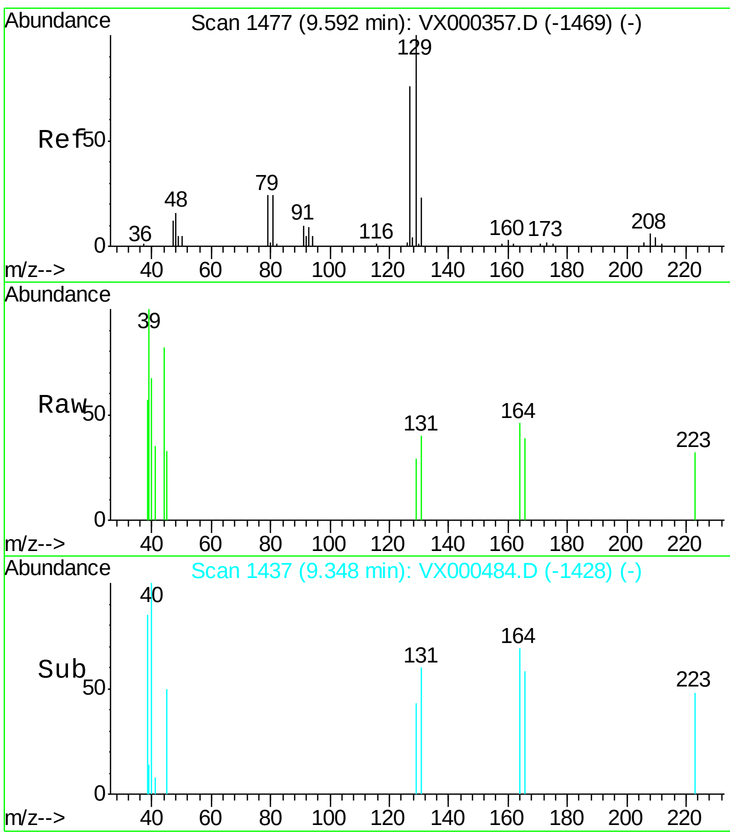
#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 43 Resp: 1347

