Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005437.D
Acq On : 17 Sep 2018 16:45
Operator : SY/AP
Sample : J4943-01
Misc : 3.05G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR200051

Quant Time: Sep 18 01:03:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	181019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	187298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	94702	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.80%			
35) Dibromofluoromethane	7.89	113	73490	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
50) Toluene-d8	10.33	98	244654	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.46%			
62) 4-Bromofluorobenzene	12.62	95	53149	19.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 39.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	210	Below Cal		96
5) Bromomethane	2.78	94	238	Below Cal	#	80
8) Diethyl Ether	3.68	74	2114	2.682	ug/l	51
10) Methyl Iodide	4.29	142	52	4.076	ug/l #	38
11) Tert butyl alcohol	5.23	59	398	Below Cal	#	71
16) Acetone	4.15	43	1552	Below Cal	#	75
18) Methyl Acetate	4.69	43	6709	7.430	ug/l	98
20) Methylene Chloride	4.93	84	10146	Below Cal		96
31) Cyclohexane	7.96	56	4055	1.352	ug/l #	24
36) 1,1-Dichloropropene	7.96	75	14267	5.337	ug/l #	51
38) Carbon Tetrachloride	7.96	117	17488	6.278	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	26811	74.135	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	26811	192.311	ug/l #	8

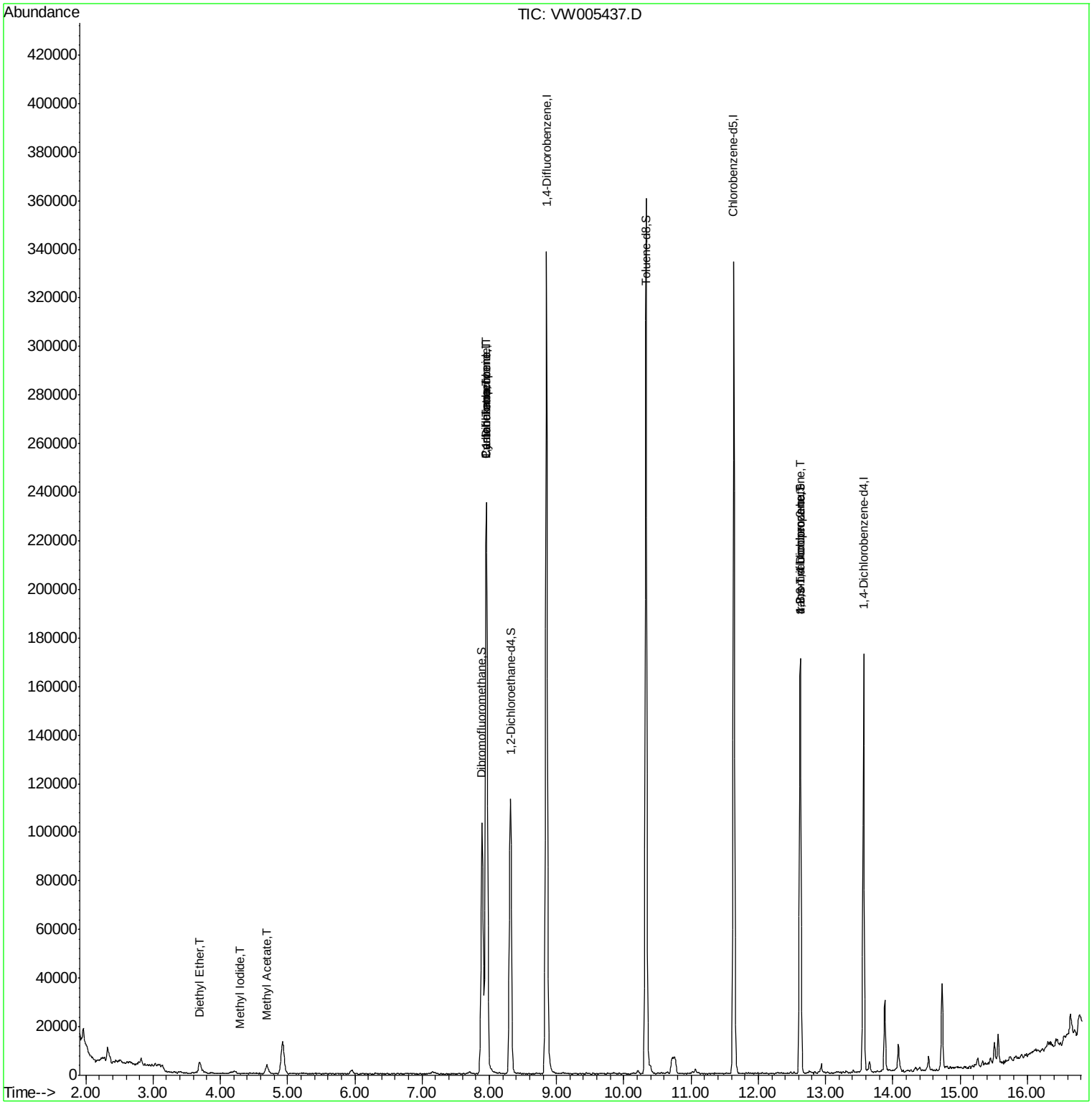
(#) = qualifier out of range (m) = manual integration (+) = signals summed

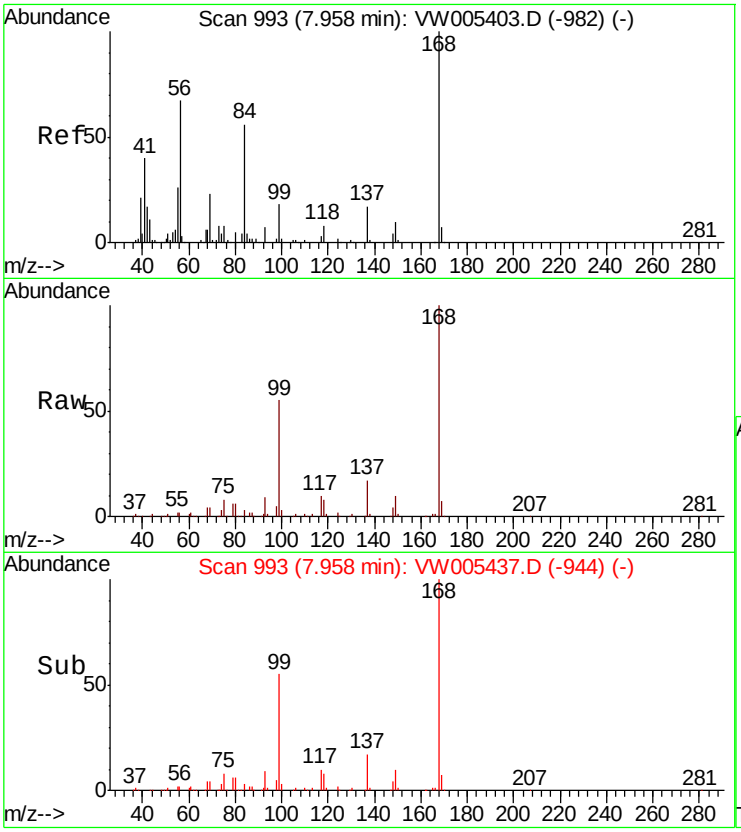
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005437.D
Acq On : 17 Sep 2018 16:45
Operator : SY/AP
Sample : J4943-01
Misc : 3.05G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR200051

Quant Time: Sep 18 01:03:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration



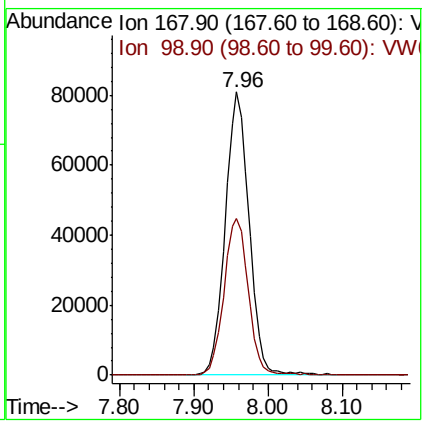


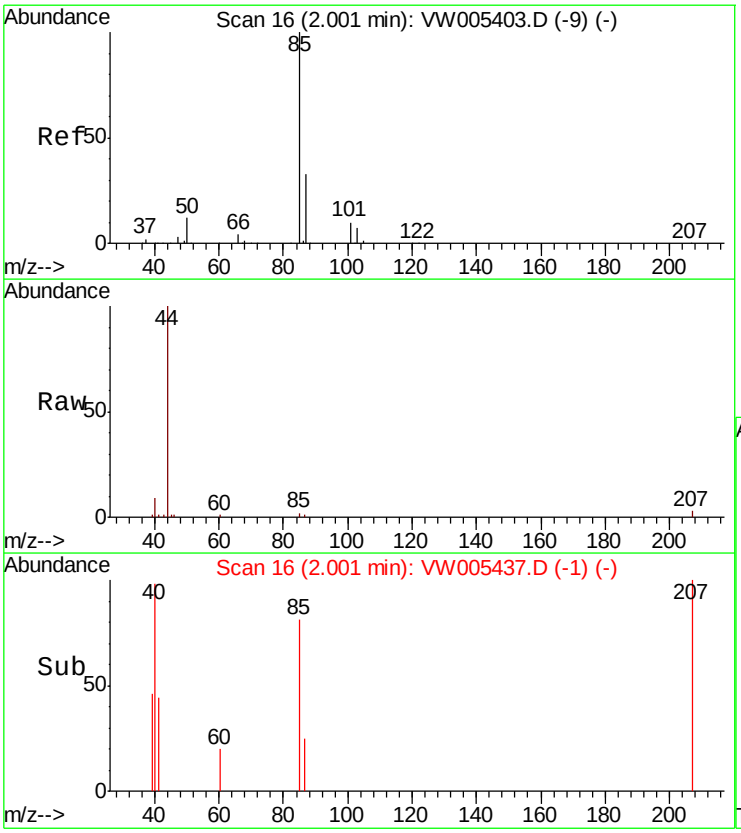
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument :
MSVOA_W
ClientSampleId :
RBR200051

Tgt Ion:168 Resp: 181019

Ion	Ratio	Lower	Upper
168	100		
99	55.3	45.0	67.6

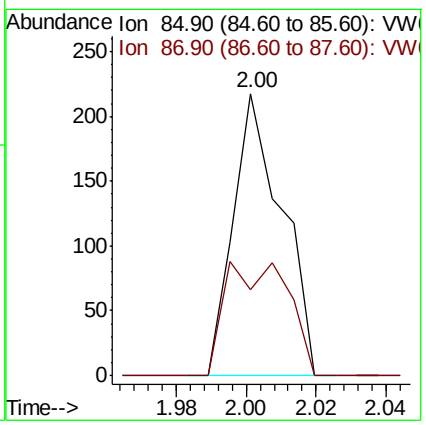


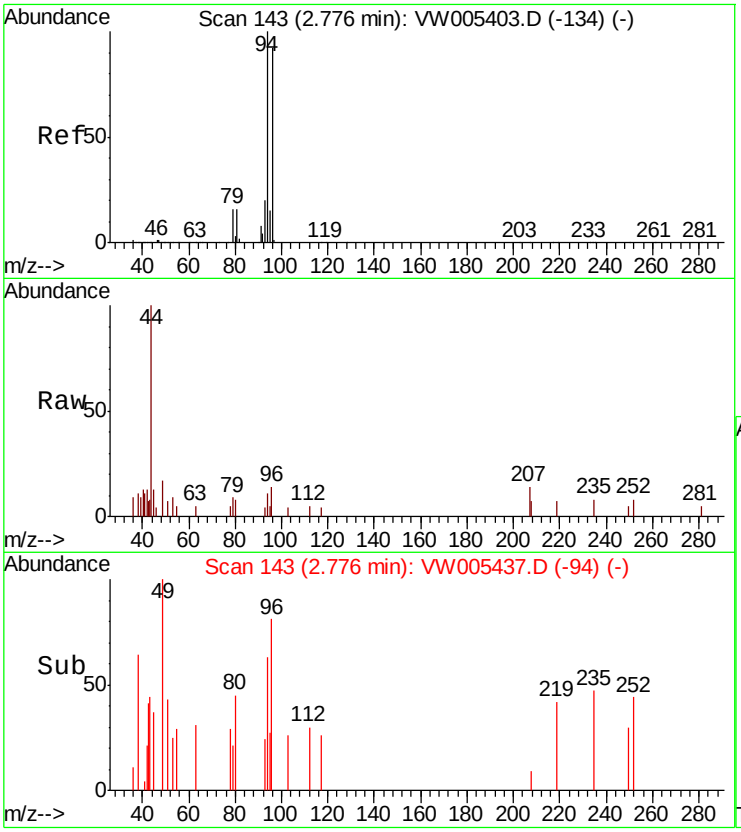


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 16
Delta R.T. 0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 85 Resp: 210

Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.4	49.1



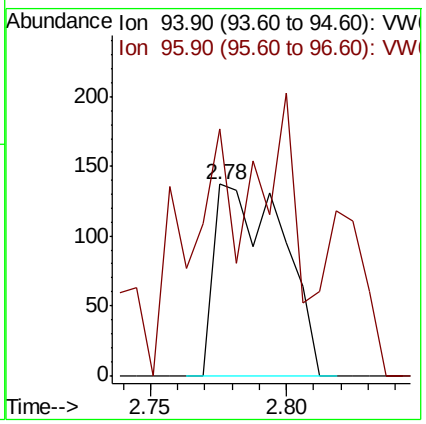


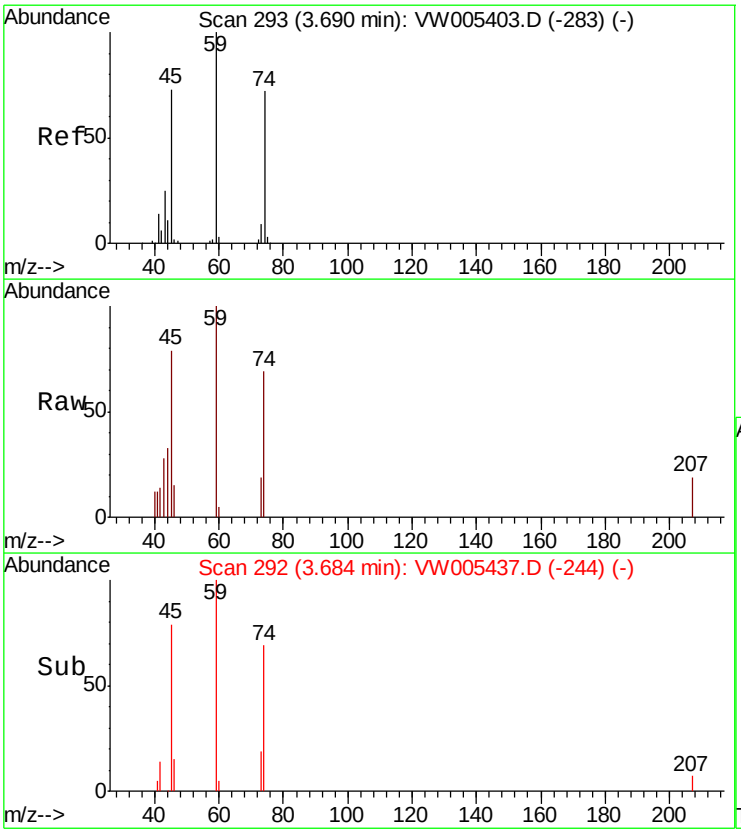
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 143
Delta R.T. 0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 94 Resp: 238

