Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111318\
Data File : VD060359.D
Acq On : 13 Nov 2018 14:34
Operator : JC/SY
Sample : J5901-03
Misc : 6.23g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 14 11:11:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1628763	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2253158	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1860797	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	937870	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	541042	46.39	ug/l	-0.01
Spiked Amount 50.000			Recovery = 92.78%			
35) Dibromofluoromethane	6.32	113	763956	45.47	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.94%			
50) Toluene-d8	9.46	98	2167180	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.14%			
62) 4-Bromofluorobenzene	12.43	95	754841	42.36	ug/l	-0.01
Spiked Amount 50.000			Recovery = 84.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	228	Below Cal	#	41
11) Tert butyl alcohol	3.96	59	2374	4.957	ug/l #	70
16) Acetone	3.17	43	54511	26.947	ug/l	100
18) Methyl Acetate	3.57	43	6882	1.596	ug/l #	63
20) Methylene Chloride	3.73	84	22048	1.229	ug/l #	96
25) 2-Butanone	5.67	43	8949	2.128	ug/l #	60
31) Cyclohexane	6.40	56	31168	1.119	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	117344	5.271	ug/l #	46
38) Carbon Tetrachloride	6.41	117	127842	6.191	ug/l #	15
49) 1,4-Dioxane	8.16	88	188	2.780	ug/l #	1
51) 4-Methyl-2-Pentanone	9.46	43	12121	1.447	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.43	75	317856	99.515	ug/l #	15
89) n-Butylbenzene	13.65	91	253	Below Cal	#	69

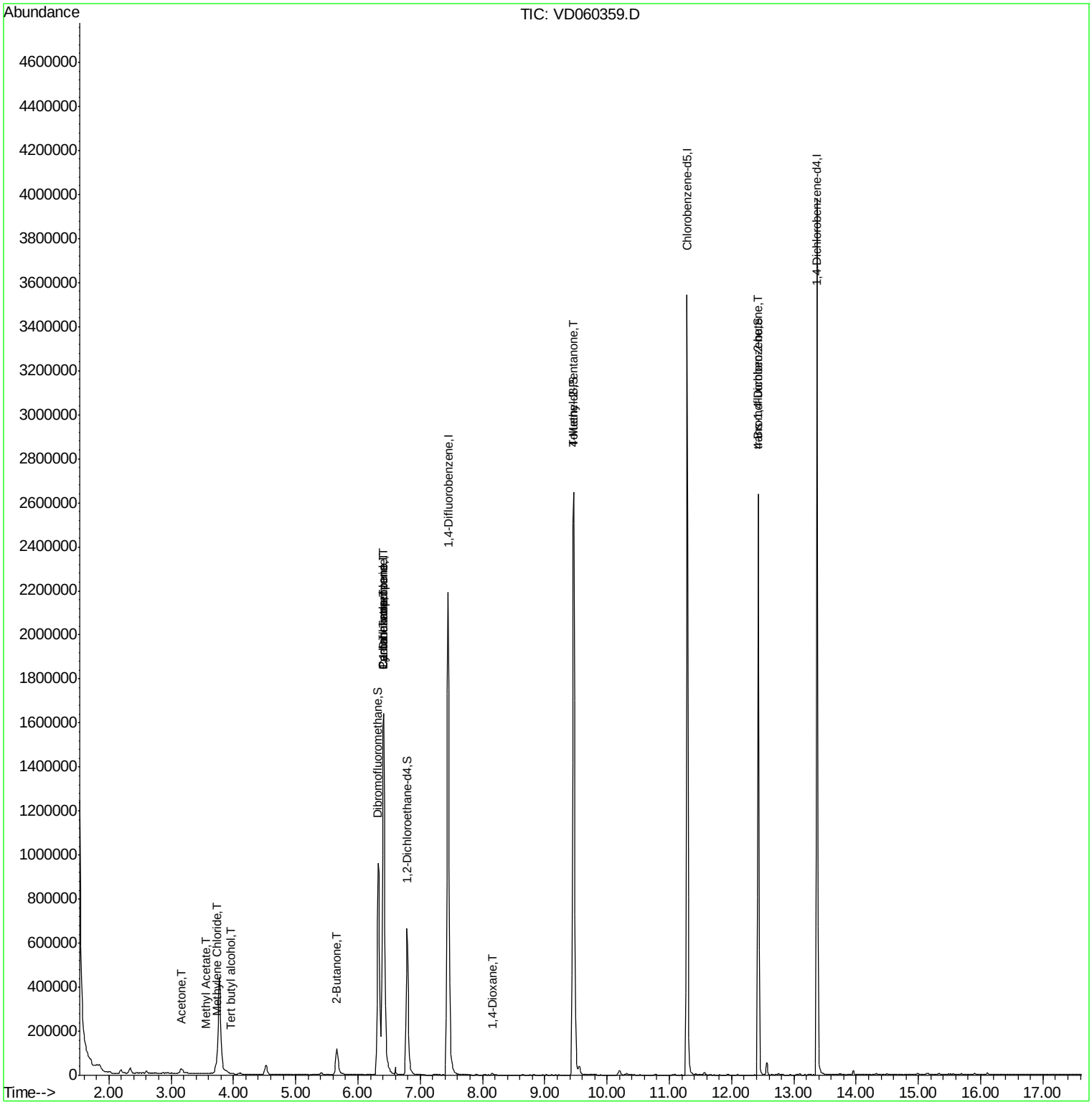
(#) = qualifier out of range (m) = manual integration (+) = signals summed