Ion	Ratio	Lower	Upper
43	100		
58	22.3	30.3	45.5#

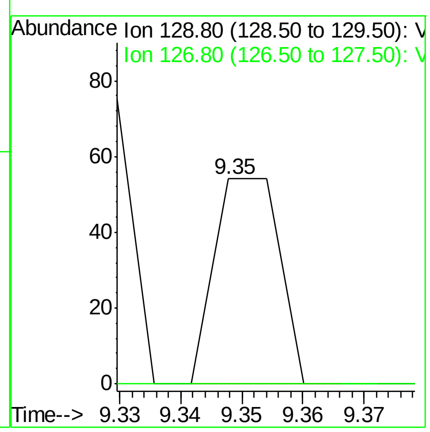


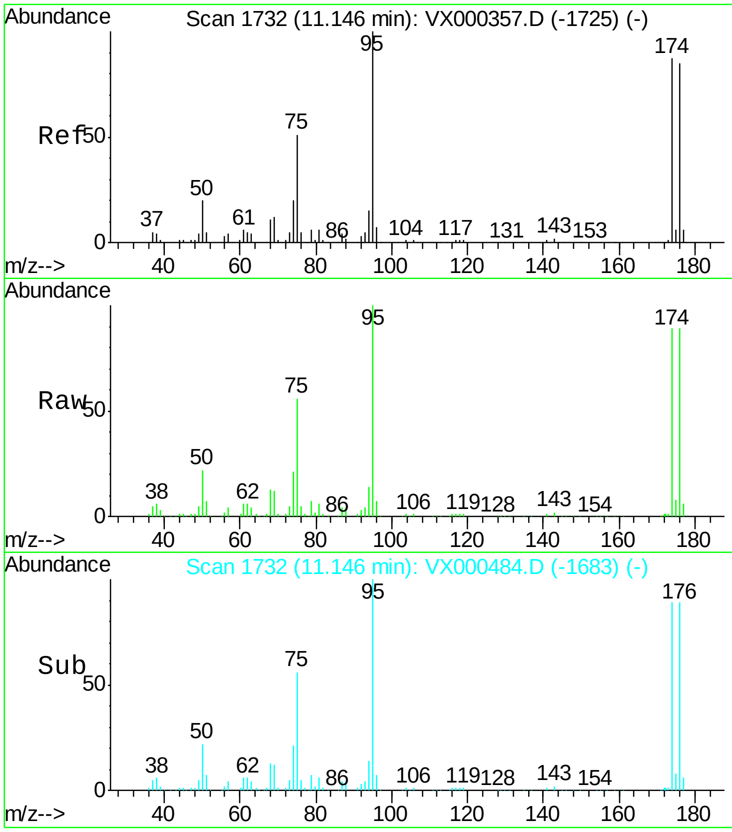


#60
Dibromochloromethane
Concen: 4.14 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion:129 Resp: 40

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#



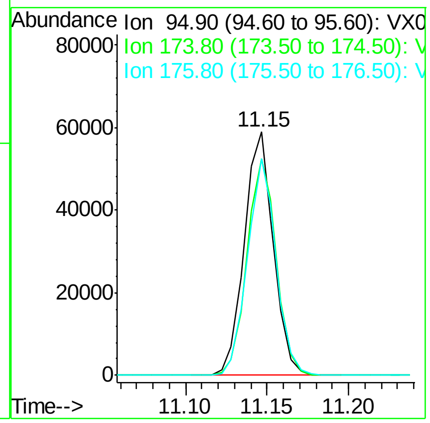


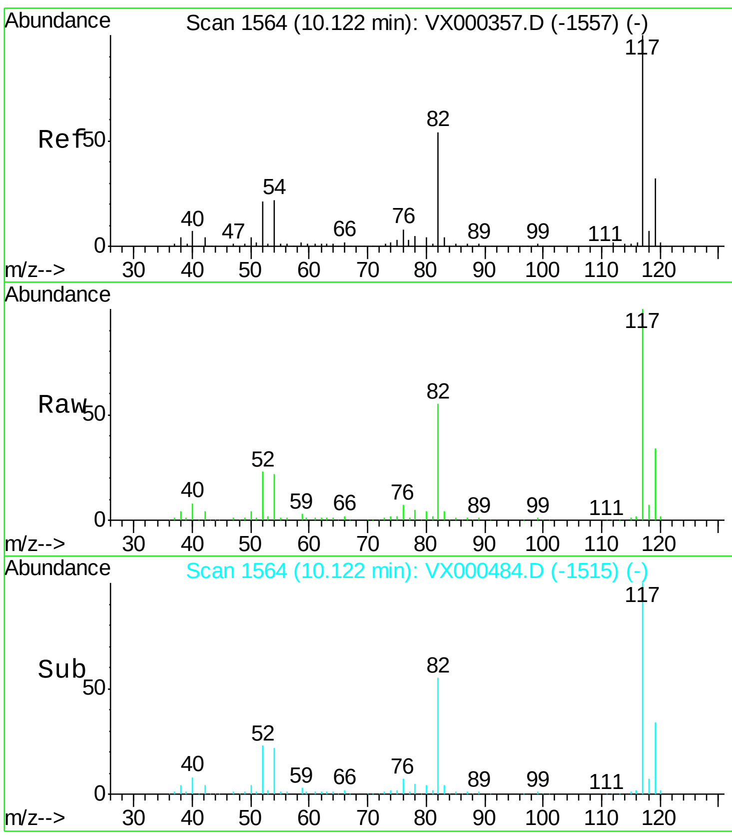
#62
4-Bromofluorobenzene
Concen: 39.71 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 95 Resp: 73160

