Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000587.D
Acq On : 31 Mar 2018 12:47
Operator : JC/MD
Sample : PB107822TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:15:26 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	139659	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236366	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235901	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125515	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.08	65	96598	52.99 ug/l	0.00
Spiked Amount 50.000			Recovery = 105.98%		
35) Dibromofluoromethane	5.52	113	72725	48.83 ug/l	0.00
Spiked Amount 50.000			Recovery = 97.66%		
50) Toluene-d8	8.73	98	306717	49.73 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%		
62) 4-Bromofluorobenzene	11.15	95	109108	42.86 ug/l	0.00
Spiked Amount 50.000			Recovery = 85.72%		
Target Compounds					Qvalue
5) Bromomethane	1.65	94	444	0.263 ug/l	84
6) Chloroethane	1.73	64	215	Below Cal #	44
10) Methyl Iodide	2.53	142	478	4.532 ug/l #	72
11) Tert butyl alcohol	3.03	59	1592	2.539 ug/l #	72
13) Acrolein	2.31	56	197	15.505 ug/l #	13
14) Allyl chloride	2.72	41	109	Below Cal #	1
15) Acrylonitrile	3.15	53	392	0.309 ug/l #	64
16) Acetone	2.45	43	7102	4.683 ug/l #	89
17) Carbon Disulfide	2.57	76	1477	0.382 ug/l #	63
20) Methylene Chloride	2.86	84	1198	0.684 ug/l #	87
25) 2-Butanone	4.73	43	1098	0.644 ug/l #	82
31) Cyclohexane	5.67	56	3455	1.502 ug/l #	21
36) 1,1-Dichloropropene	5.68	75	10907	4.926 ug/l #	51
38) Carbon Tetrachloride	5.68	117	14210	6.118 ug/l #	14
43) Isopropyl Acetate	6.47	43	1482	0.329 ug/l #	73
51) 4-Methyl-2-Pentanone	8.67	43	1341	0.385 ug/l #	60
60) Dibromochloromethane	9.34	129	112	4.164 ug/l #	12
74) N-amyl acetate	6.47	43	1482	Below Cal #	99
76) 1,2,3-Trichloropropane	11.15	75	61090	22.647 ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.15	75	61090	73.322 ug/l #	9
95) Naphthalene	13.84	128	2754	0.269 ug/l	98

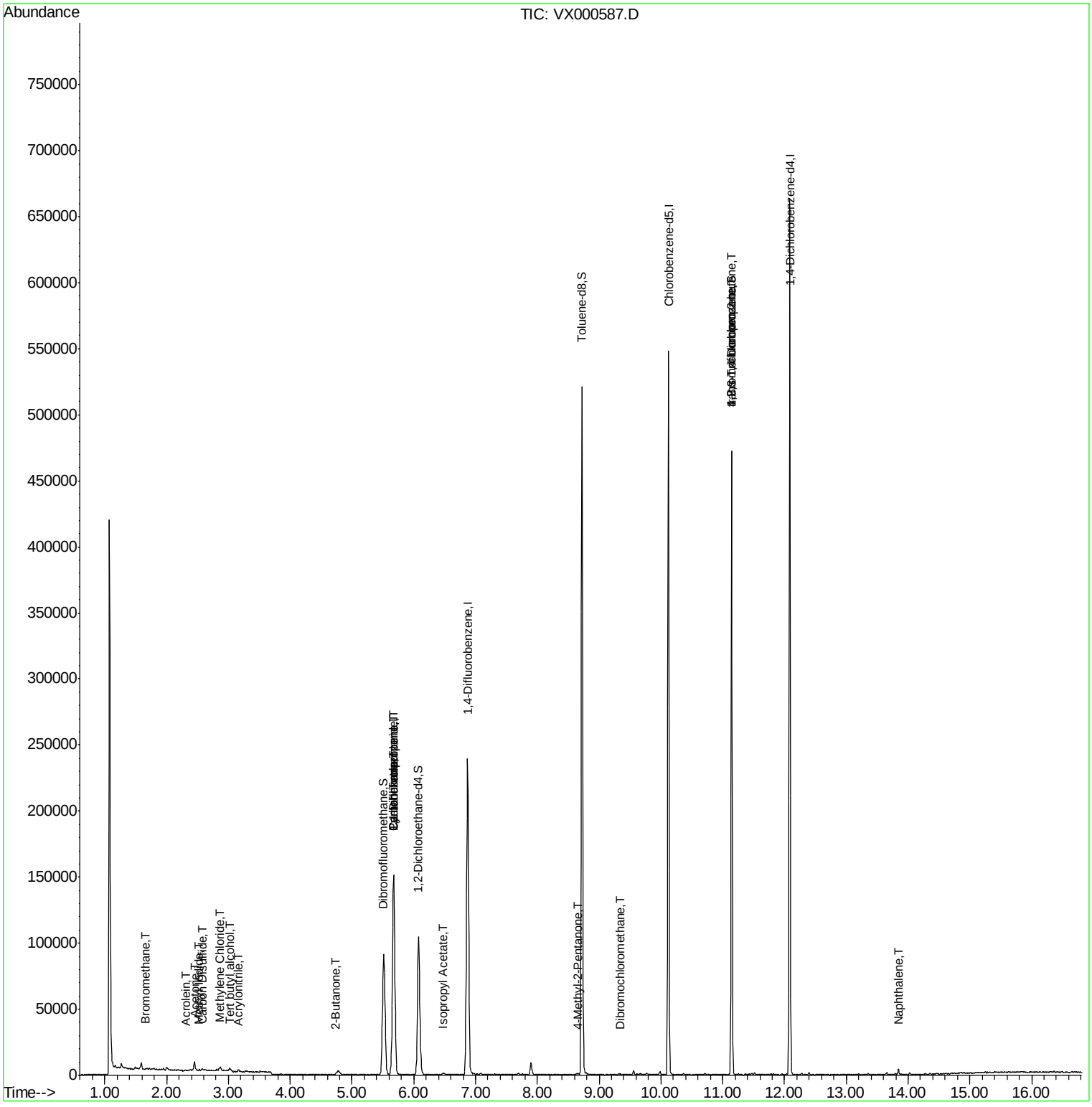
(#) = qualifier out of range (m) = manual integration (+) = signals summed

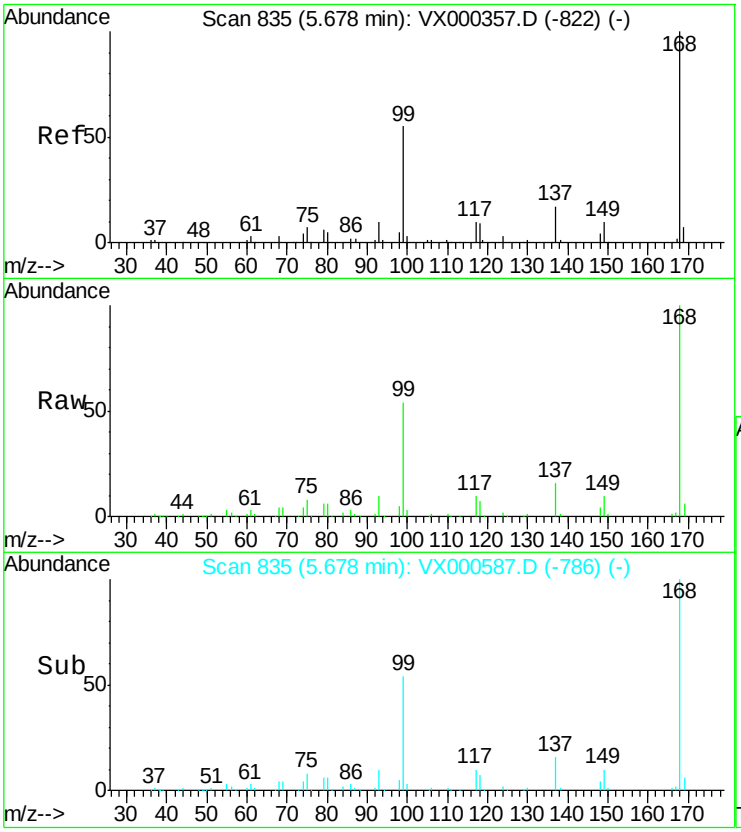
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
Data File : VX000587.D
Acq On : 31 Mar 2018 12:47
Operator : JC/MD
Sample : PB107822TB 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:15:26 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



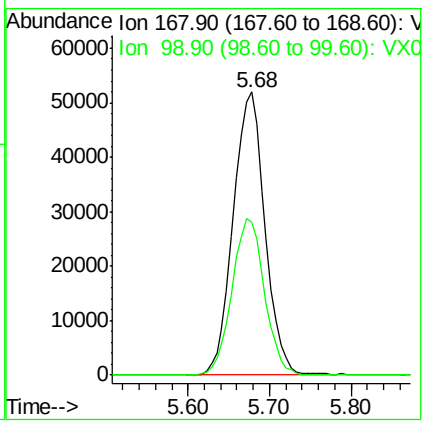


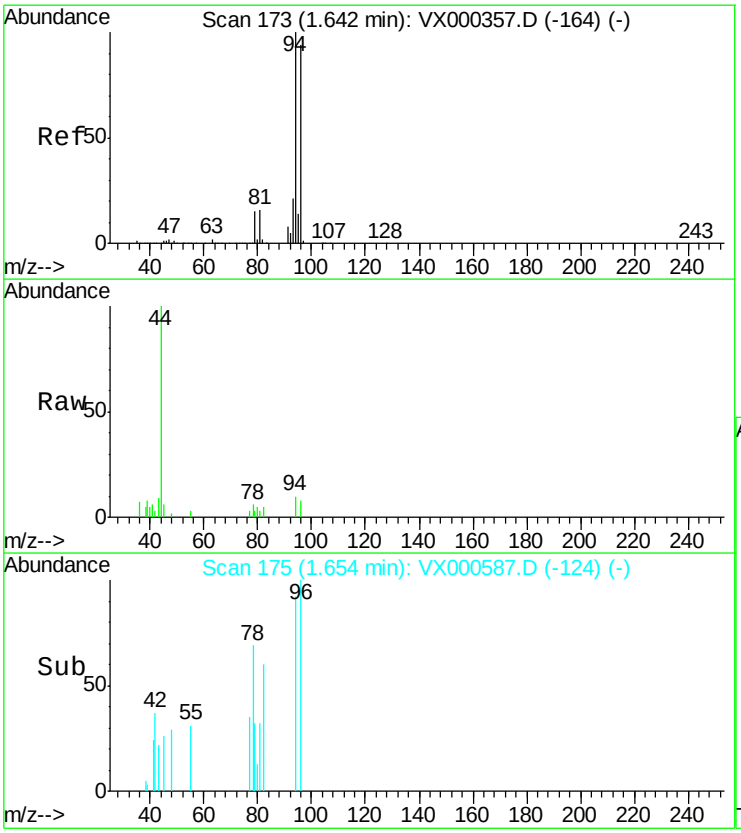
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 139659