Ion	Ratio	Lower	Upper
94	100		
96	73.0	73.7	110.5#

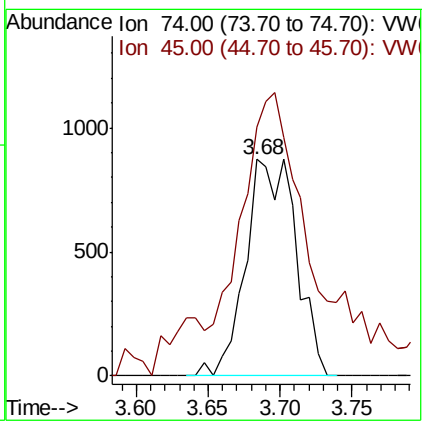


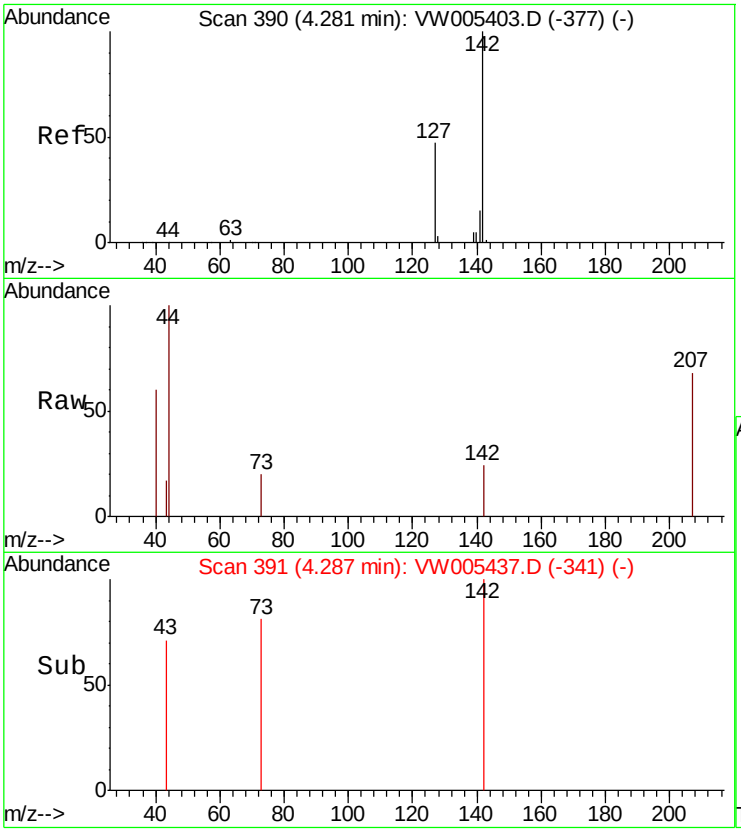


#8
Diethyl Ether
Concen: 2.682 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 74 Resp: 2114

Ion	Ratio	Lower	Upper
74	100		
45	157.3	53.1	159.3



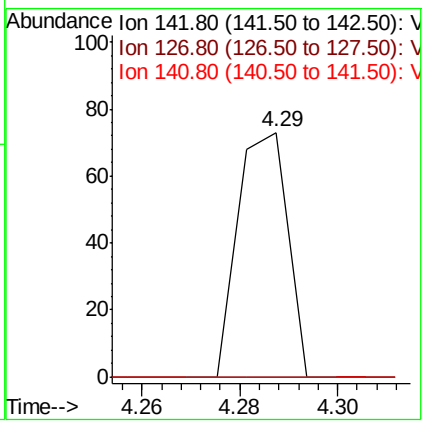


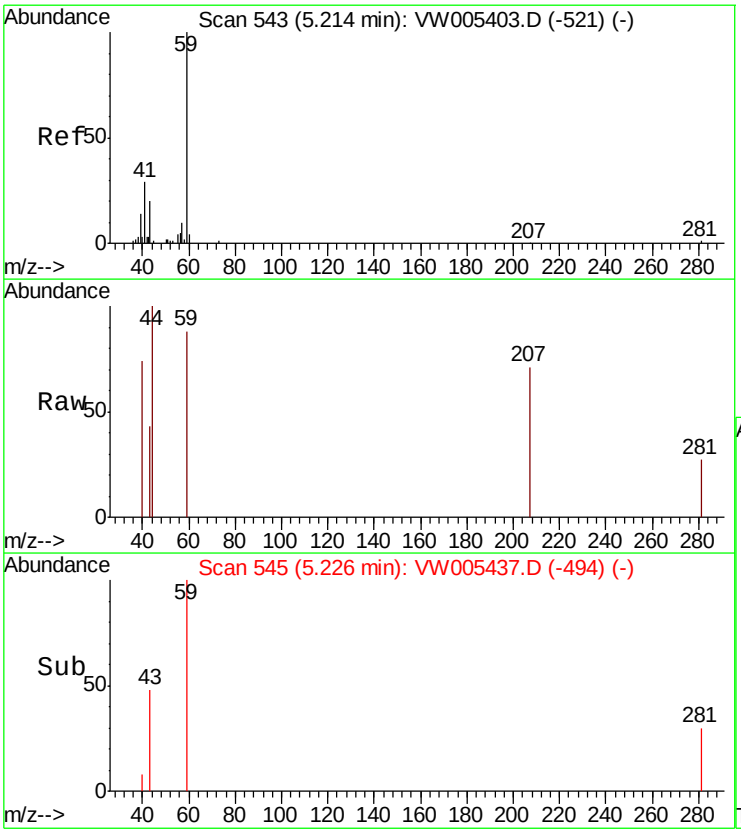
#10
Methyl Iodide
Concen: 4.076 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion:142 Resp: 52