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	173.6
176	87.7	0.0	164.6

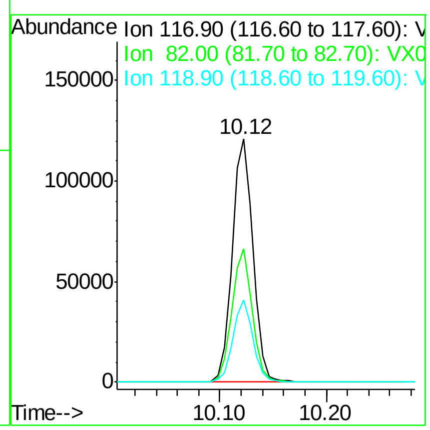


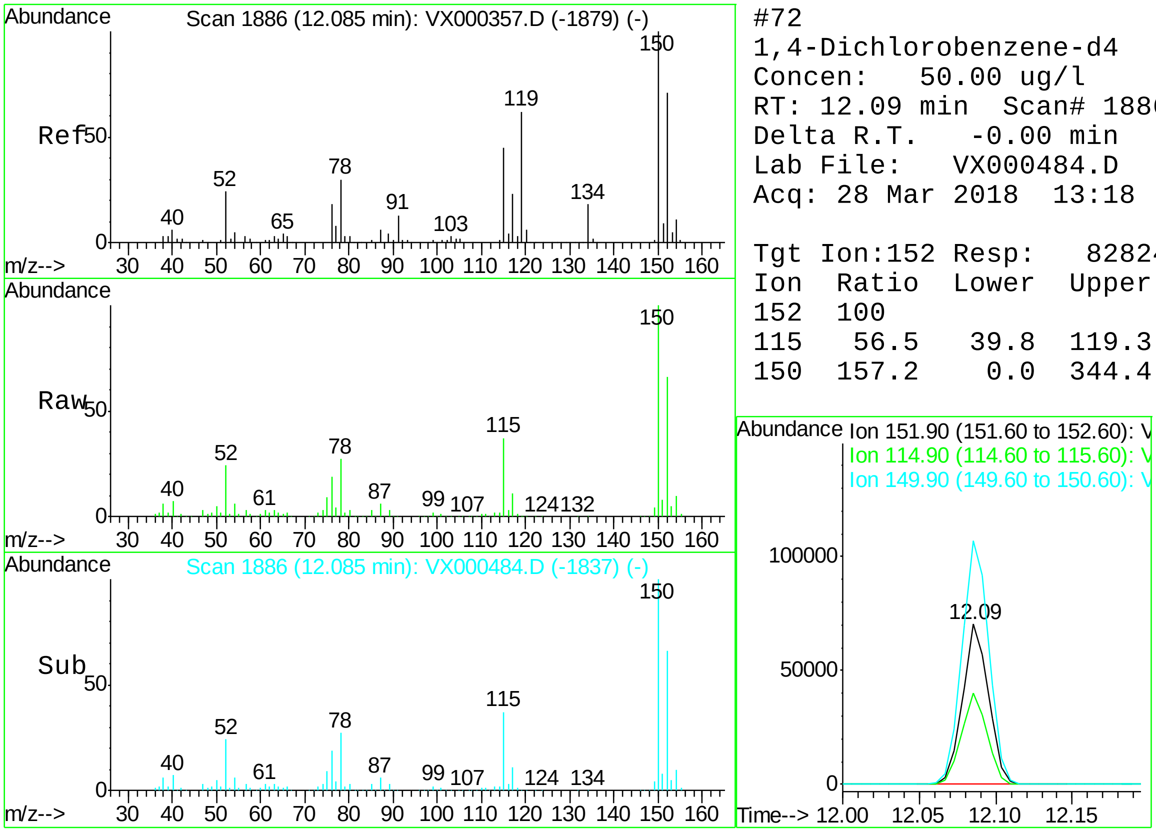


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion:117 Resp: 165275

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	33.7	24.9	37.3