Ion	Ratio	Lower	Upper
168	100		
99	53.8	45.8	68.6

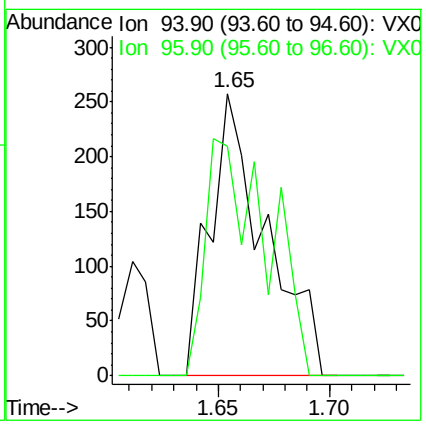


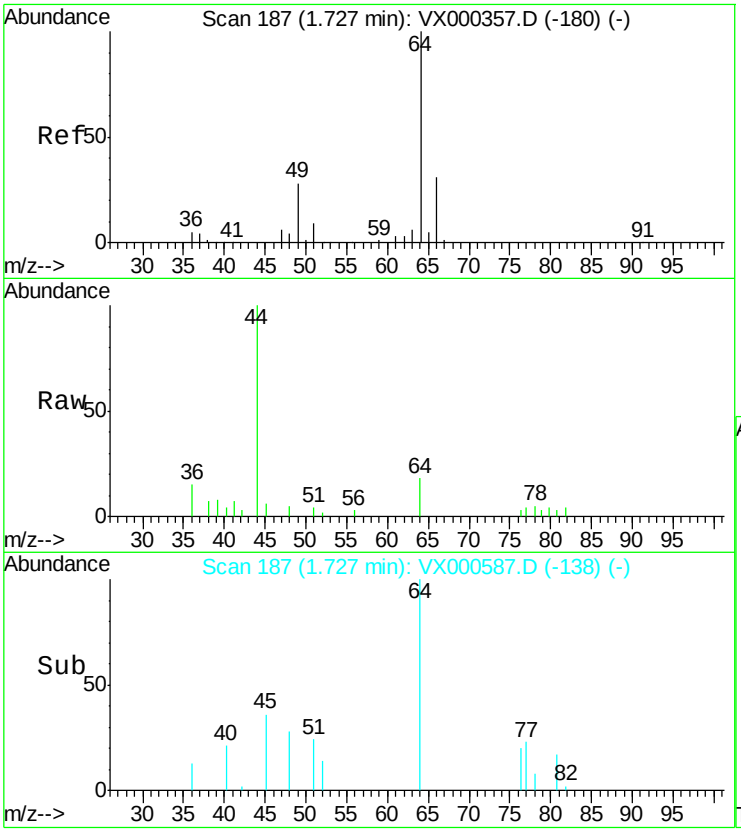


#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 94 Resp: 444

Ion	Ratio	Lower	Upper
94	100		
96	81.4	77.7	116.5



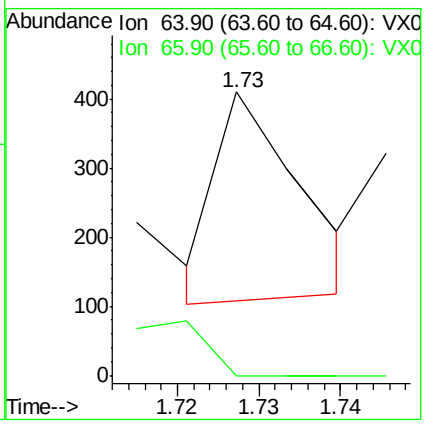


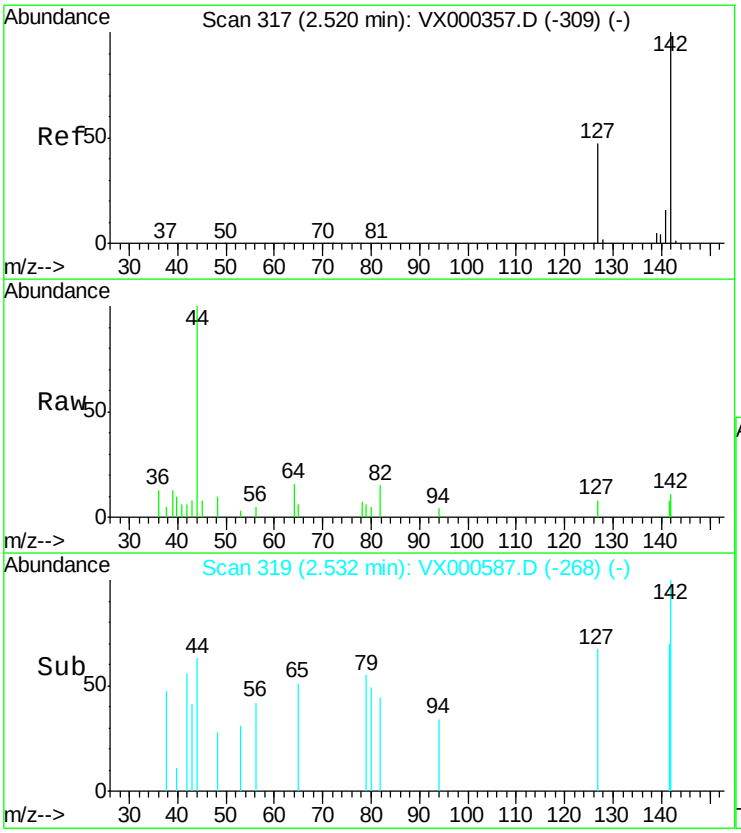
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 215

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

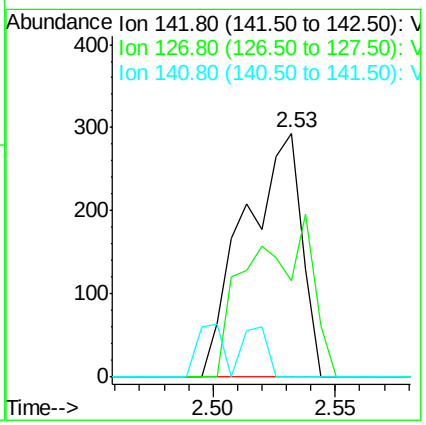


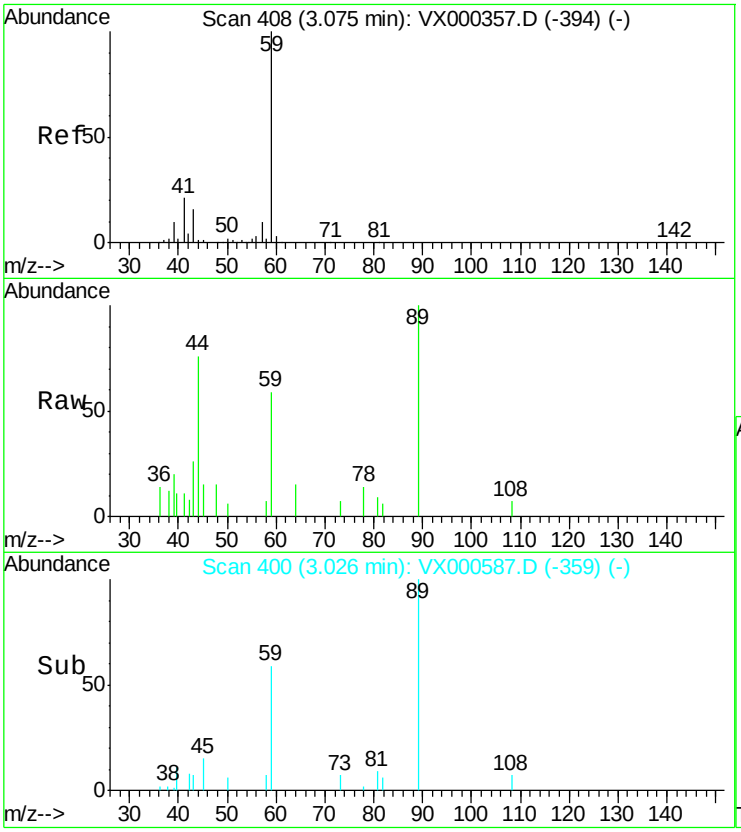


#10
Methyl Iodide
Concen: 4.532 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion:142 Resp: 478

Ion	Ratio	Lower	Upper
142	100		
127	70.7	39.2	58.8#
141	8.8	11.7	17.5#



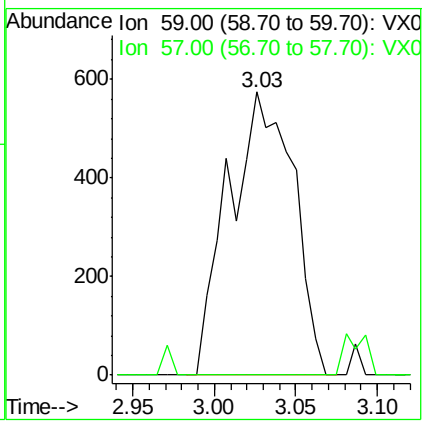


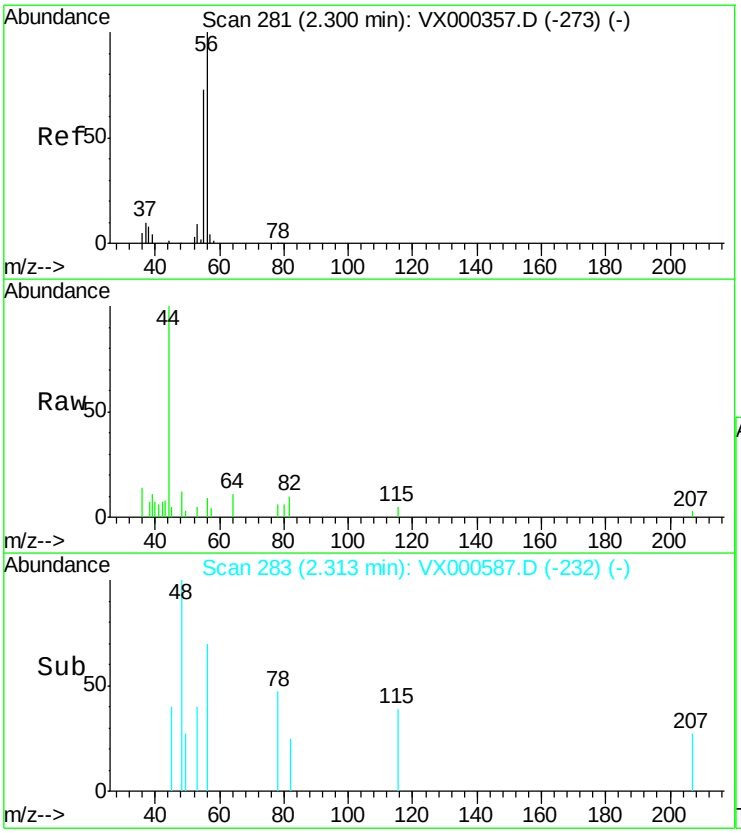
#11
Tert butyl alcohol
Concen: 2.539 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1592