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.5	56.3#
141	0.0	12.4	18.6#

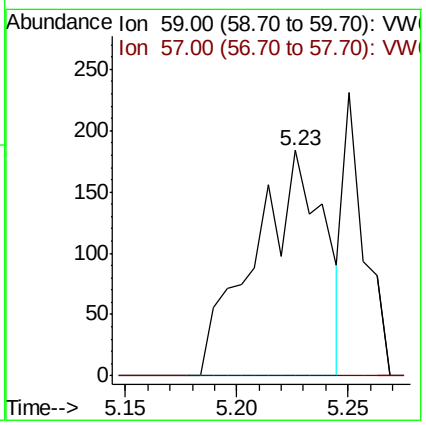


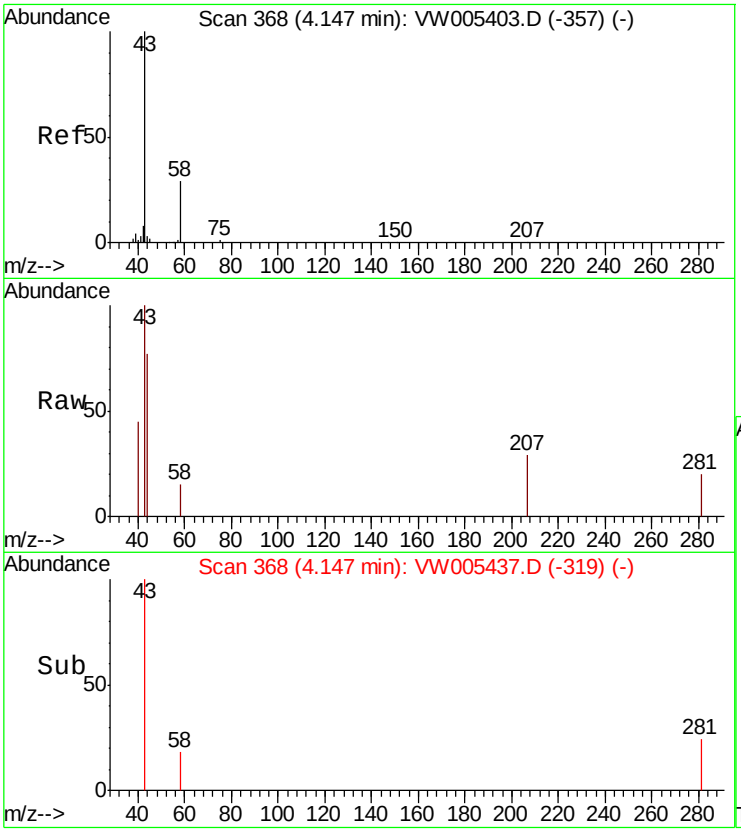


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 59 Resp: 398

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



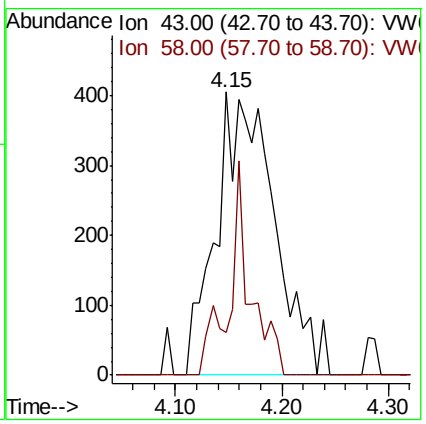


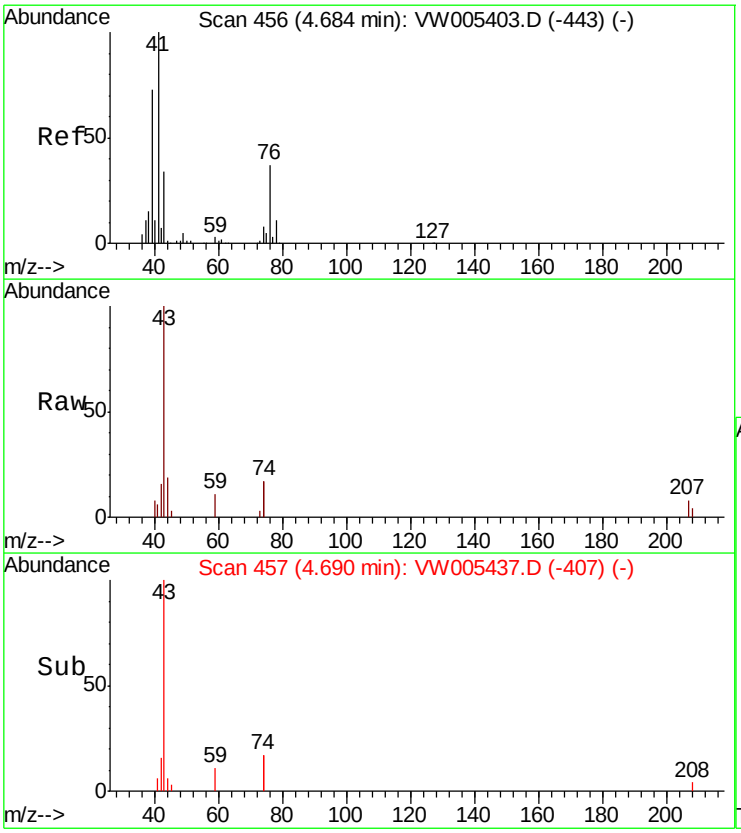
#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 43 Resp: 1552

Ion	Ratio	Lower	Upper
43	100		
58	15.1	22.8	34.2#

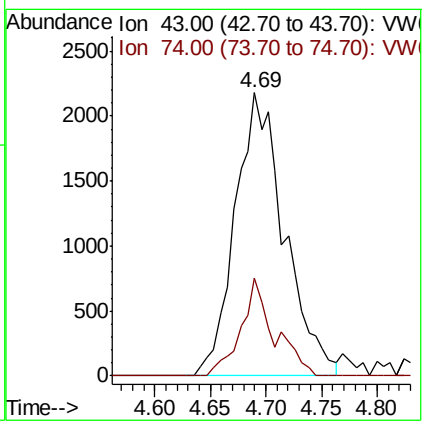


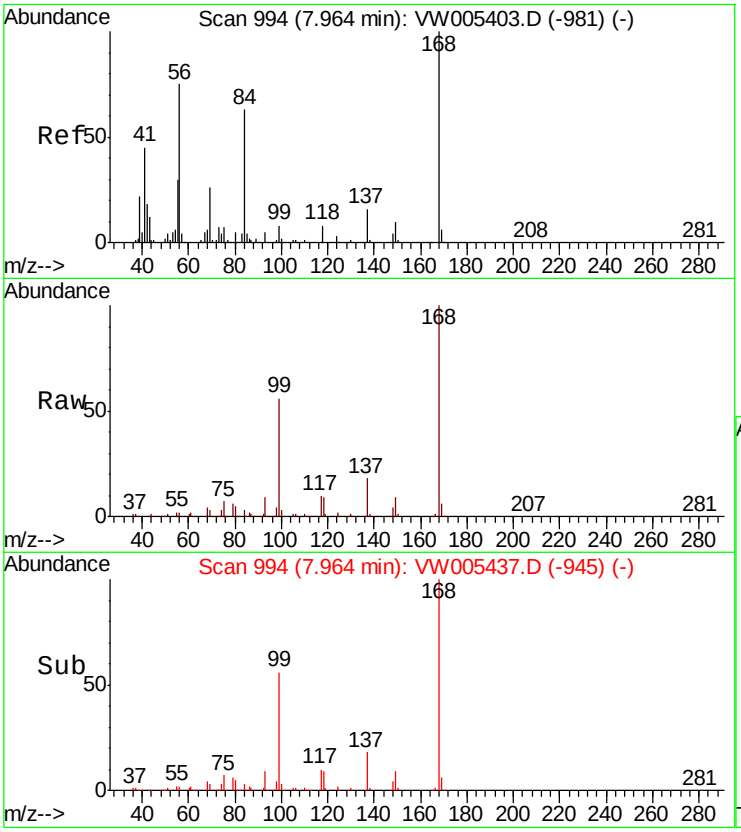


#18
Methyl Acetate
Concen: 7.430 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 43 Resp: 6709