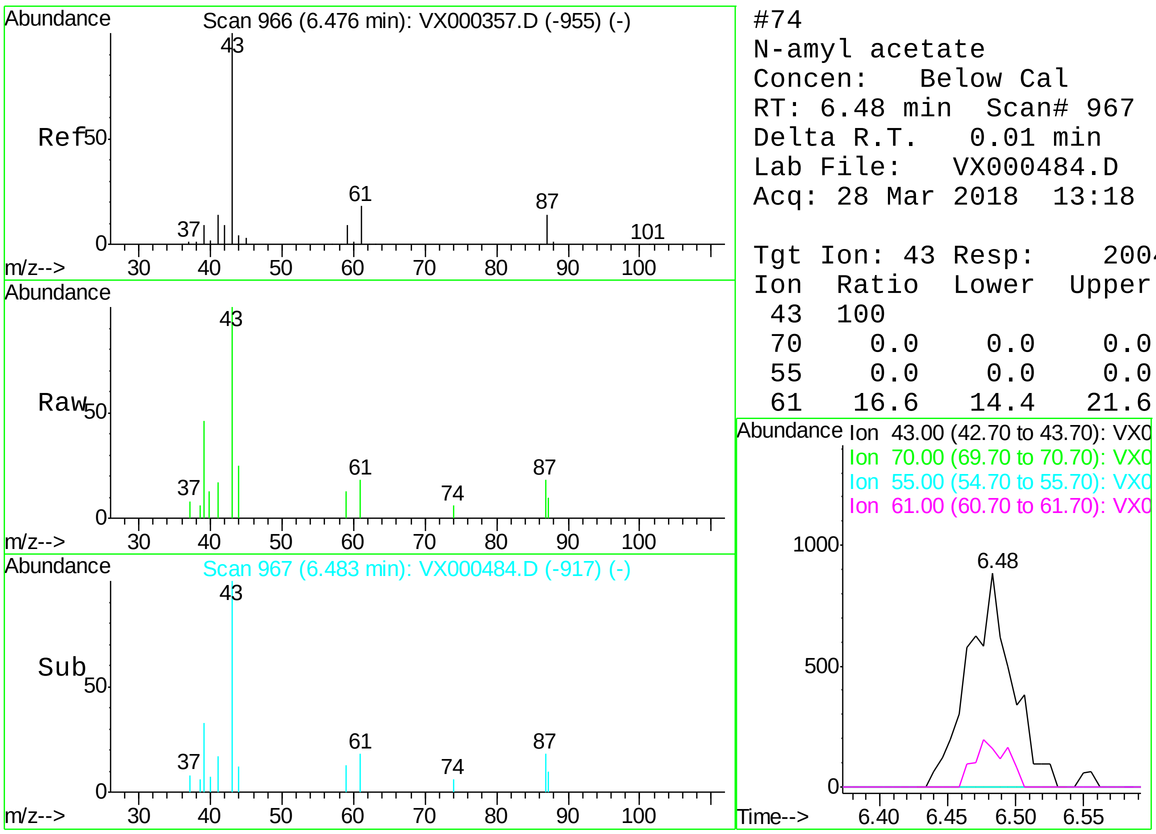


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion:152 Resp: 82824

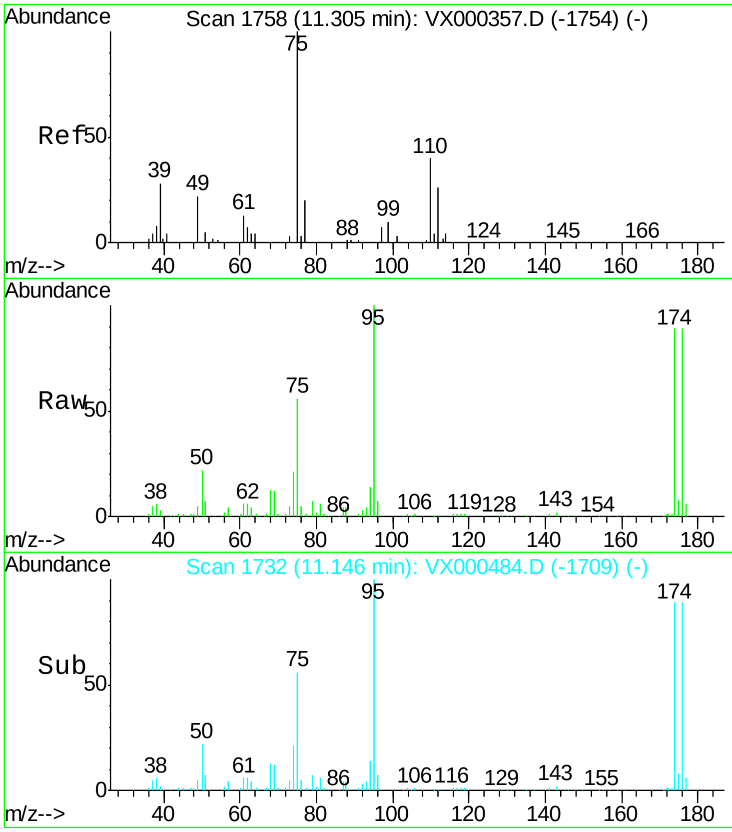
Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.8	119.3
150	157.2	0.0	344.4