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

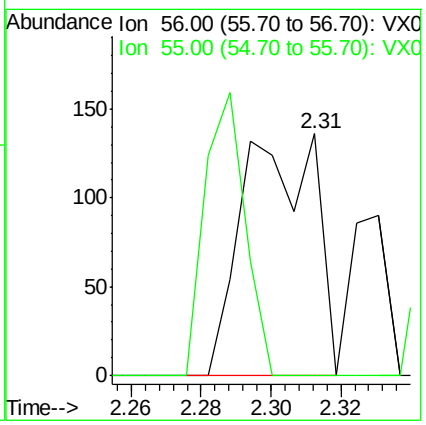


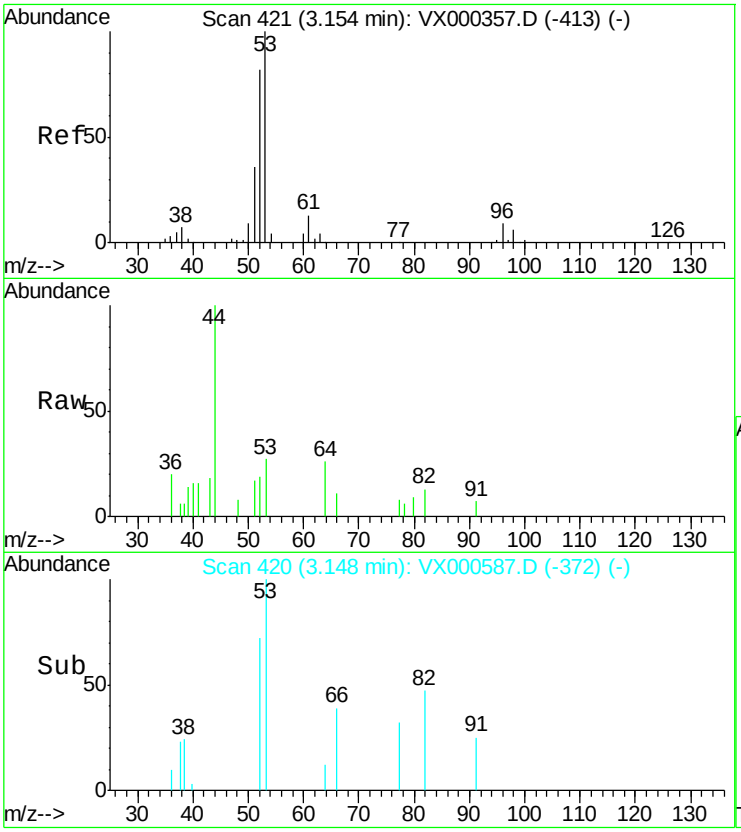


#13
Acrolein
Concen: 15.505 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 56 Resp: 197

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#



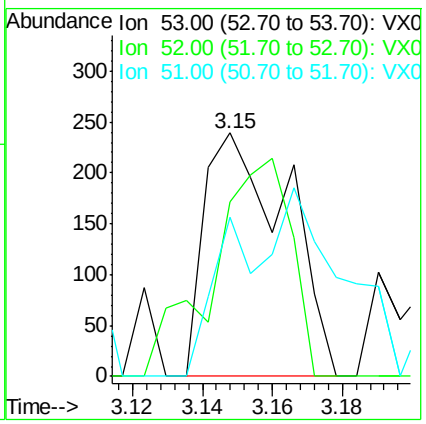


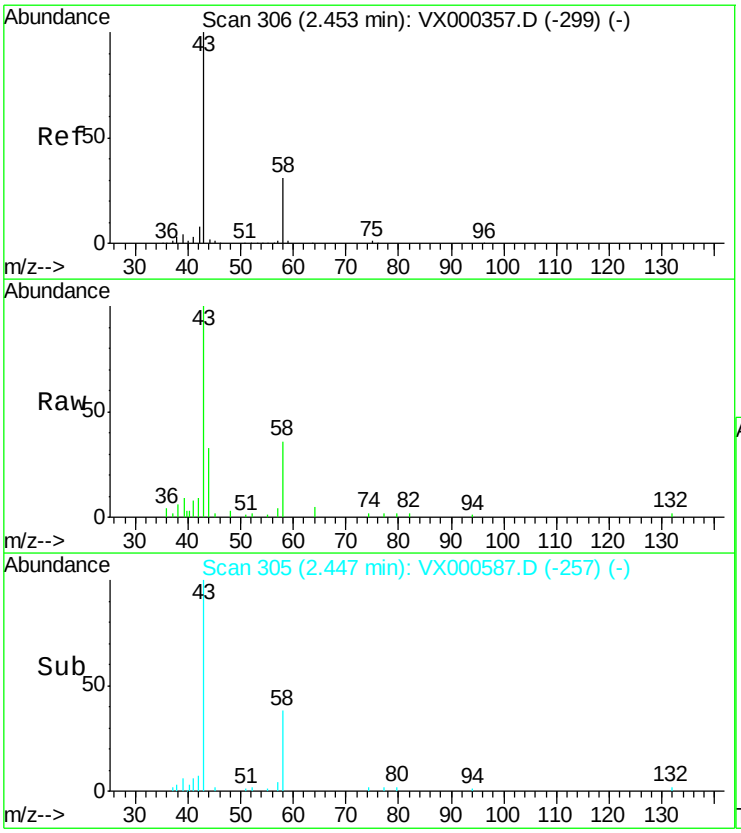
#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 392

Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.6	99.8
51	103.1	29.3	43.9#

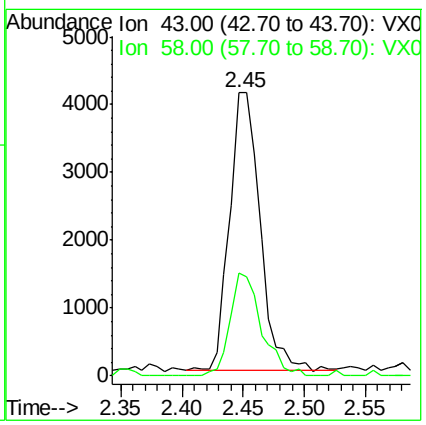


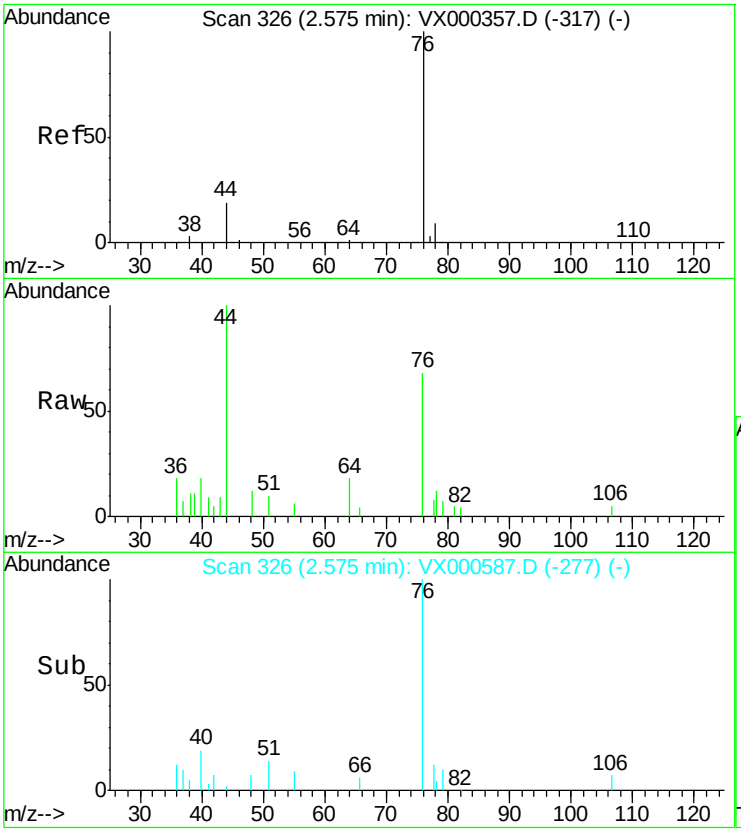


#16
Acetone
Concen: 4.683 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 43 Resp: 7102