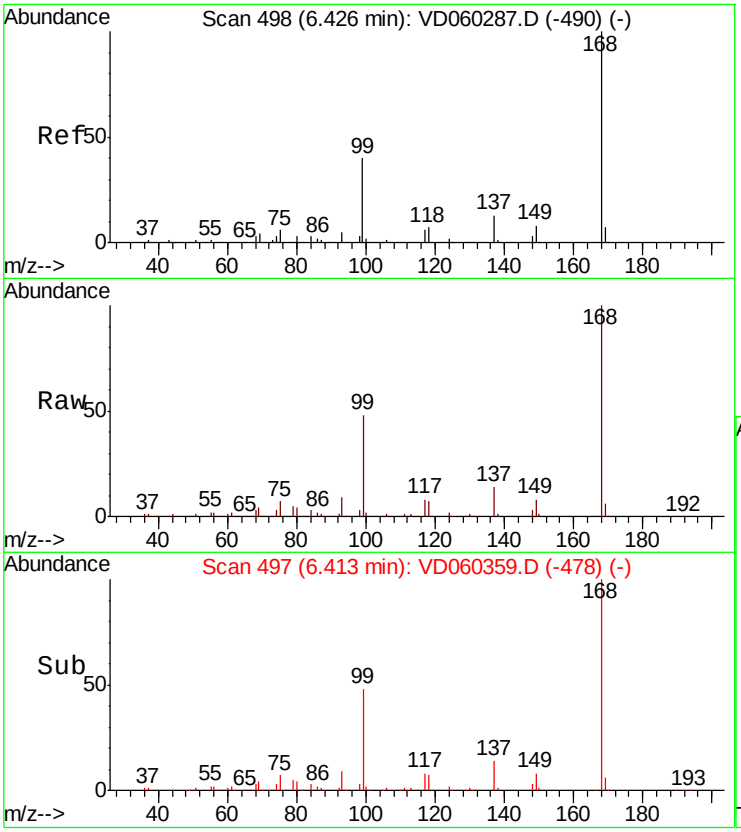
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111318\
Data File : VD060359.D
Acq On : 13 Nov 2018 14:34
Operator : JC/SY
Sample : J5901-03
Misc : 6.23g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 14 11:11:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



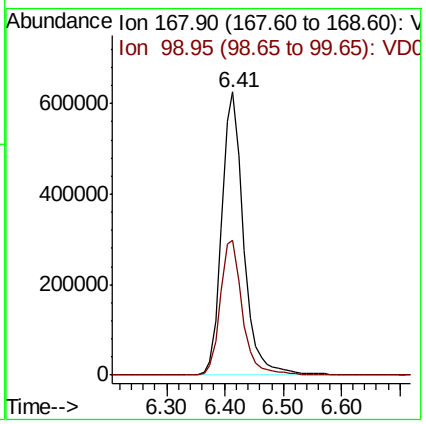


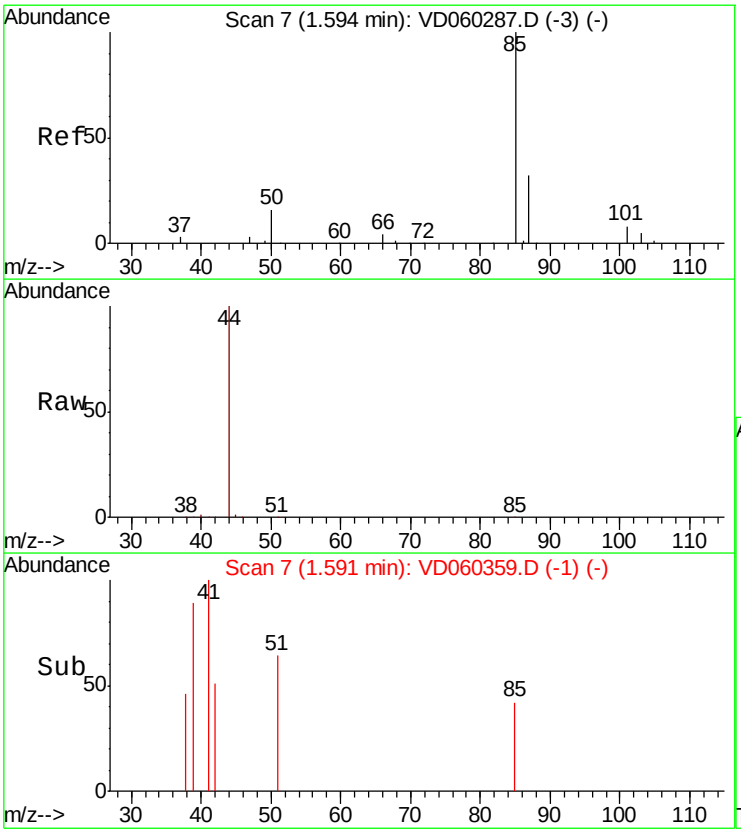
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1628763

Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.8	59.8

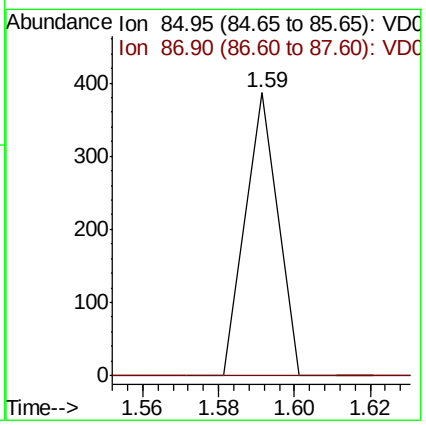


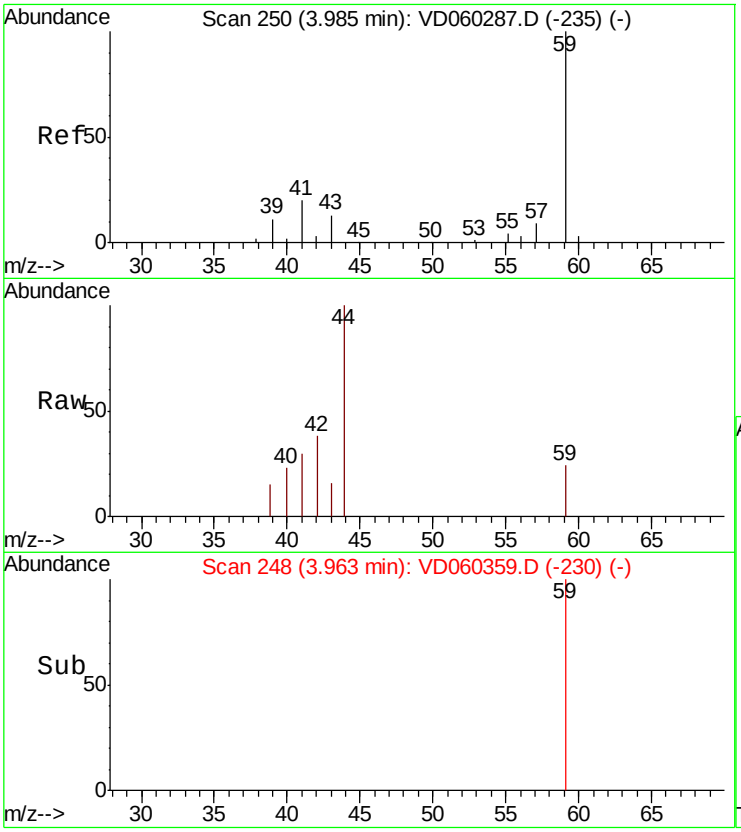


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.59 min Scan# 7
Delta R.T. -0.00 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 85 Resp: 228

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.8	50.4#



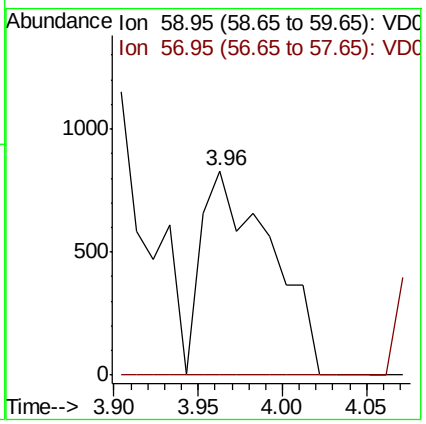


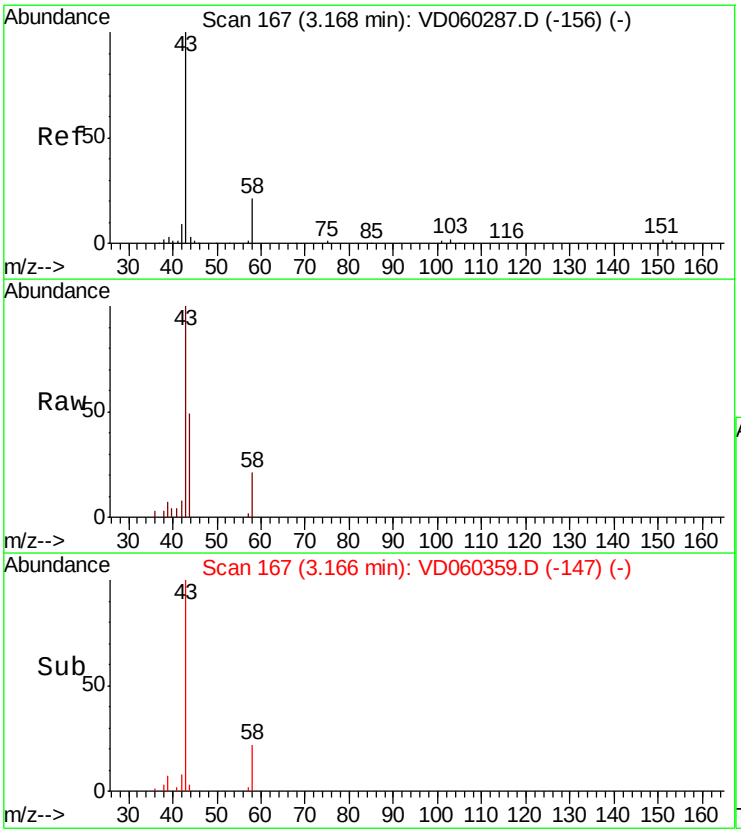
#11
Tert butyl alcohol
Concen: 4.957 ug/l
RT: 3.96 min Scan# 248
Delta R.T. -0.02 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 2374