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5



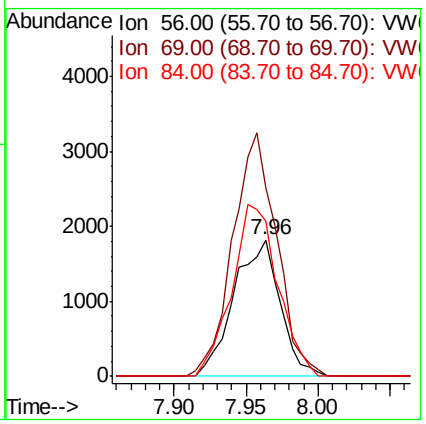


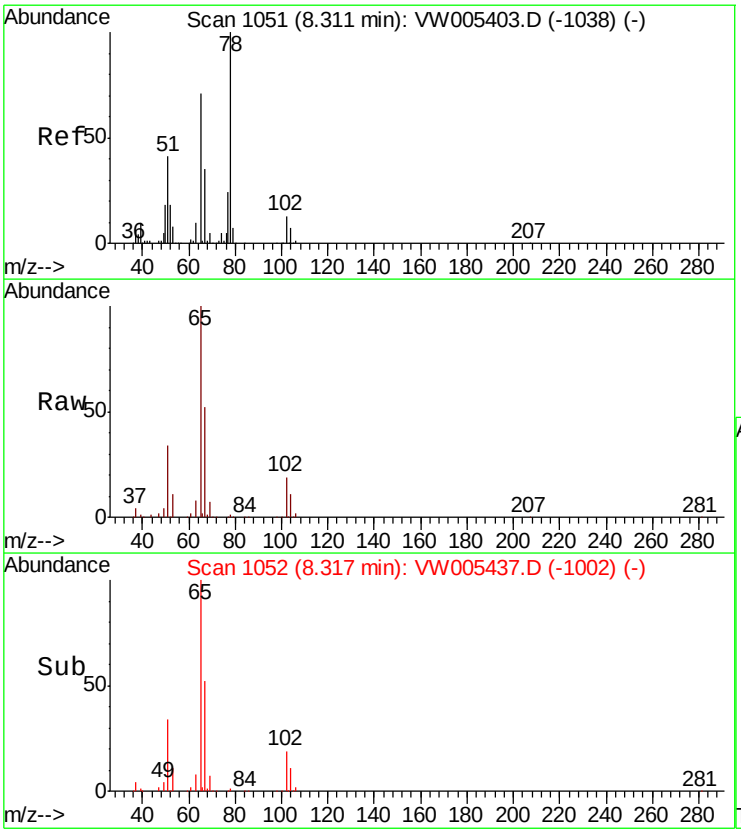
#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 56 Resp: 4055

Ion	Ratio	Lower	Upper
56	100		
69	137.7	27.2	40.8#
84	113.3	66.7	100.1#

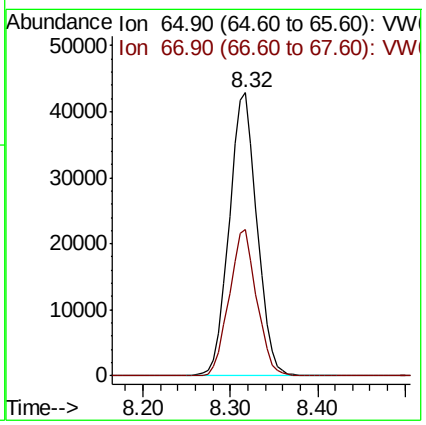


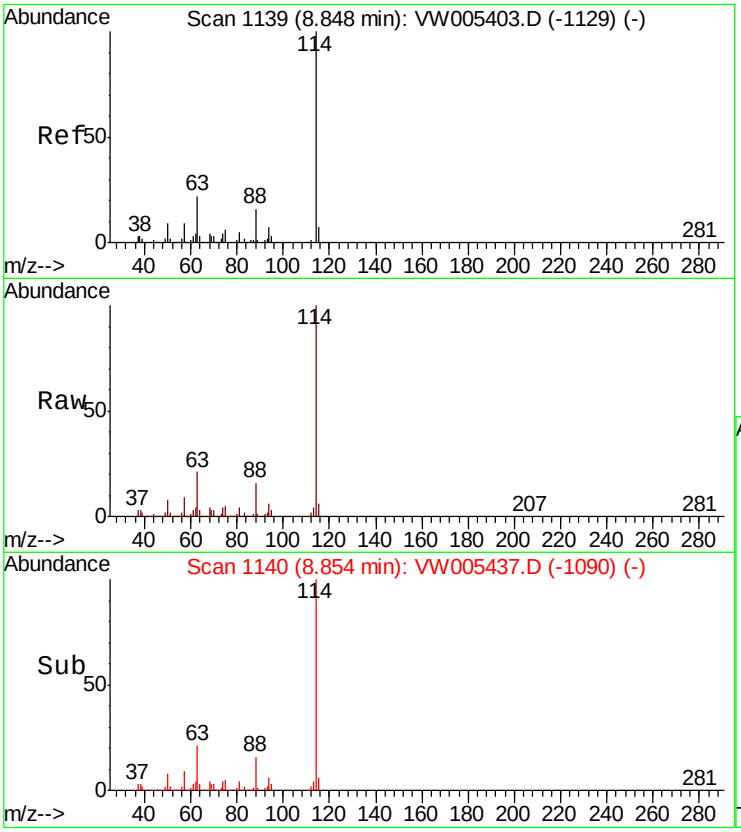


#33
1,2-Dichloroethane-d4
Concen: 50.401 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 65 Resp: 94702

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.6



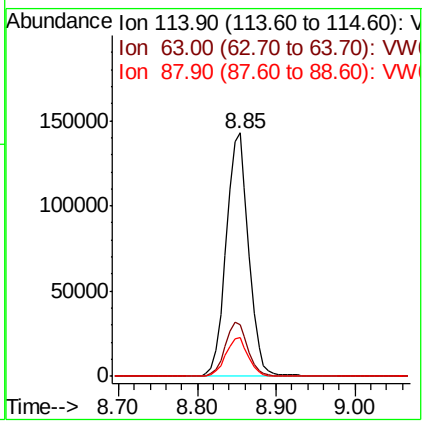


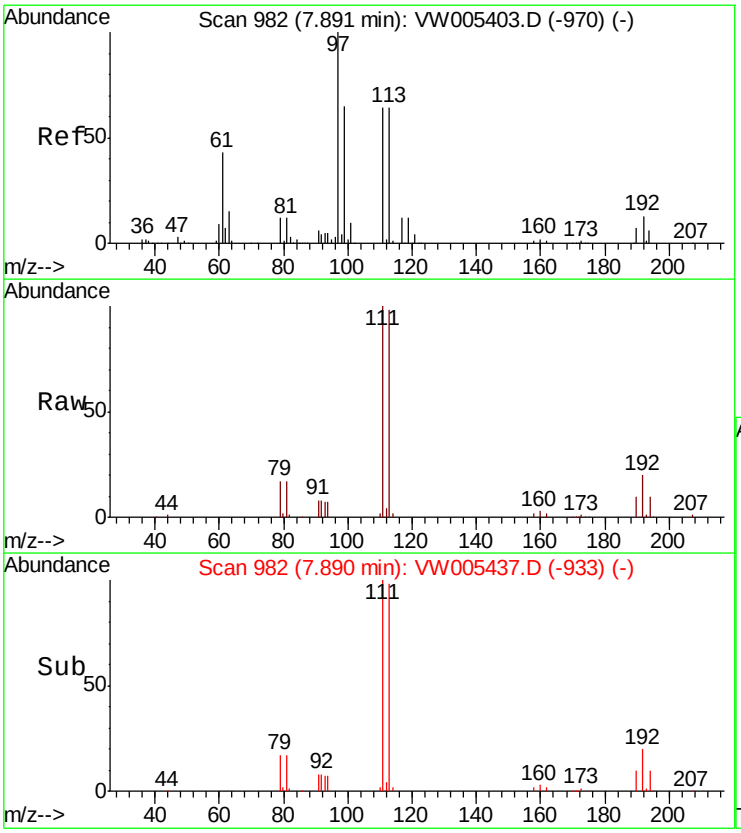
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion:114 Resp: 282487