Ion	Ratio	Lower	Upper
43	100		
58	37.1	24.7	37.1#



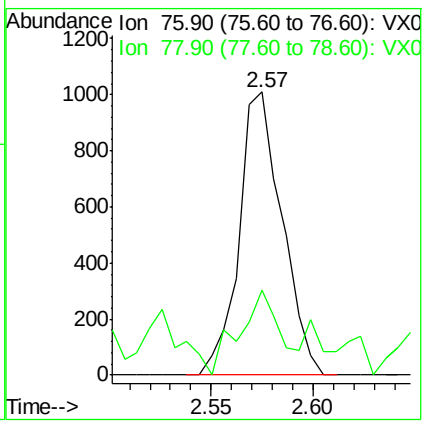


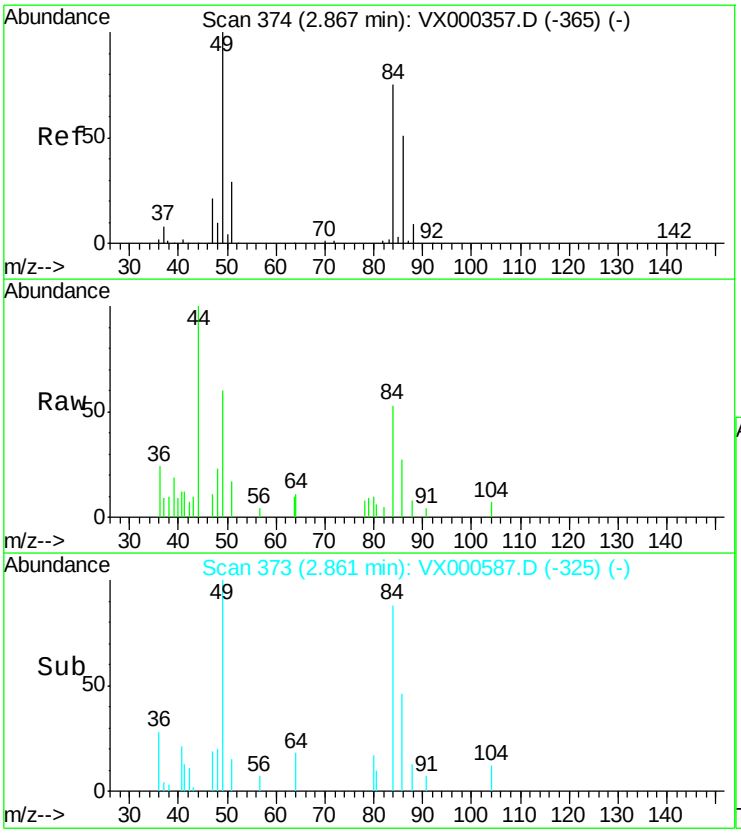
#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1477

Ion	Ratio	Lower	Upper
76	100		
78	22.1	7.0	10.6#

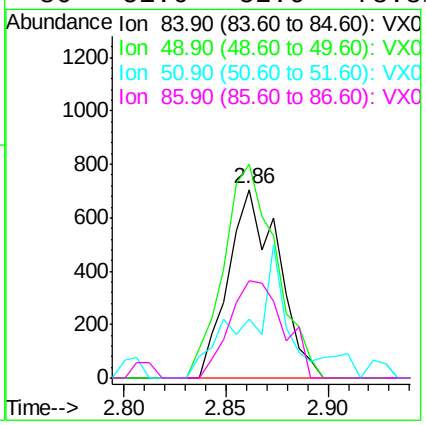


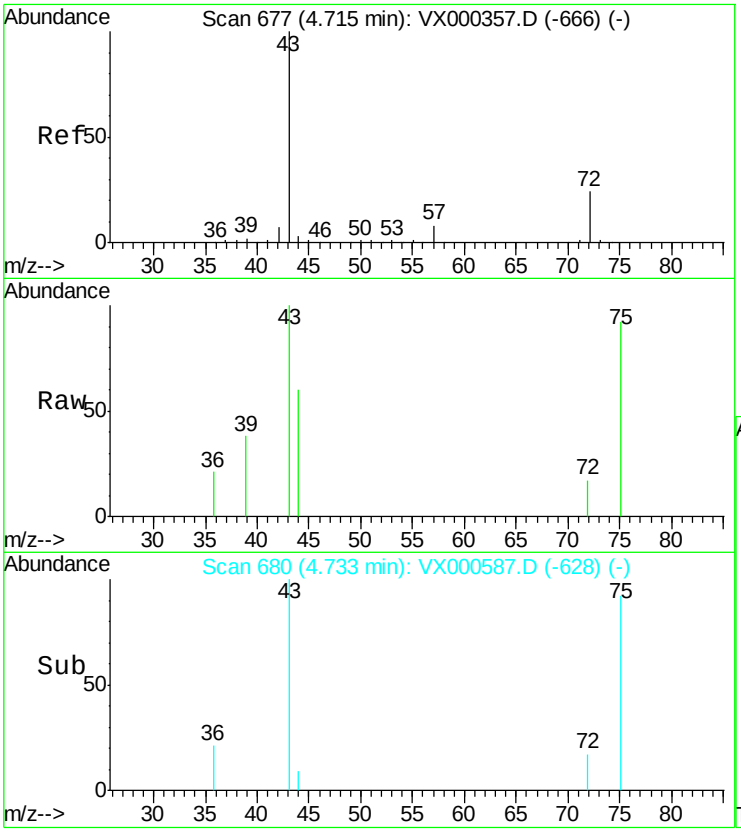


#20
Methylene Chloride
Concen: 0.684 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 84 Resp: 1198

Ion	Ratio	Lower	Upper
84	100		
49	113.5	100.6	151.0
51	31.3	31.6	47.4#
86	51.6	52.6	78.8#



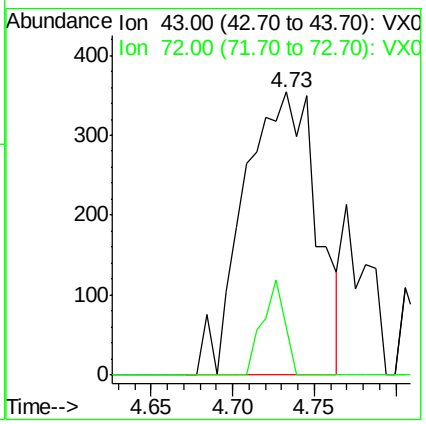


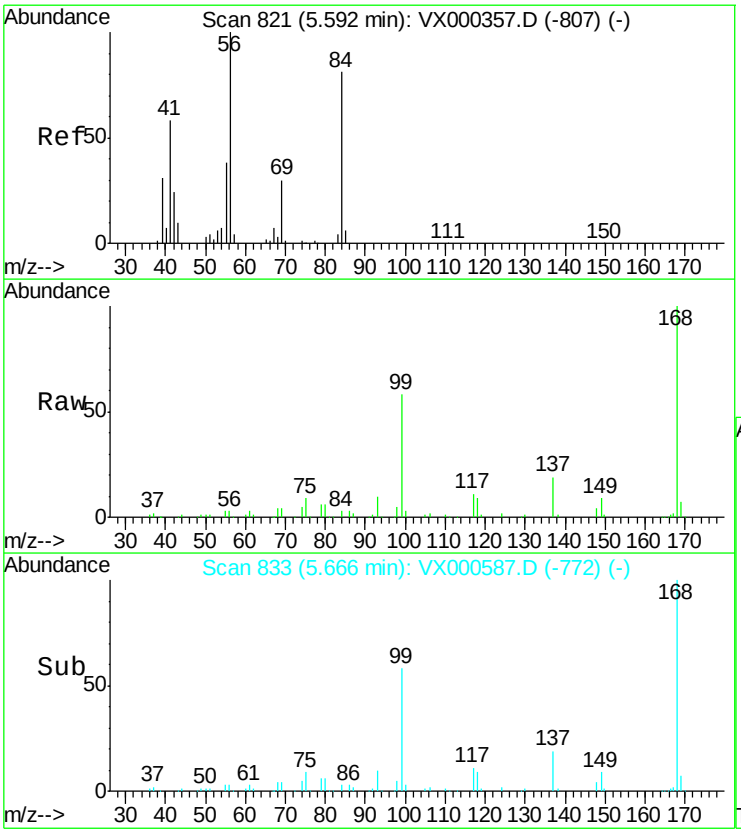
#25
2-Butanone
Concen: 0.644 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1098

Ion	Ratio	Lower	Upper
43	100		
72	16.9	21.0	31.6#

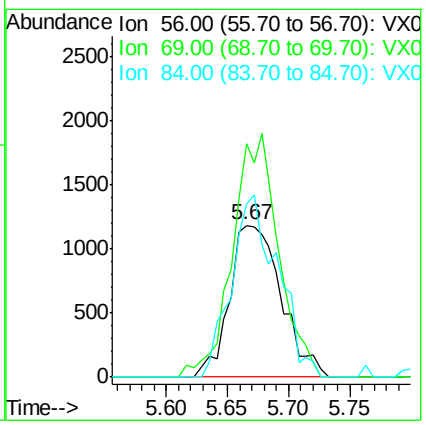


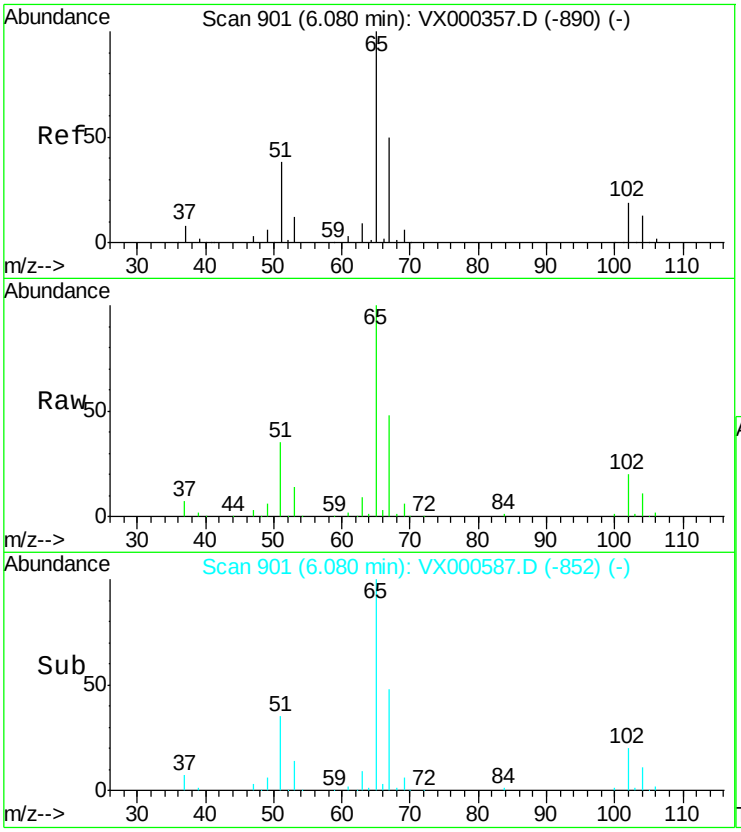


#31
Cyclohexane
Concen: 1.502 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 56 Resp: 3455