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

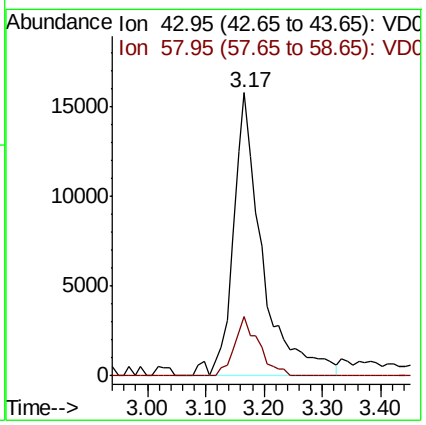


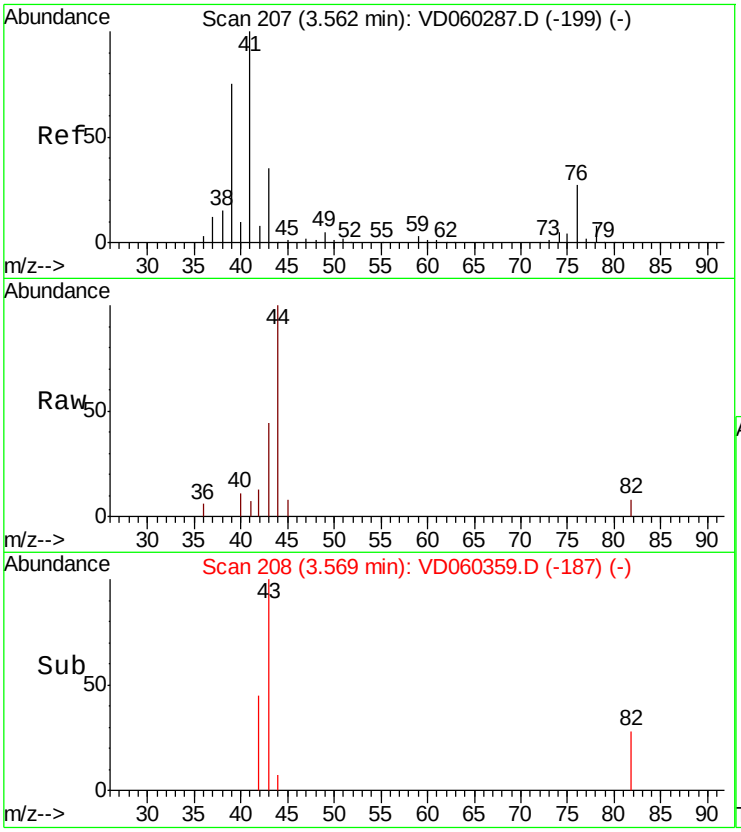


#16
Acetone
Concen: 26.947 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 43 Resp: 54511

Ion	Ratio	Lower	Upper
43	100		
58	21.0	16.9	25.3



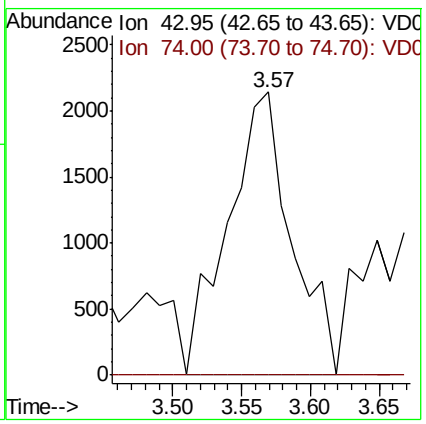


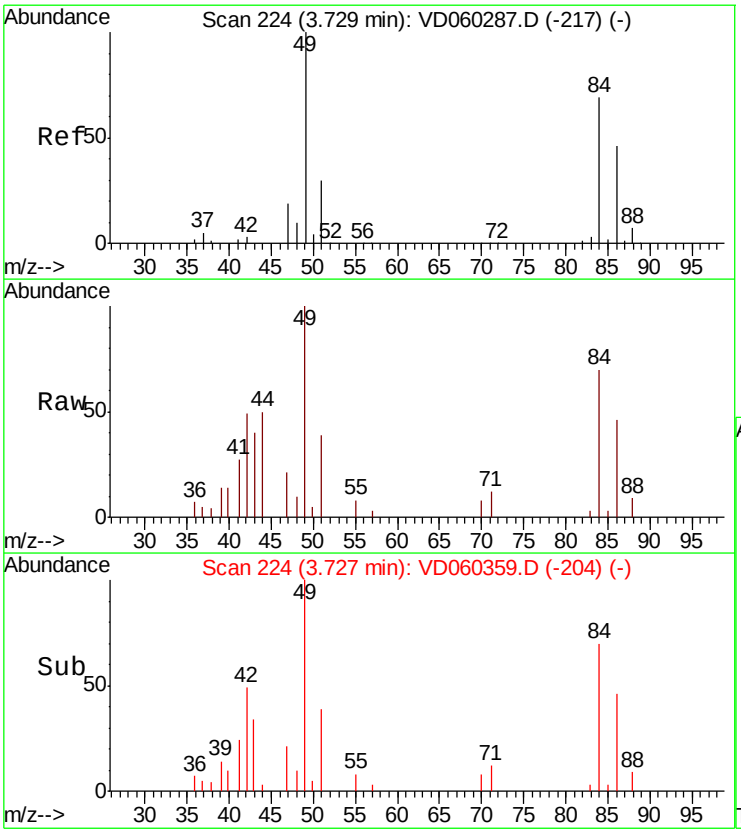
#18
Methyl Acetate
Concen: 1.596 ug/l
RT: 3.57 min Scan# 208
Delta R.T. 0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 6882

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#

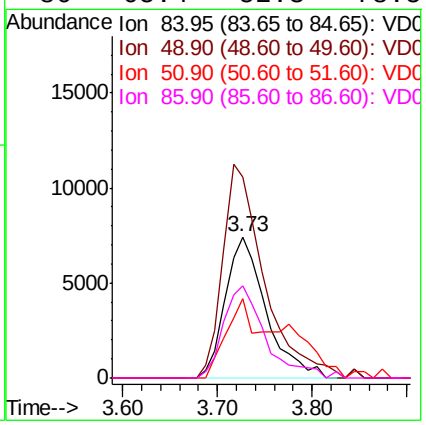


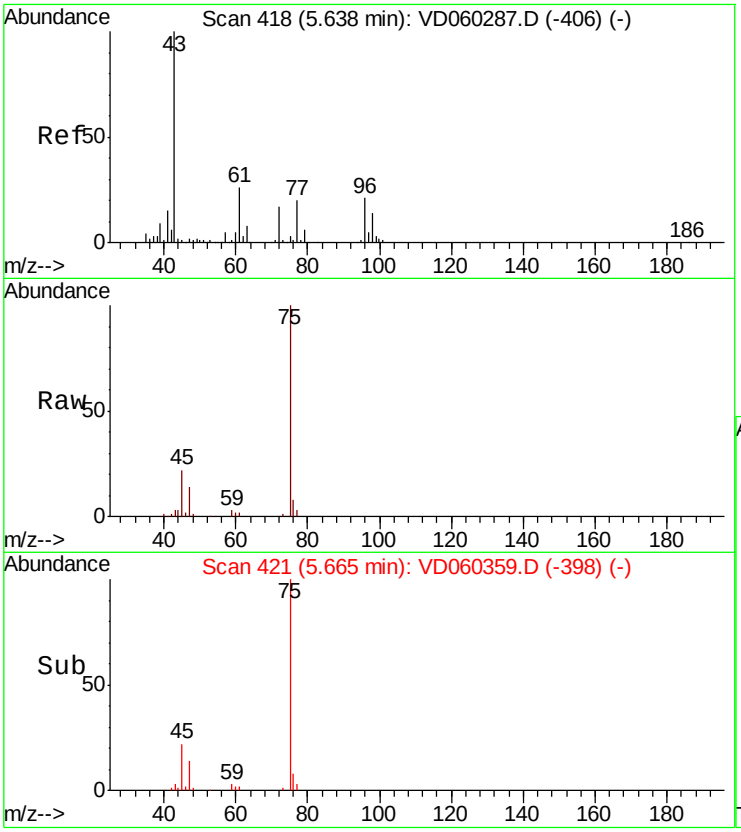


#20
Methylene Chloride
Concen: 1.229 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 84 Resp: 22048