#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018 13:18

Tgt Ion: 43 Resp: 2004

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	16.6	14.4	21.6

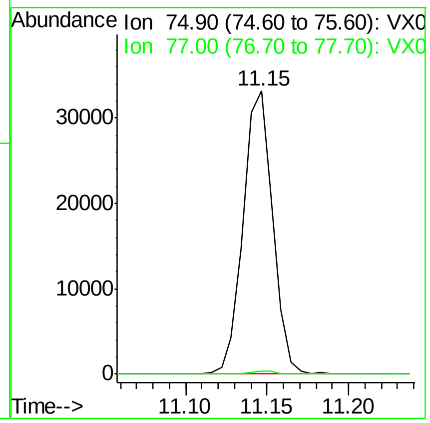


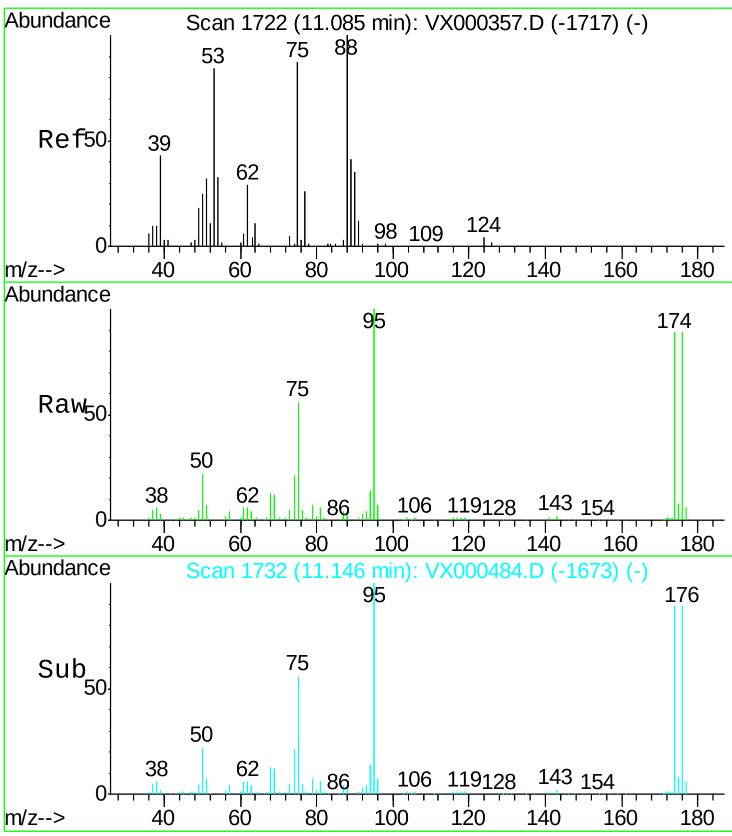
#76
1,2,3-Trichloropropane
Concen: 23.59 ug/l
RT: 11.15 min   Scan# 1732
Delta R.T.   -0.16 min
Lab File: VX000484.D
Acq: 28 Mar 2018   13:18