Ion	Ratio	Lower	Upper
56	100		
69	154.4	23.4	35.0#
84	114.5	71.0	106.4#



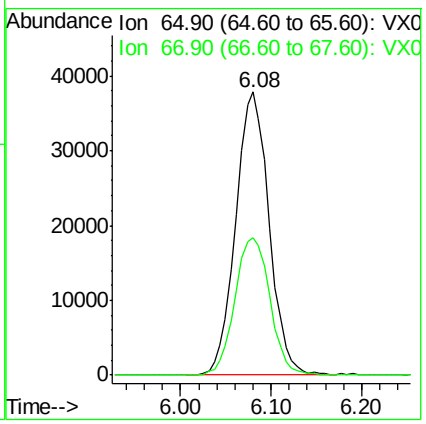


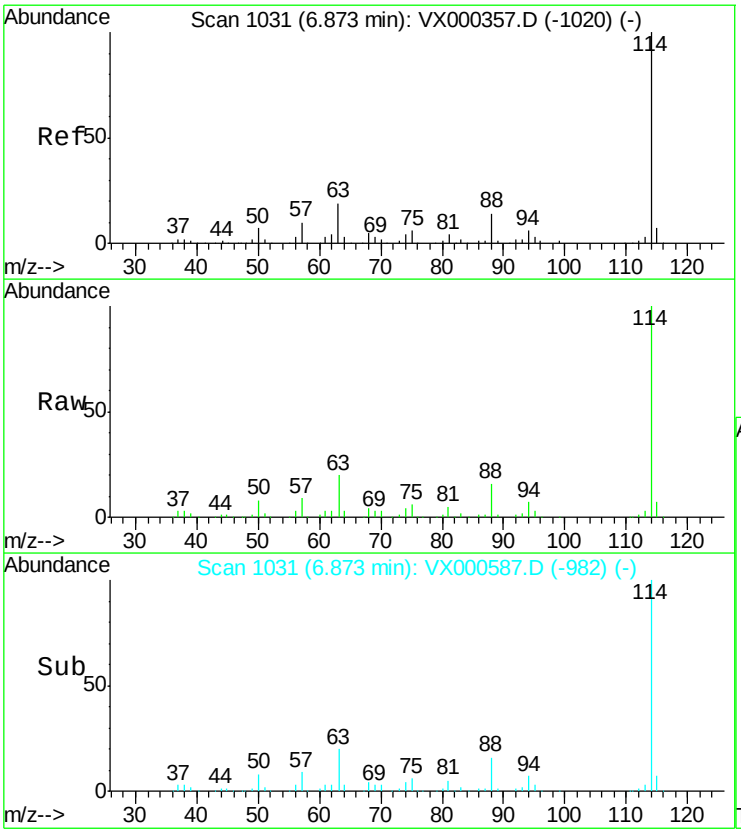
#33
1,2-Dichloroethane-d4
Concen: 52.987 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 96598

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.2

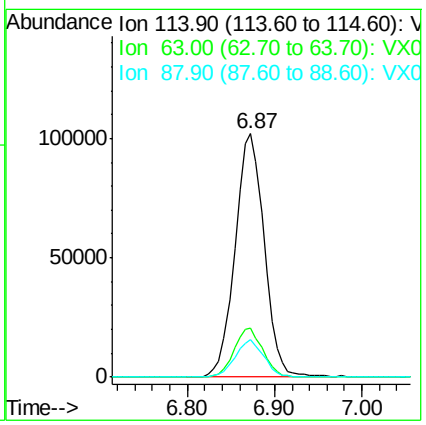


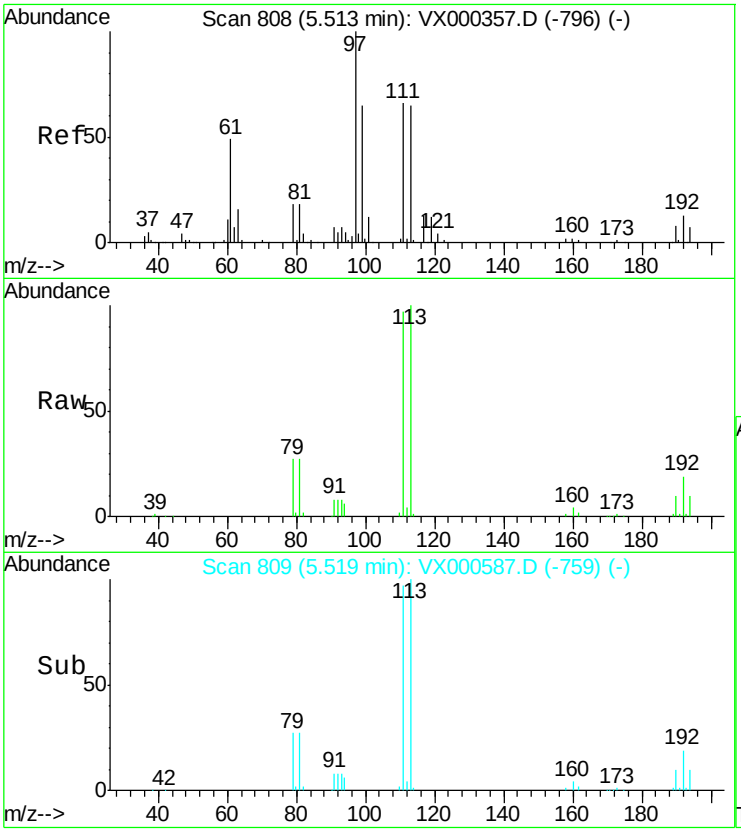


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion:114 Resp: 236366

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.7	0.0	27.0



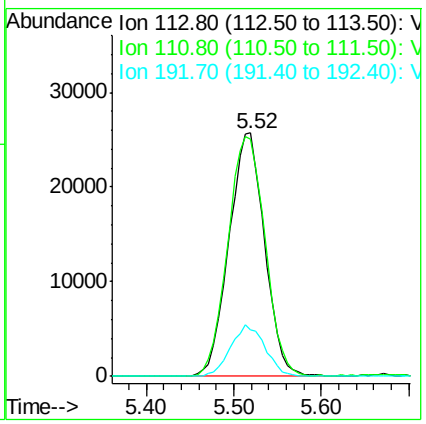


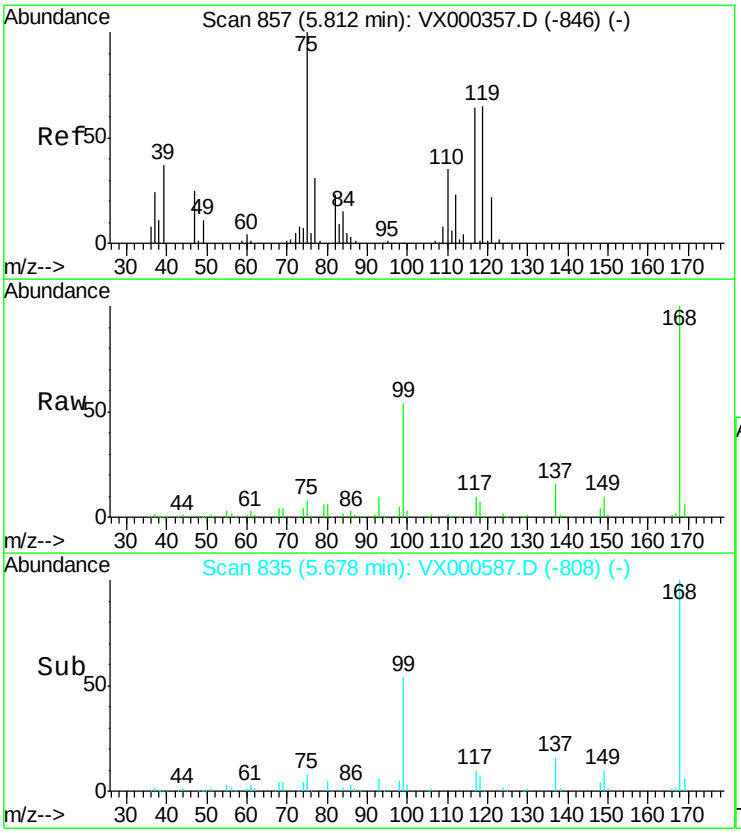
#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 72725