Ion	Ratio	Lower	Upper
84	100		
49	142.8	115.6	173.4
51	56.3	35.6	53.4#
86	65.4	52.3	78.5



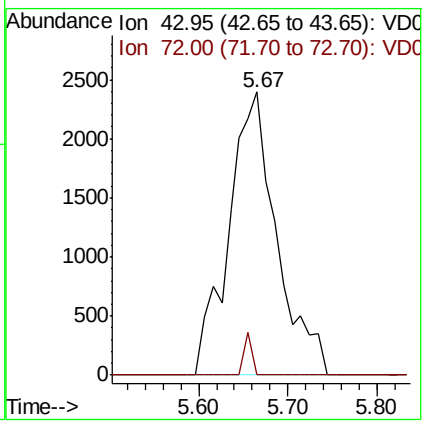


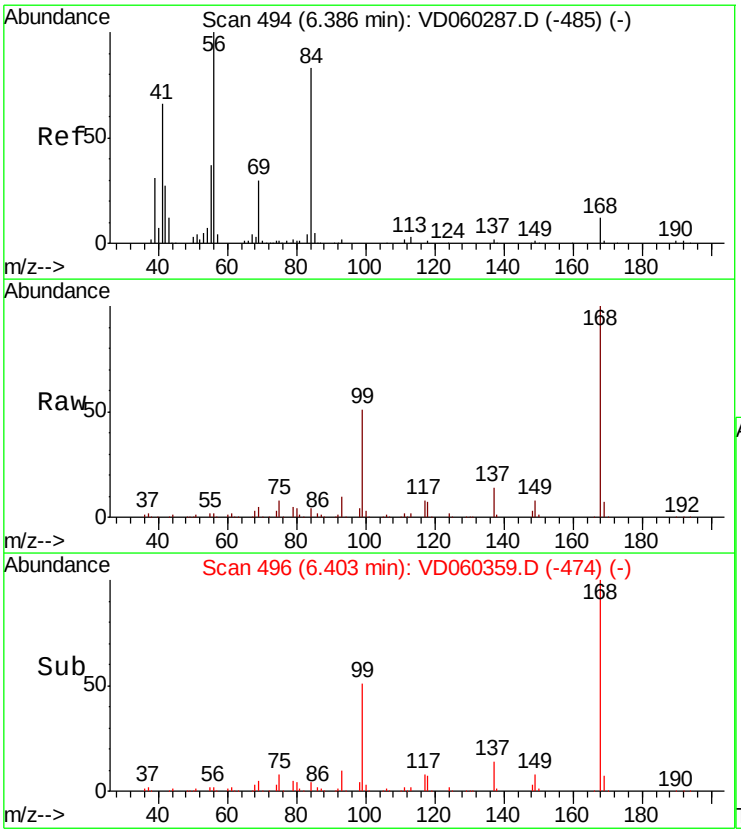
#25
2-Butanone
Concen: 2.128 ug/l
RT: 5.67 min Scan# 421
Delta R.T. 0.03 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 8949