Instrument : MSVOA_X
ClientSampleId : PB107721TB

Tgt Ion: 75 Resp: 41990

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.2#

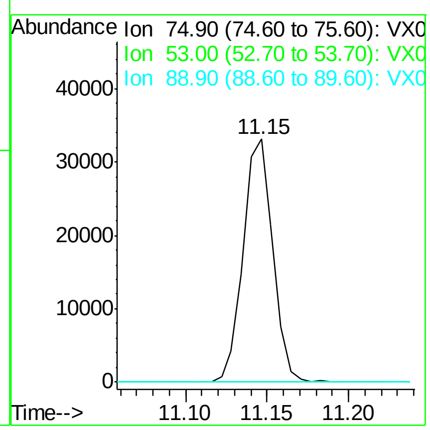


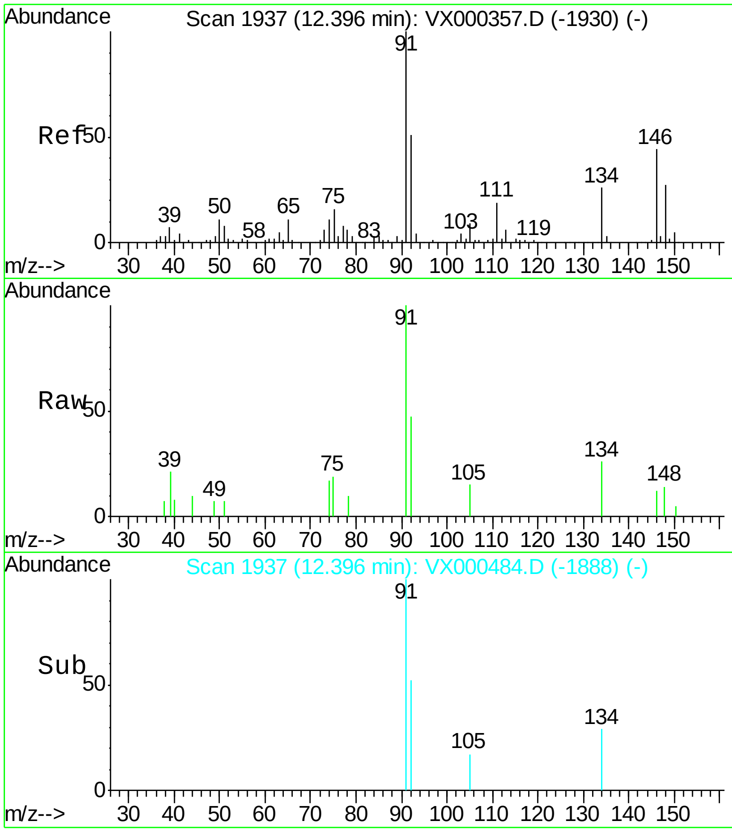


#81
trans-1,4-Dichloro-2-butene
Concen: 76.37 ug/l
RT: 11.15 min   Scan# 1732
Delta R.T.   0.06 min
Lab File: VX000484.D
Acq: 28 Mar 2018   13:18

Tgt Ion: 75 Resp: 41990

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



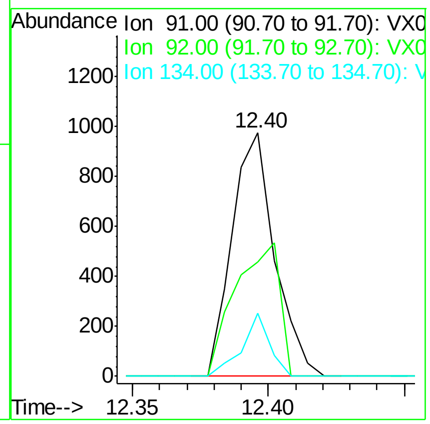


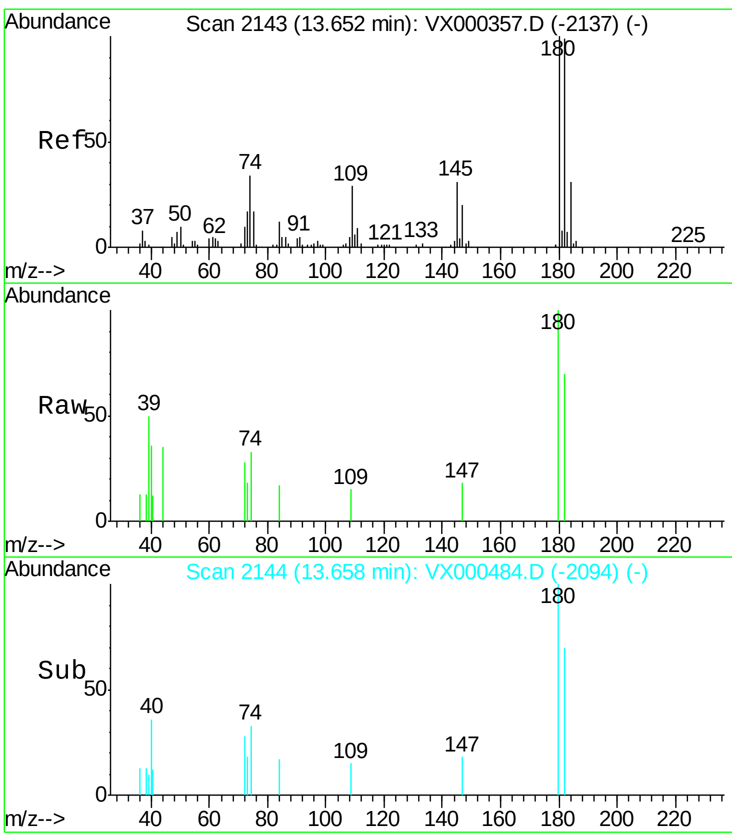
#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.40 min   Scan# 1937
Delta R.T.   -0.00 min
Lab File: VX000484.D
Acq: 28 Mar 2018   13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion: 91 Resp: 1060