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.4	15.8	23.6

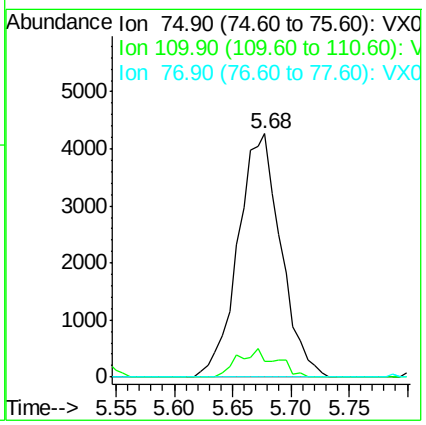


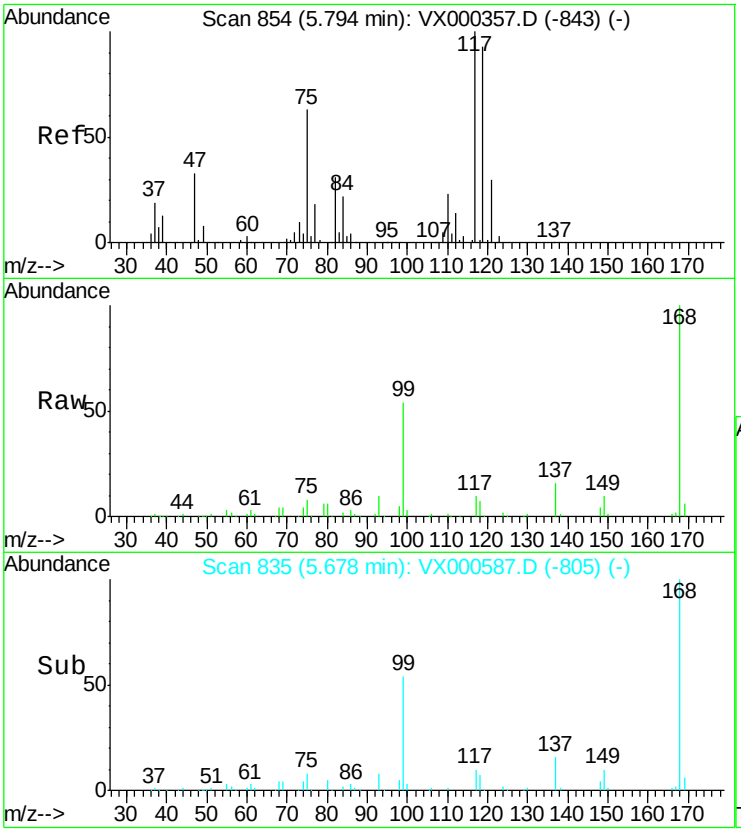


#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 75 Resp: 10907

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.7#
77	0.0	24.0	36.0#



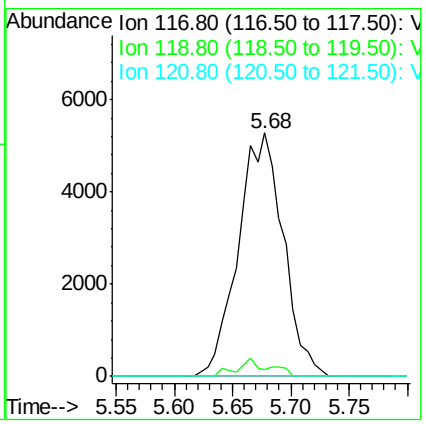


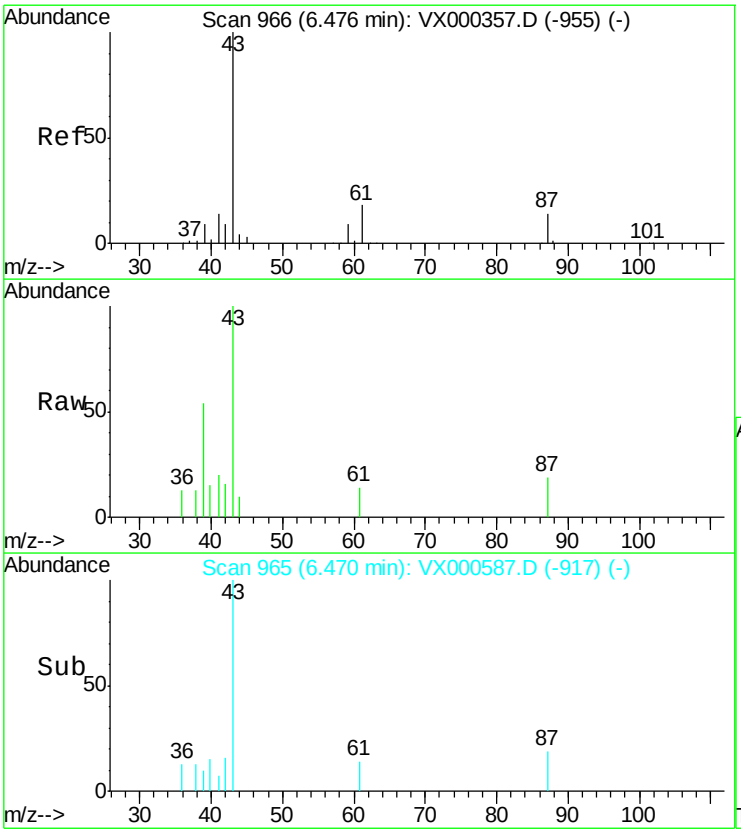
#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 14210

Ion	Ratio	Lower	Upper
117	100		
119	2.6	77.4	116.2#
121	0.0	24.8	37.2#

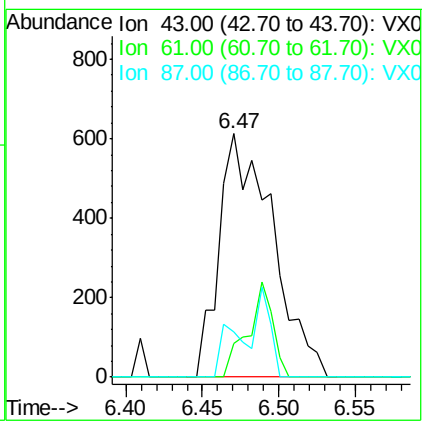


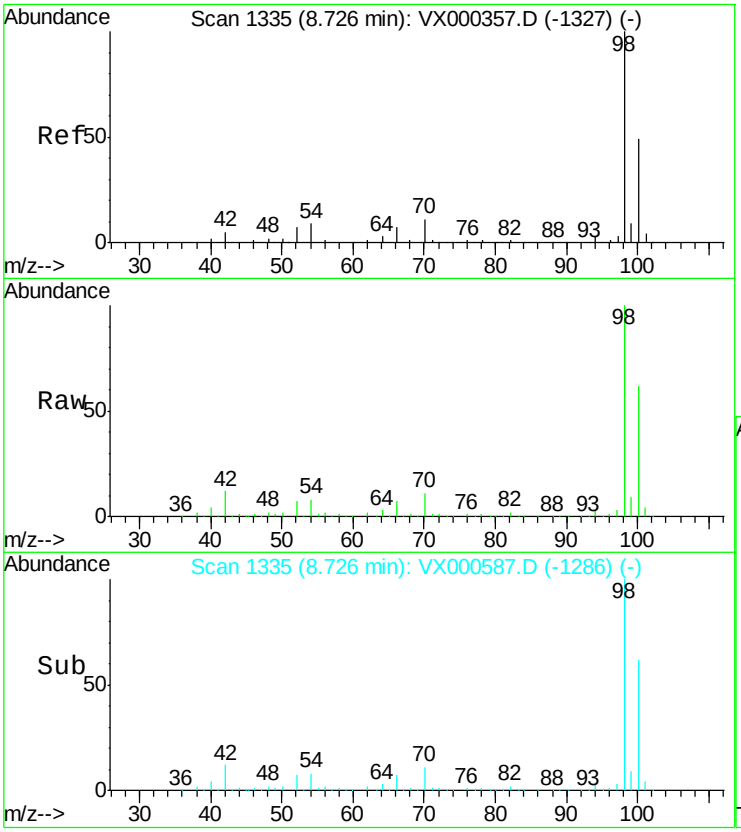


#43
Isopropyl Acetate
Concen: 0.329 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 43 Resp: 1482

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	10.1	11.0	16.4#



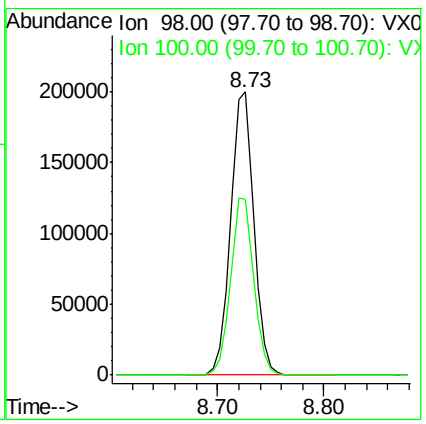


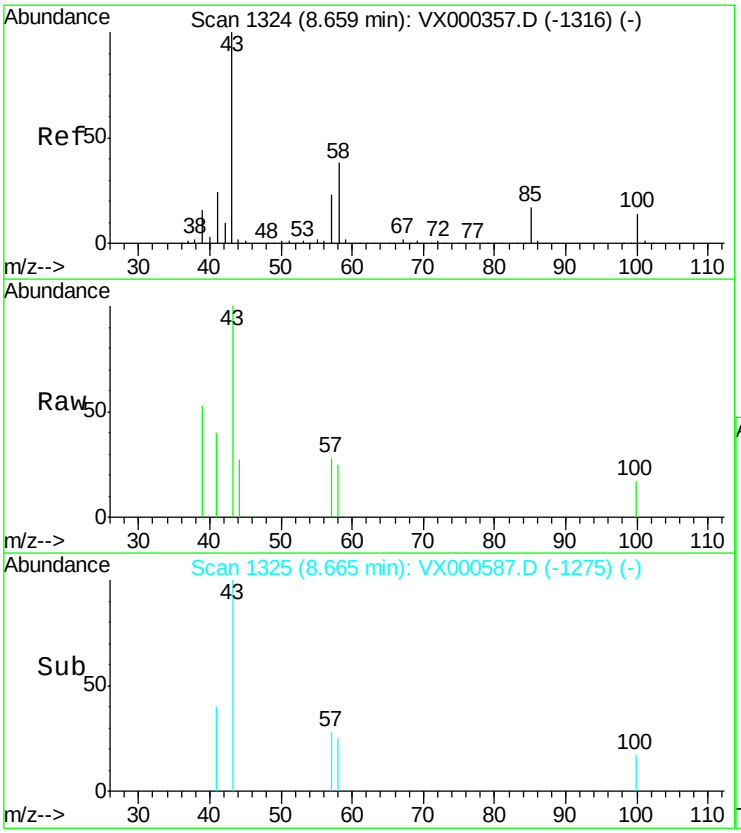
#50
Toluene-d8
Concen: 49.726 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 306717