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#

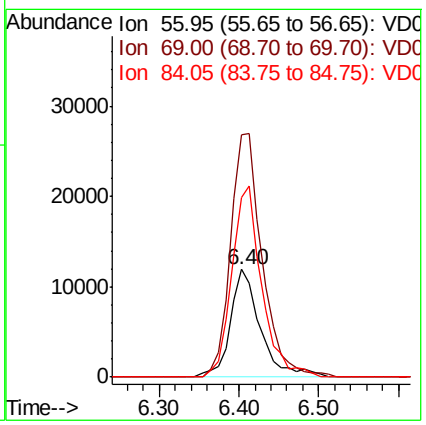


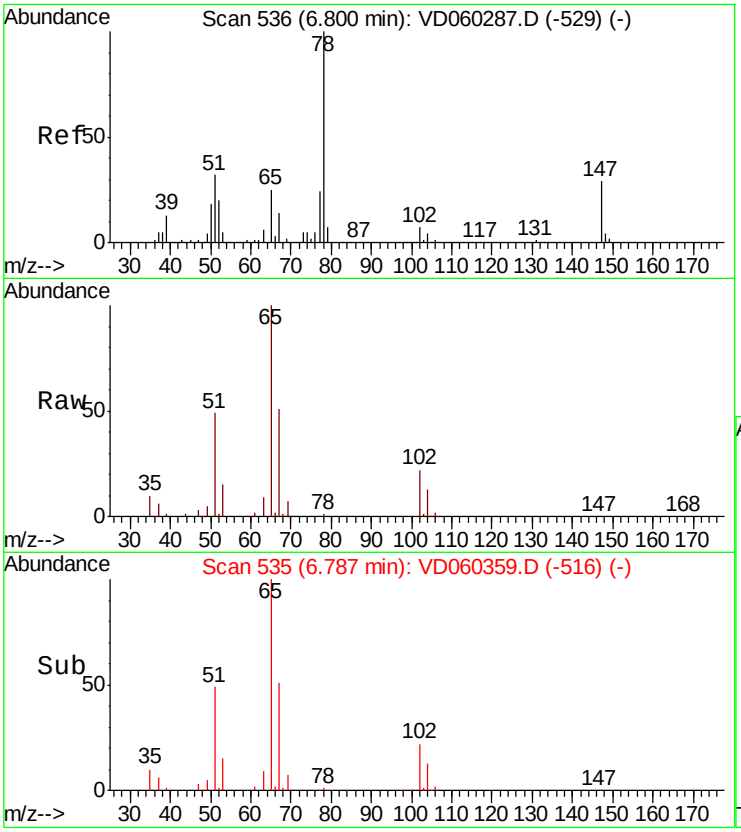


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 56 Resp: 31168

Ion	Ratio	Lower	Upper
56	100		
69	225.7	22.2	33.2#
84	166.9	63.0	94.4#



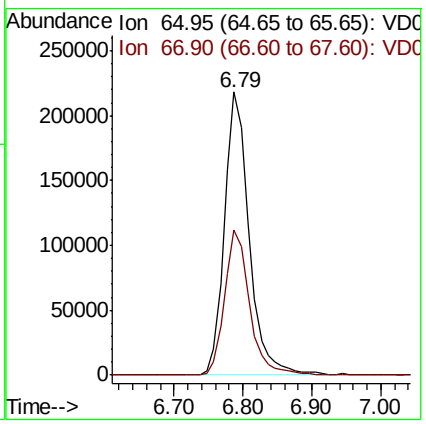


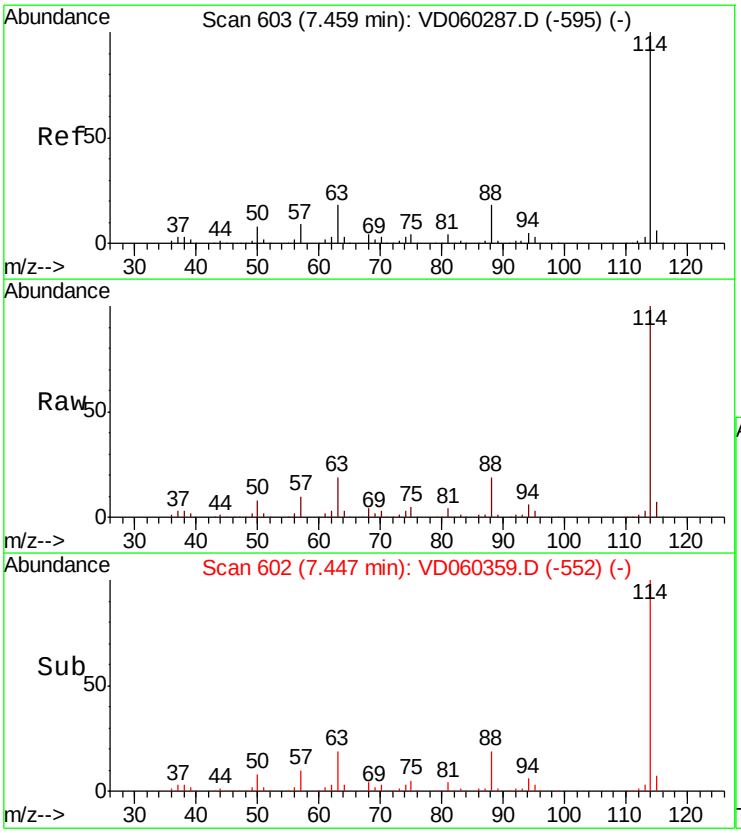
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 541042