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	15.7	0.0	31.8

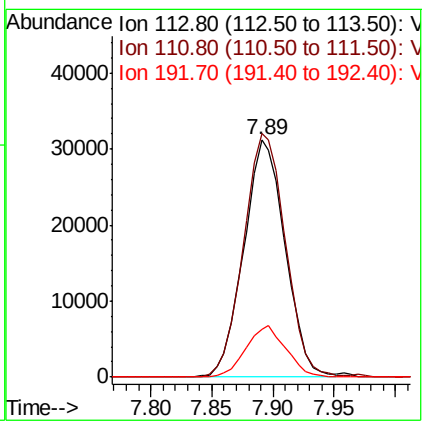


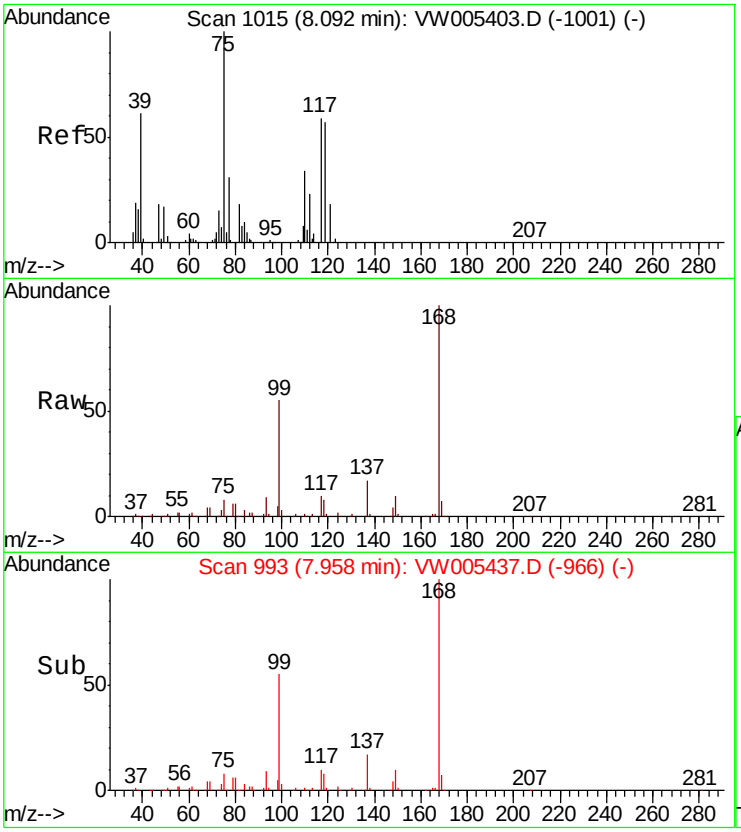


#35
Dibromofluoromethane
Concen: 46.399 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion:113 Resp: 73490

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	21.0	16.5	24.7



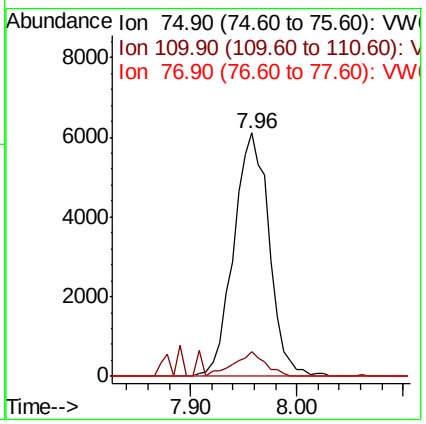


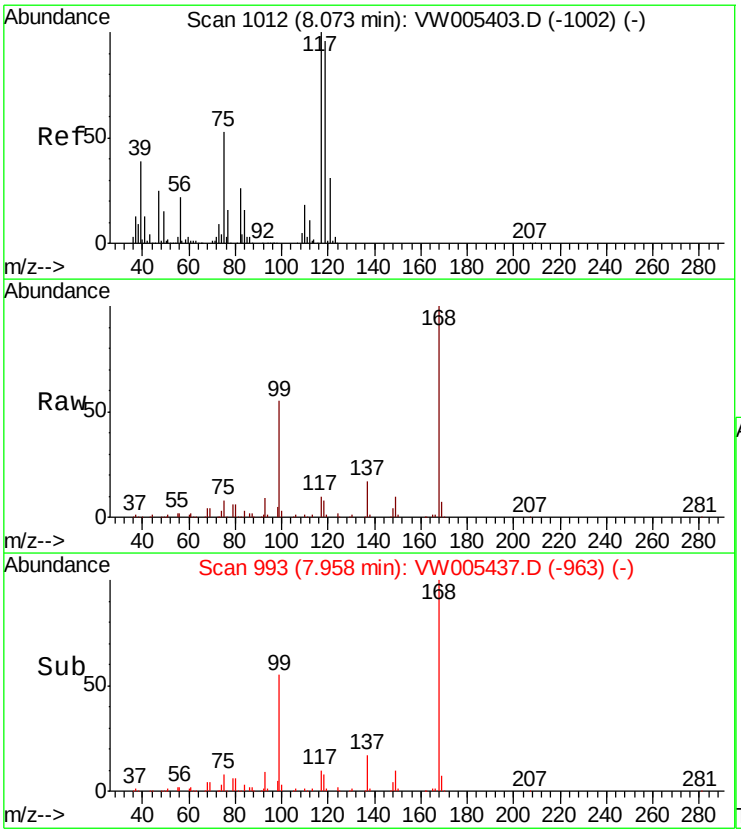
#36
1,1-Dichloropropene
Concen: 5.337 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.13 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 75 Resp: 14267

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.8	50.4#
77	0.0	24.2	36.4#

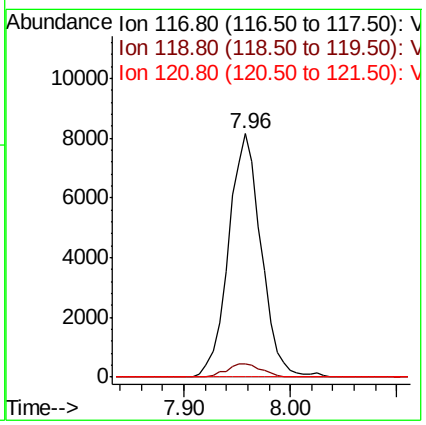


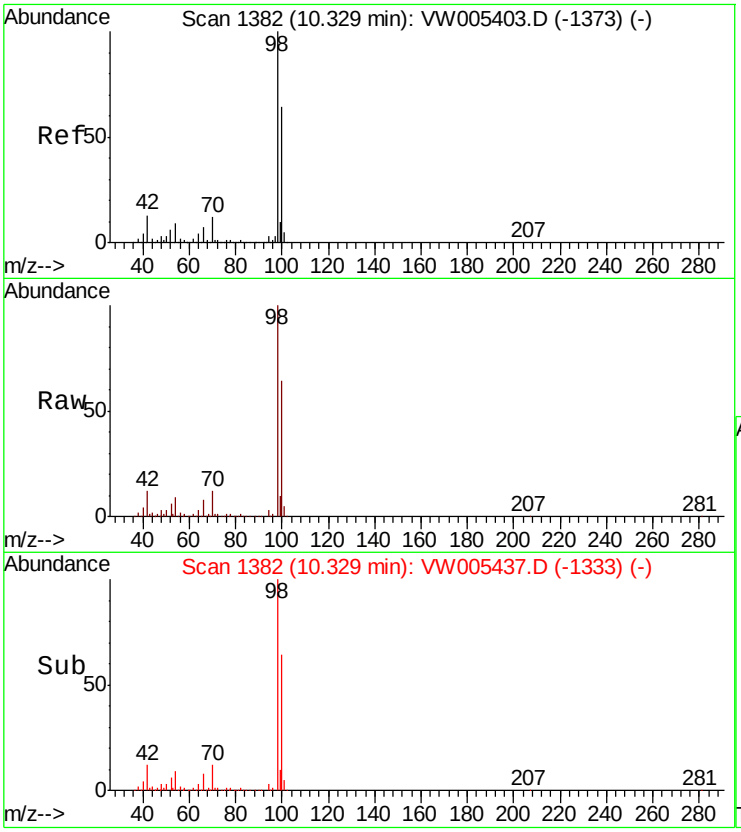


#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion:117 Resp: 17488

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.8	115.2#
121	0.0	24.7	37.1#