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.2	76.8

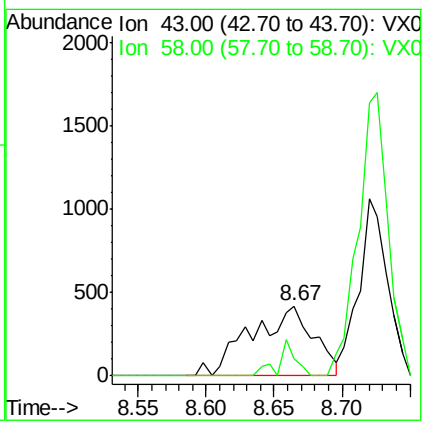


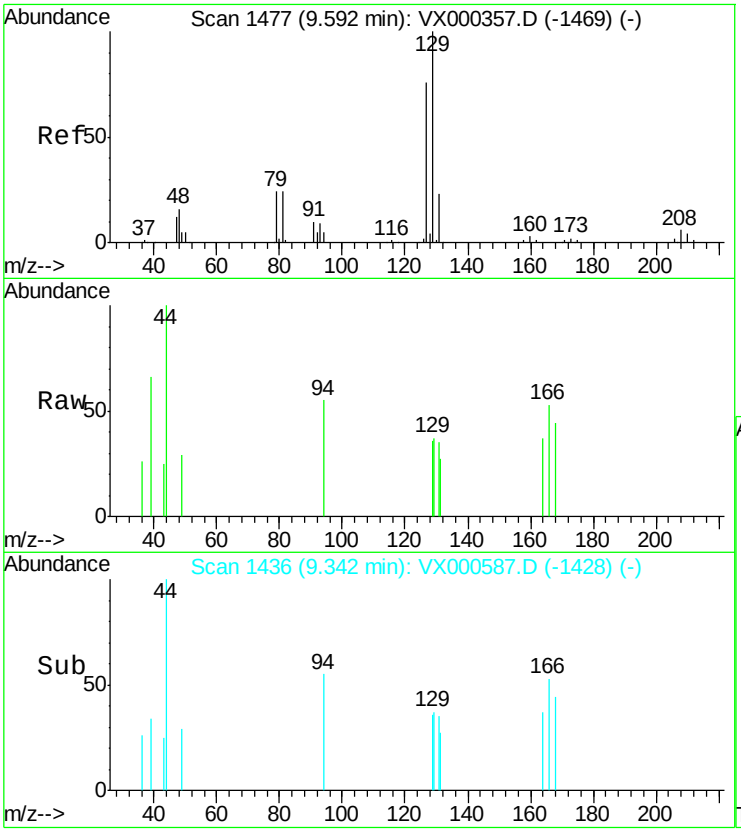


#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 43 Resp: 1341

Ion	Ratio	Lower	Upper
43	100		
58	13.8	30.3	45.5#



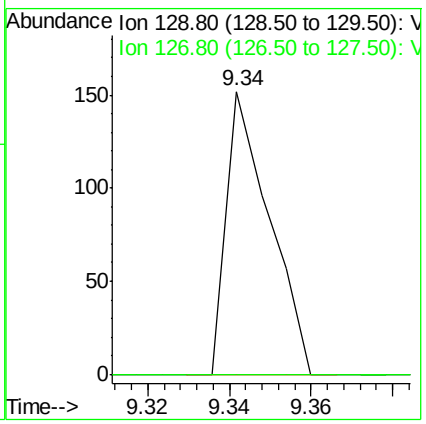


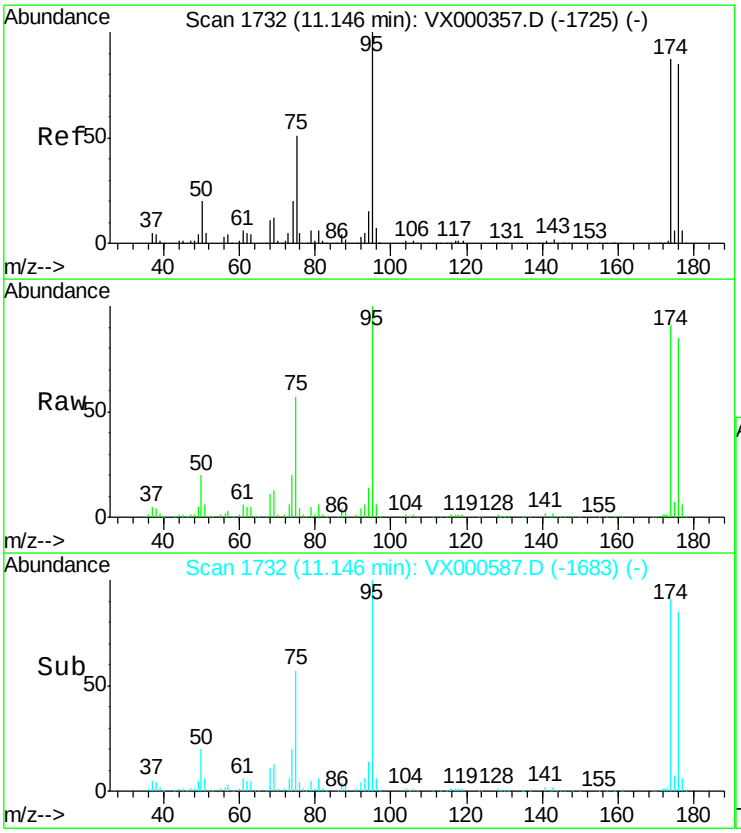
#60
Dibromochloromethane
Concen: 4.164 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 112

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#

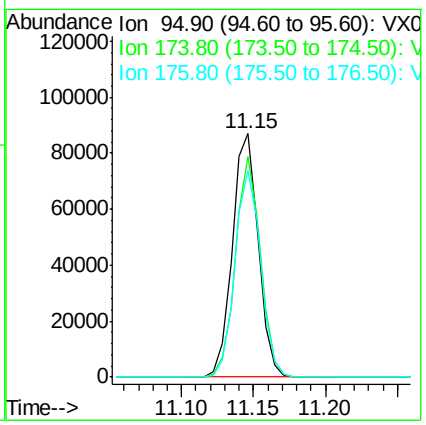


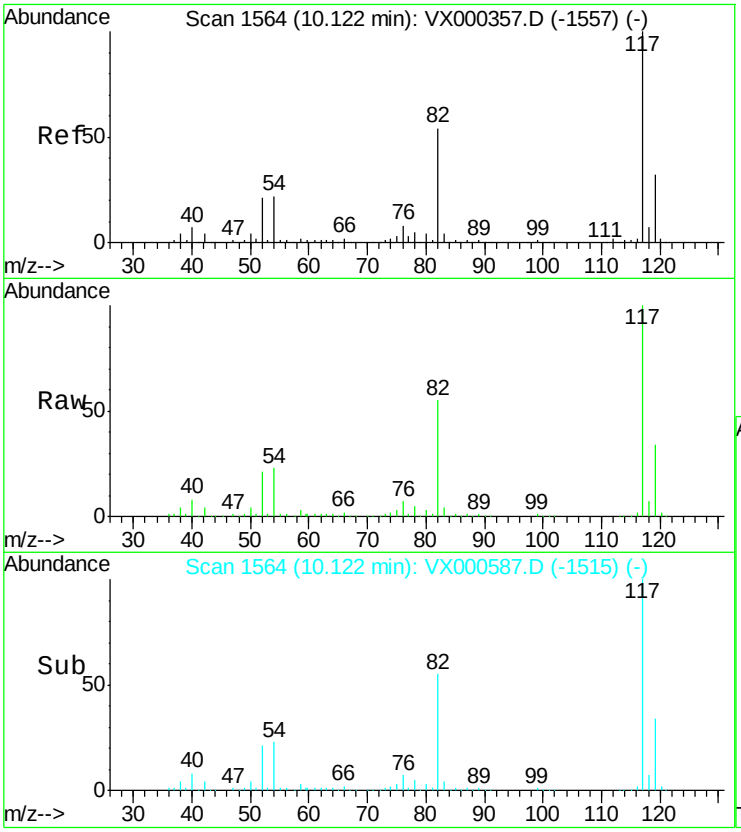


#62
4-Bromofluorobenzene
Concen: 42.865 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 95 Resp: 109108

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	173.6
176	83.8	0.0	164.6



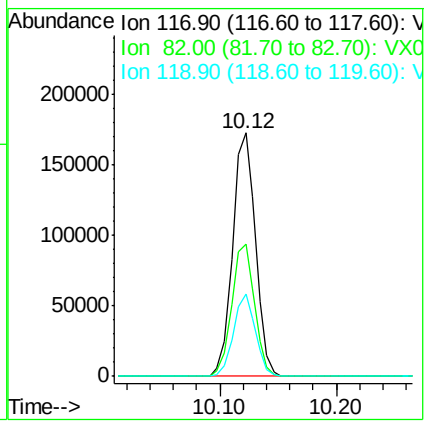


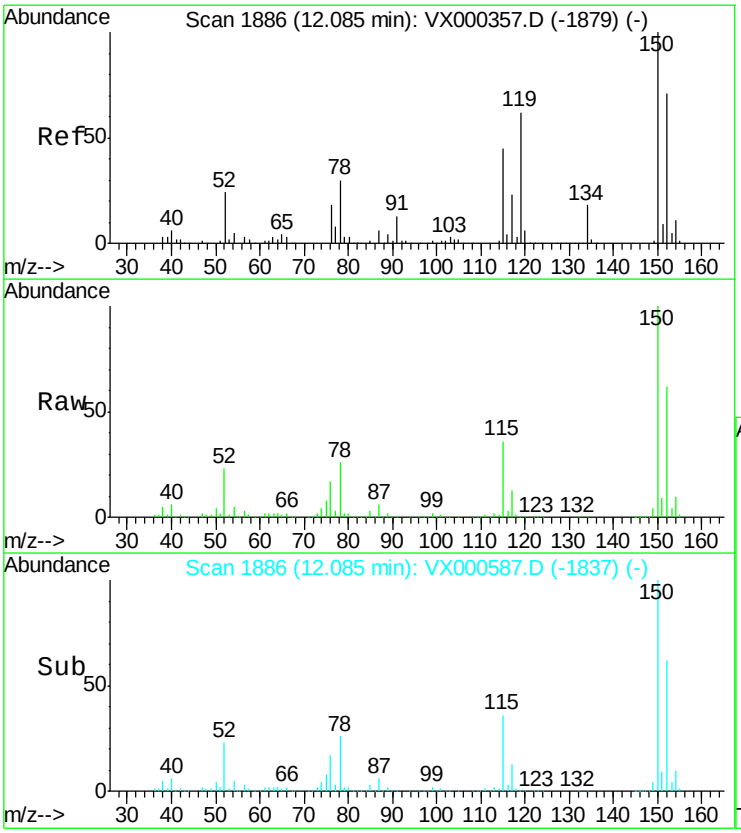
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 235901