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	109.8

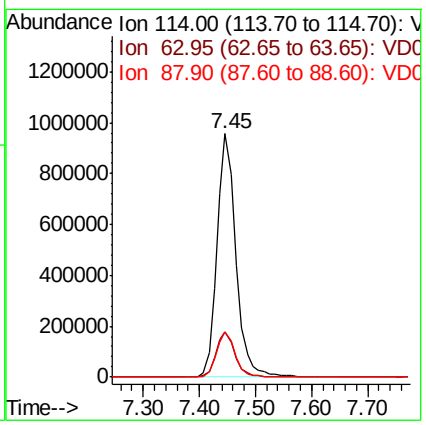


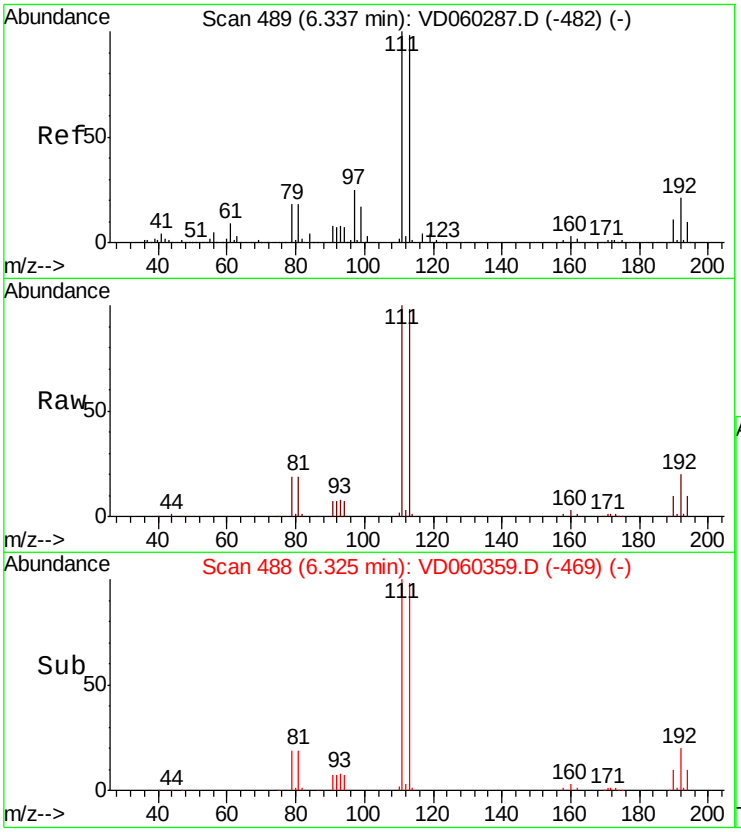


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion:114 Resp: 2253158

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.0
88	18.5	0.0	35.4



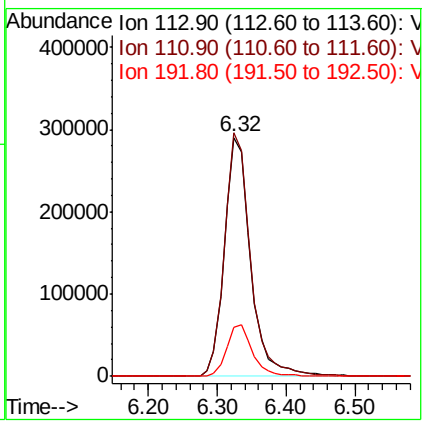


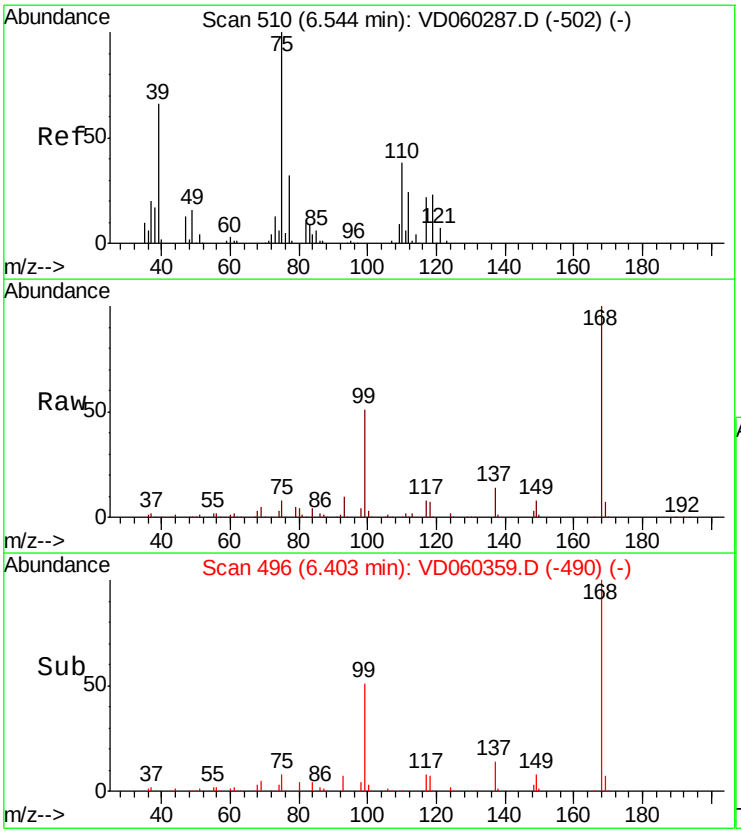
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 763956

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	20.7	16.5	24.7

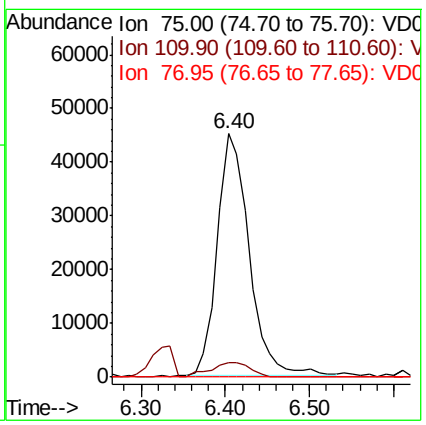


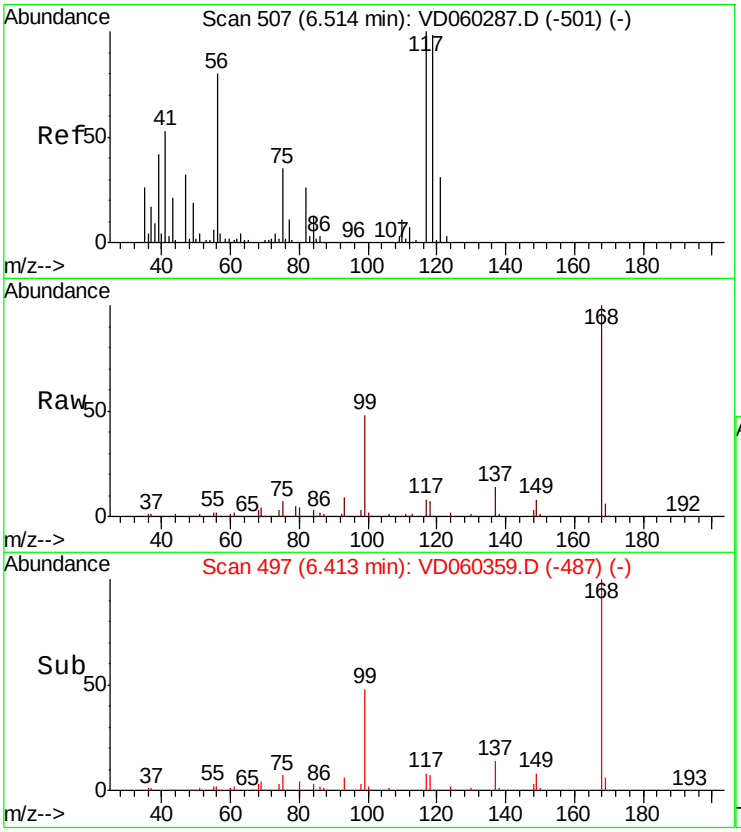


#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.14 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 75 Resp: 117344