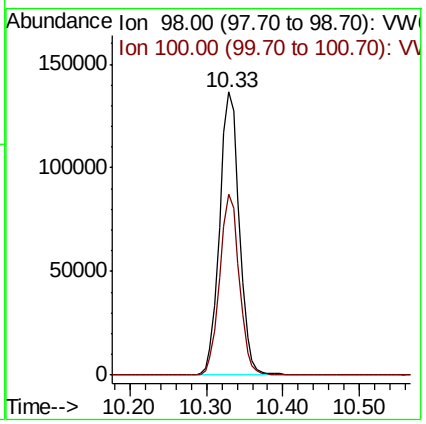


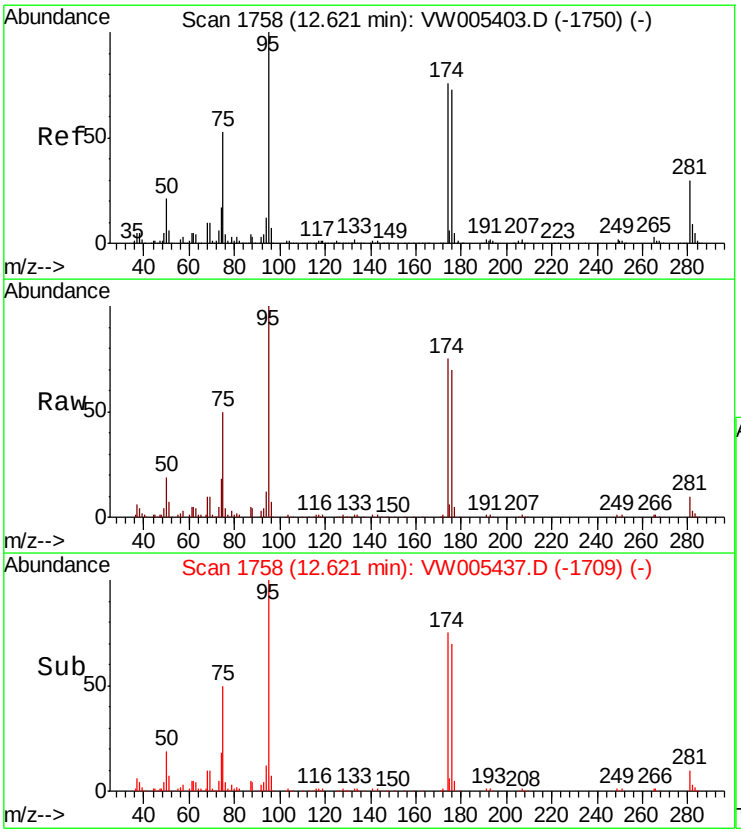
#50
Toluene-d8
Concen: 33.730 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 98 Resp: 244654

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.4	77.0

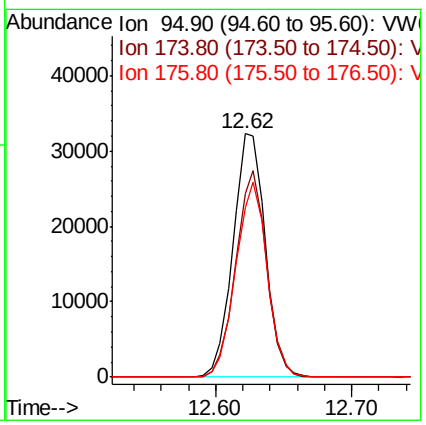


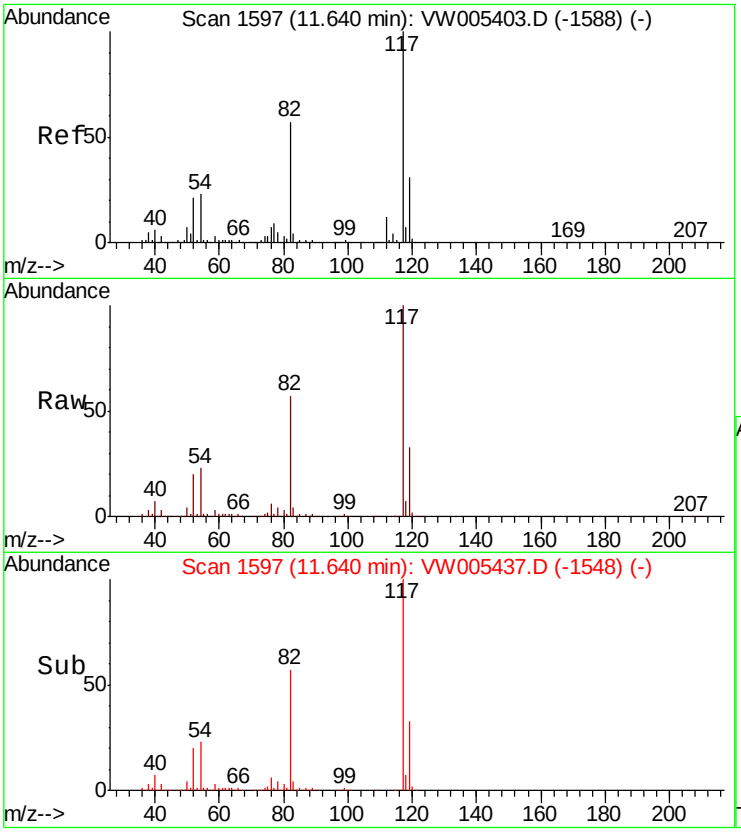


#62
4-Bromofluorobenzene
Concen: 19.984 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 95 Resp: 53149