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.8
119	33.9	24.9	37.3

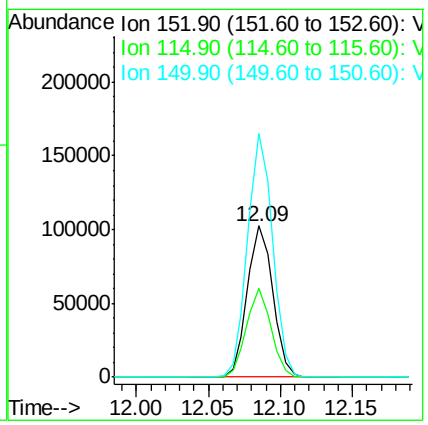


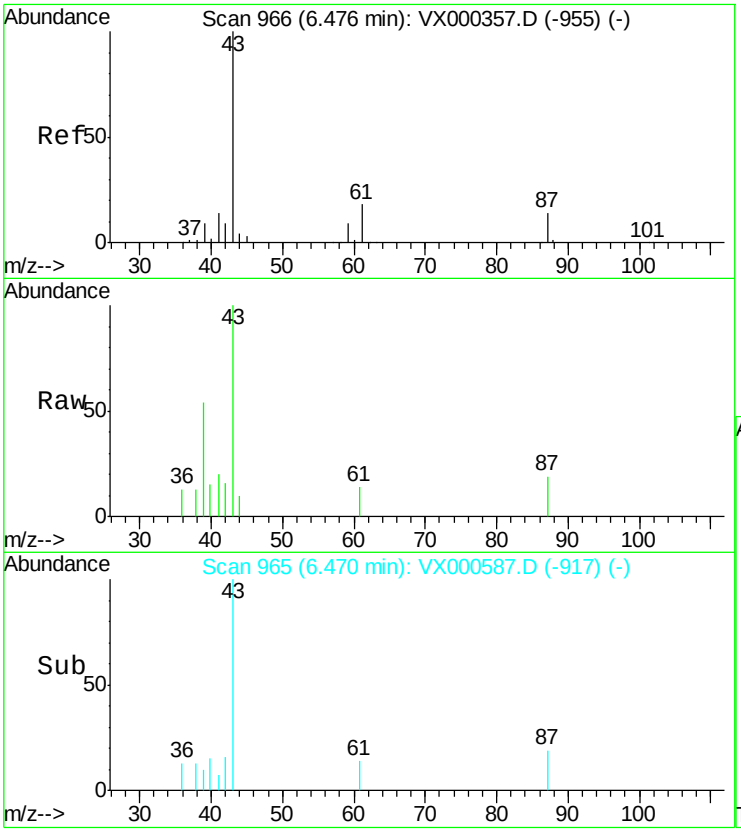


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion:152 Resp: 125515

Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.8	119.3
150	157.8	0.0	344.4



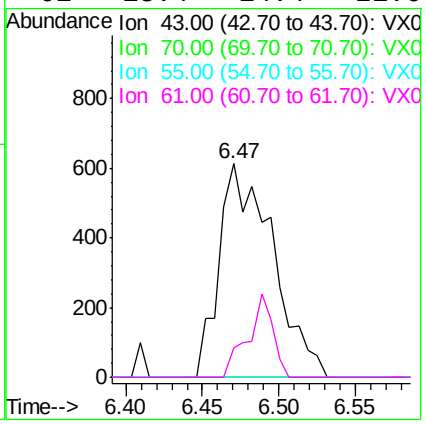


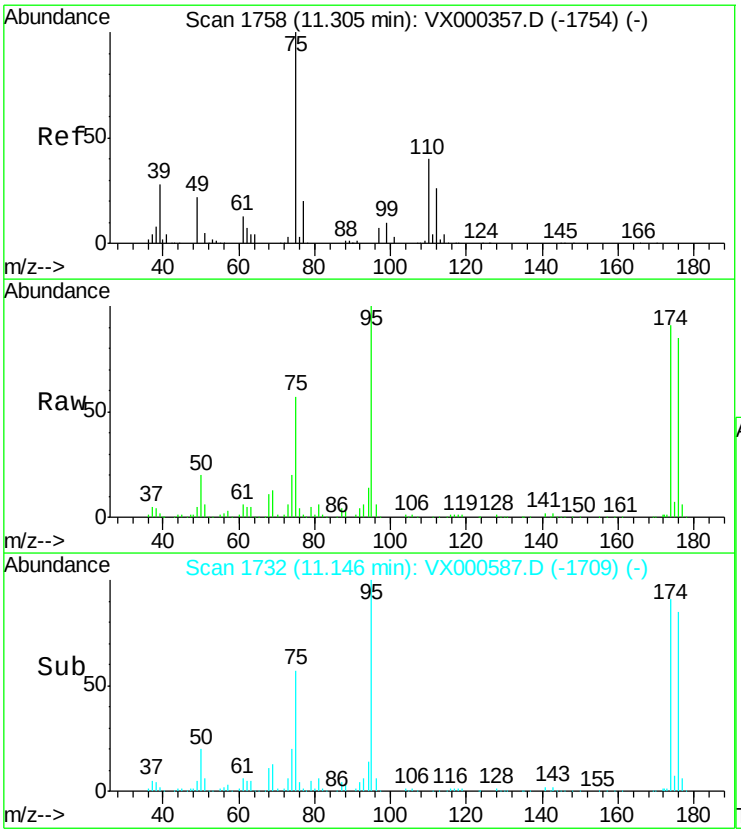
#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1482

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.4	14.4	21.6

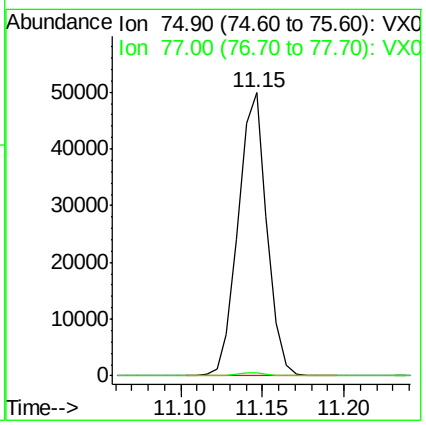


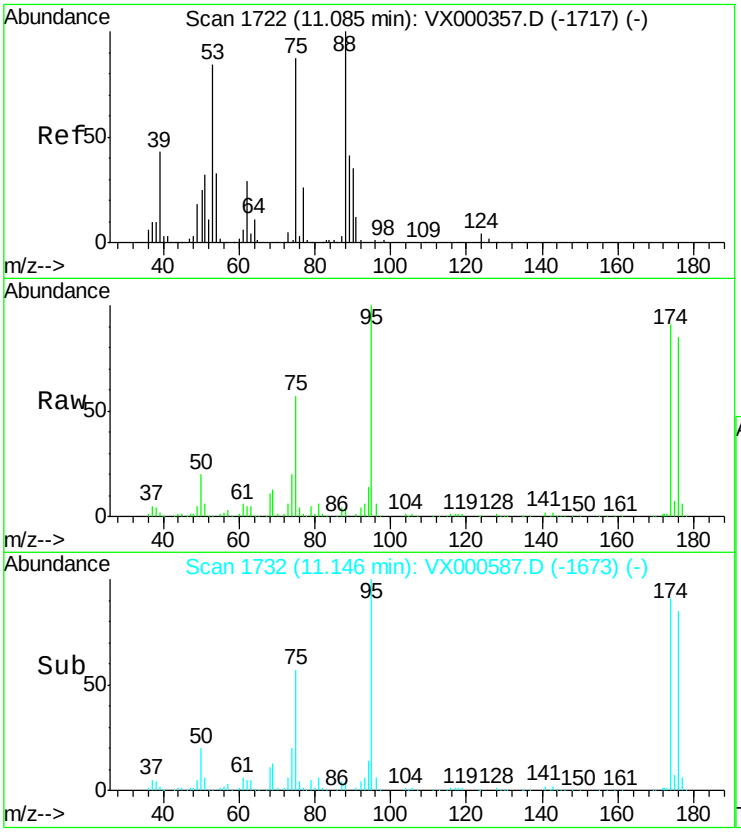


#76
1,2,3-Trichloropropane
Concen: 22.647 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion: 75 Resp: 61090

Ion	Ratio	Lower	Upper
75	100		
77	1.0	21.4	64.2#



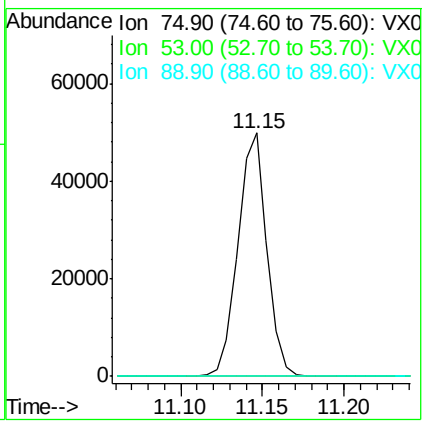


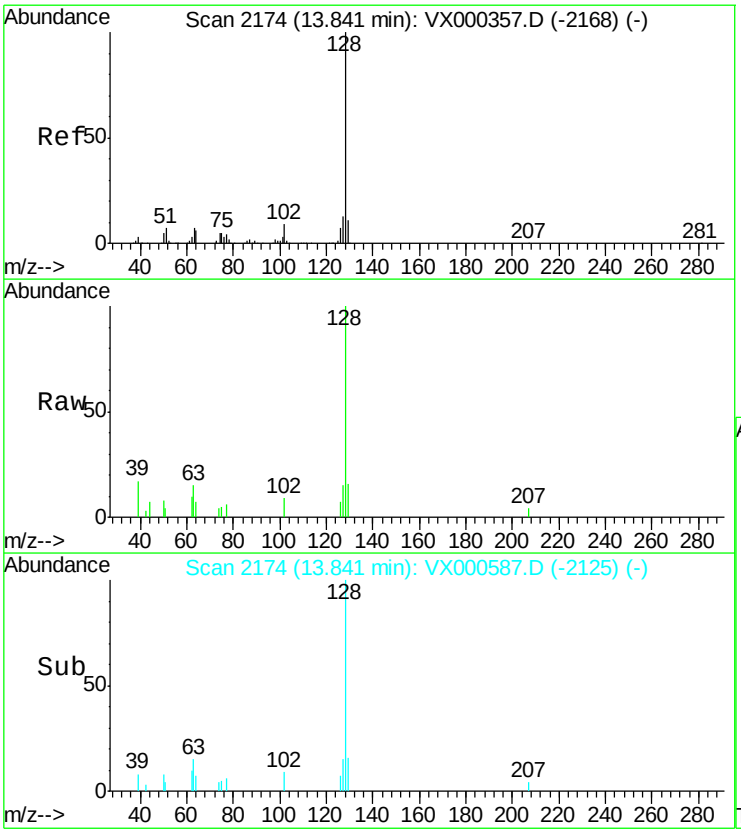
#81
trans-1,4-Dichloro-2-butene
Concen: 73.322 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61090

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





#95
Naphthalene
Concen: 0.269 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000587.D
Acq: 31 Mar 2018 12:47

Tgt Ion:128 Resp: 2754

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.6	15.8
129	11.0	8.9	13.3