Ion	Ratio	Lower	Upper
91	100		
92	57.3	25.9	77.8
134	16.8	13.1	39.3

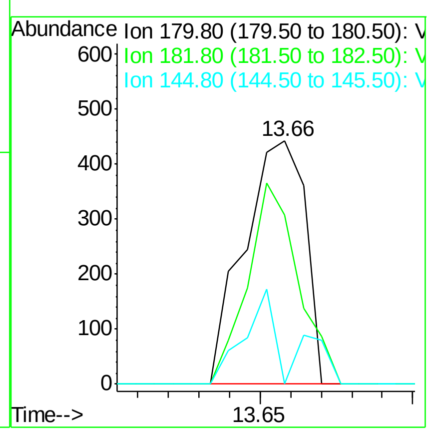


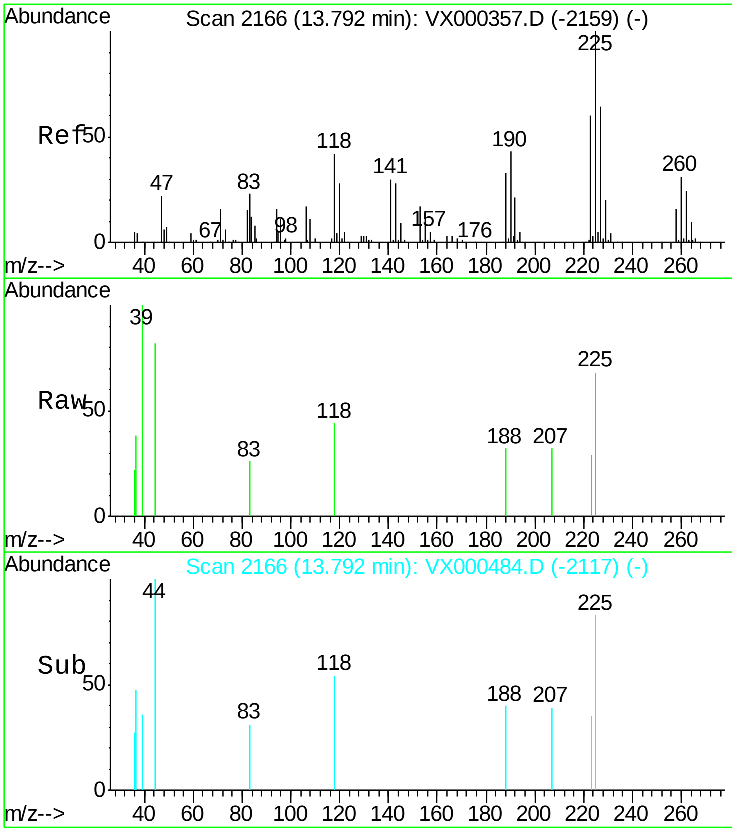


#93
1,2,4-Trichlorobenzene
Concen: 0.32 ug/l
RT: 13.66 min   Scan# 2144
Delta R.T.   0.01 min
Lab File: VX000484.D
Acq: 28 Mar 2018   13:18

Tgt Ion:180 Resp: 613

Ion	Ratio	Lower	Upper
180	100		
182	68.8	47.6	142.9
145	29.2	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: VX000484.D
Acq: 28 Mar 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB107721TB

Tgt Ion:225 Resp: 174

Ion	Ratio	Lower	Upper
225	100		
223	40.2	32.0	96.0
227	0.0	32.6	98.0#