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.2
176	78.2	0.0	156.6



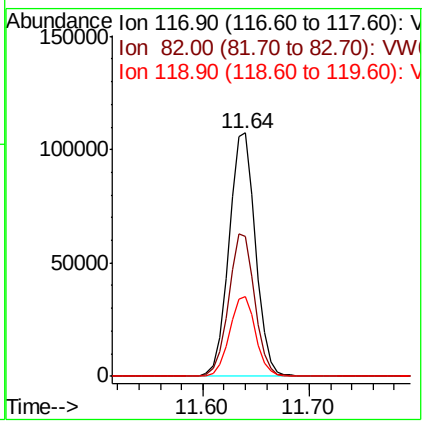


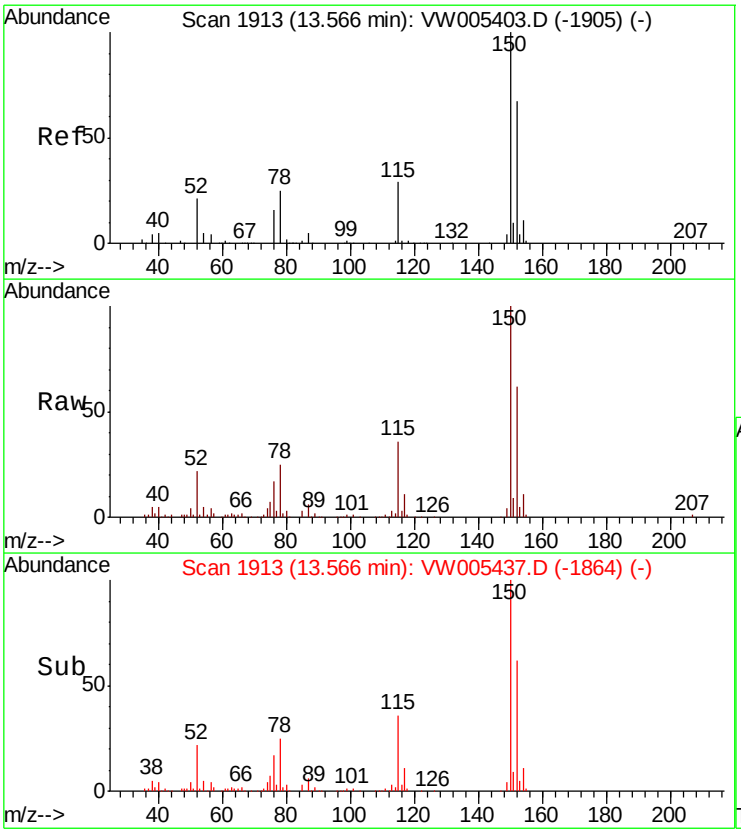
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion:117 Resp: 187298

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	32.6	24.8	37.2

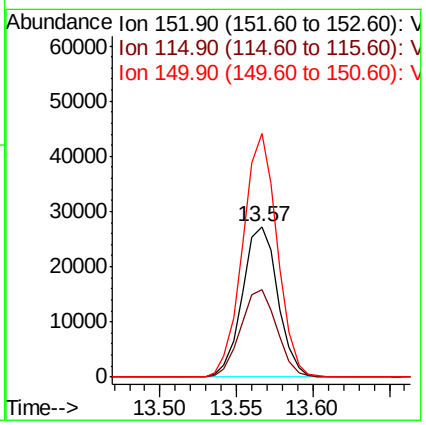


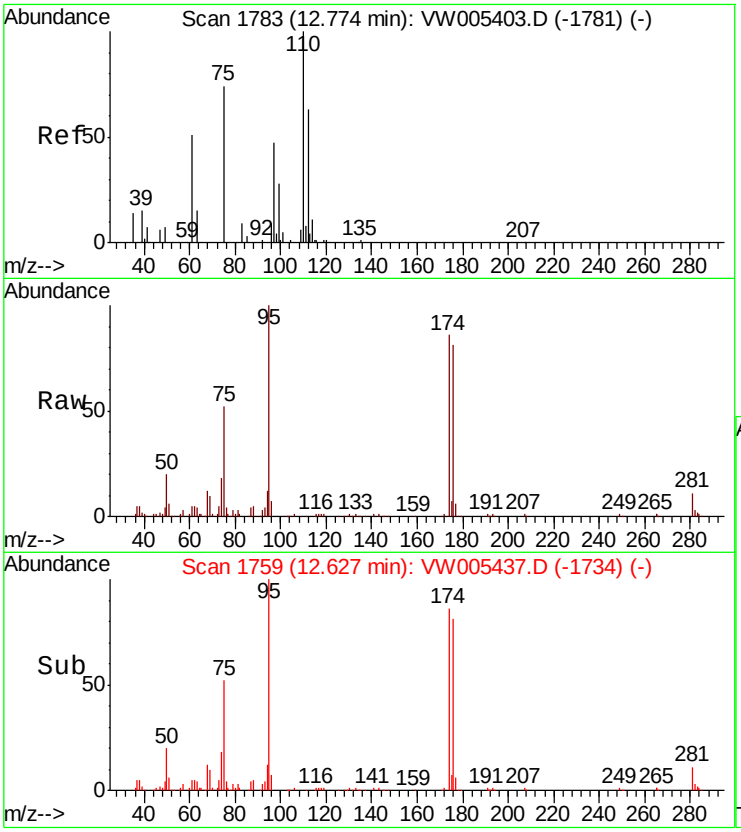


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion:152 Resp: 43971

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.5	88.5
150	157.0	0.0	345.6



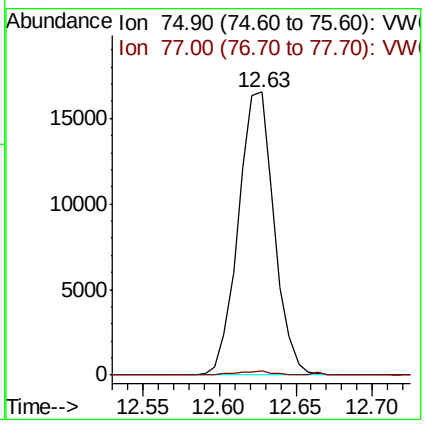


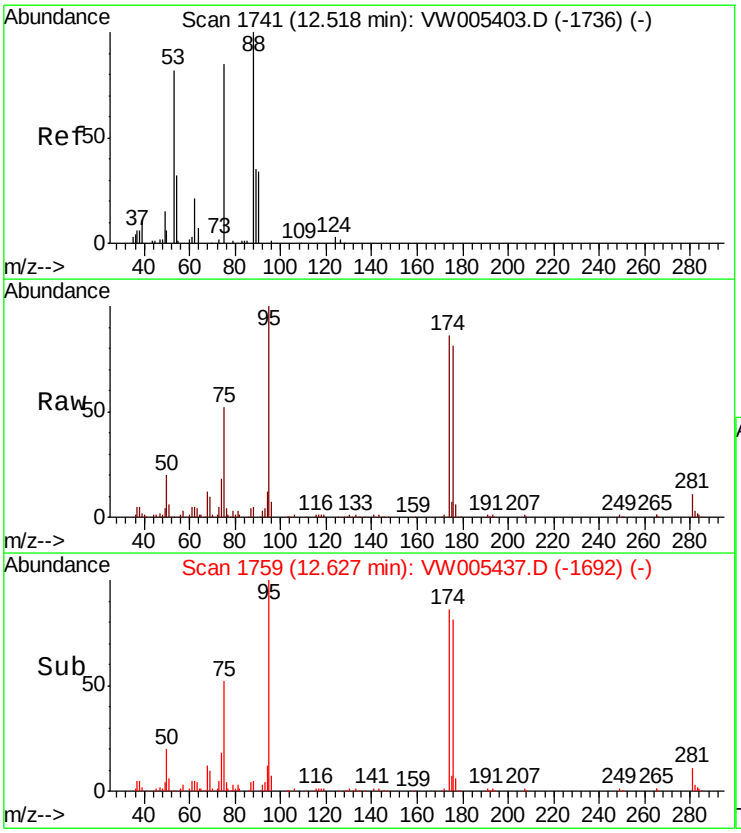
#76
1,2,3-Trichloropropane
Concen: 74.135 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Instrument : MSVOA_W
ClientSampleId : RBR200051

Tgt Ion: 75 Resp: 26811

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 192.311 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.11 min
Lab File: VW005437.D
Acq: 17 Sep 2018 16:45

Tgt Ion: 75 Resp: 26811

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.2	124.8#
89	0.1	36.6	54.8#