Ion	Ratio	Lower	Upper
75	100		
110	5.9	18.0	54.0#
77	0.0	25.6	38.4#



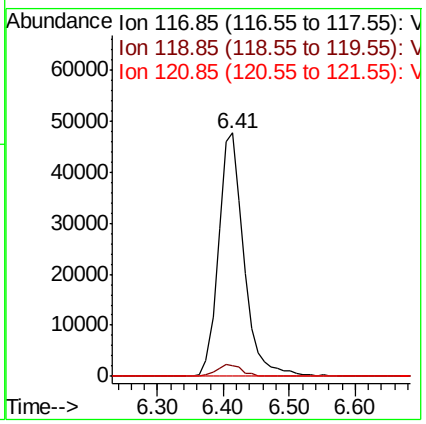


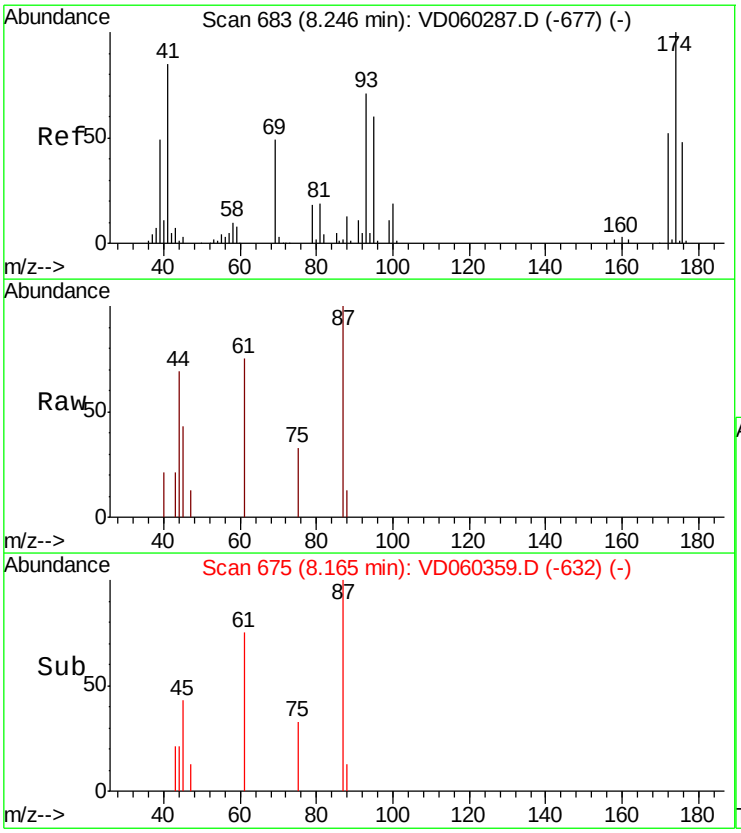
#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 127842

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.6	115.0#
121	0.0	24.3	36.5#

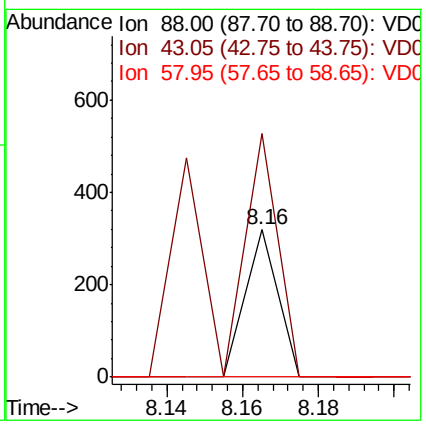


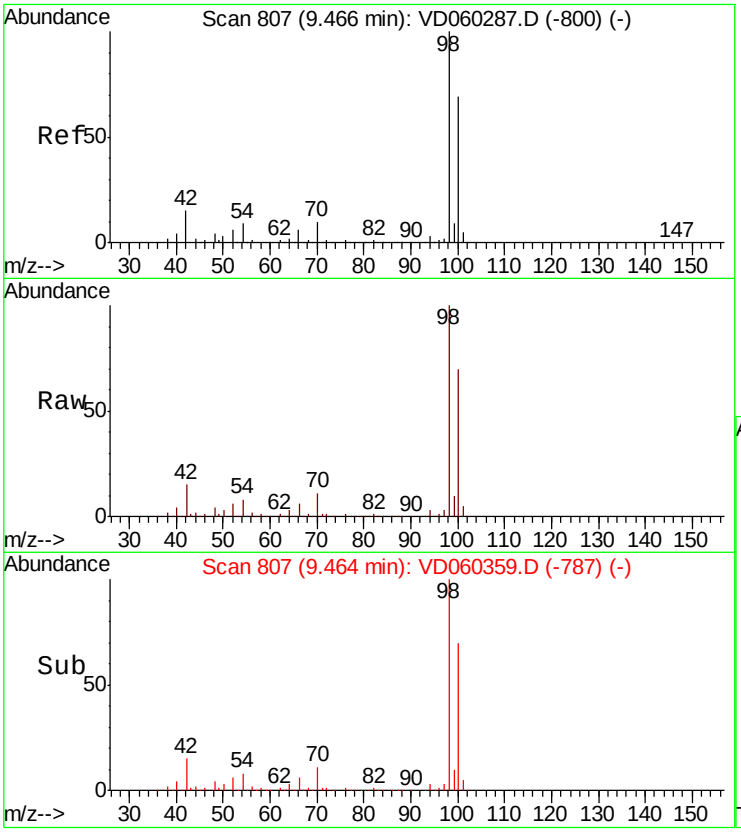


#49
1,4-Dioxane
Concen: 2.780 ug/l
RT: 8.16 min Scan# 675
Delta R.T. -0.08 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	165.2	39.7	59.5#
58	0.0	60.2	90.2#



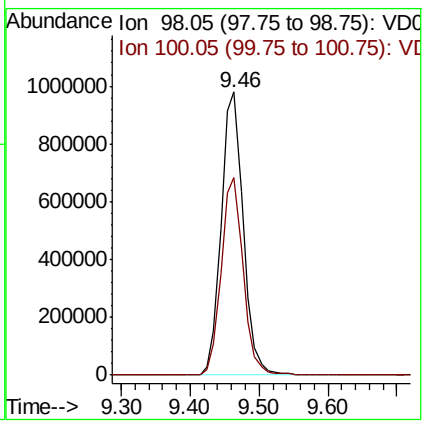


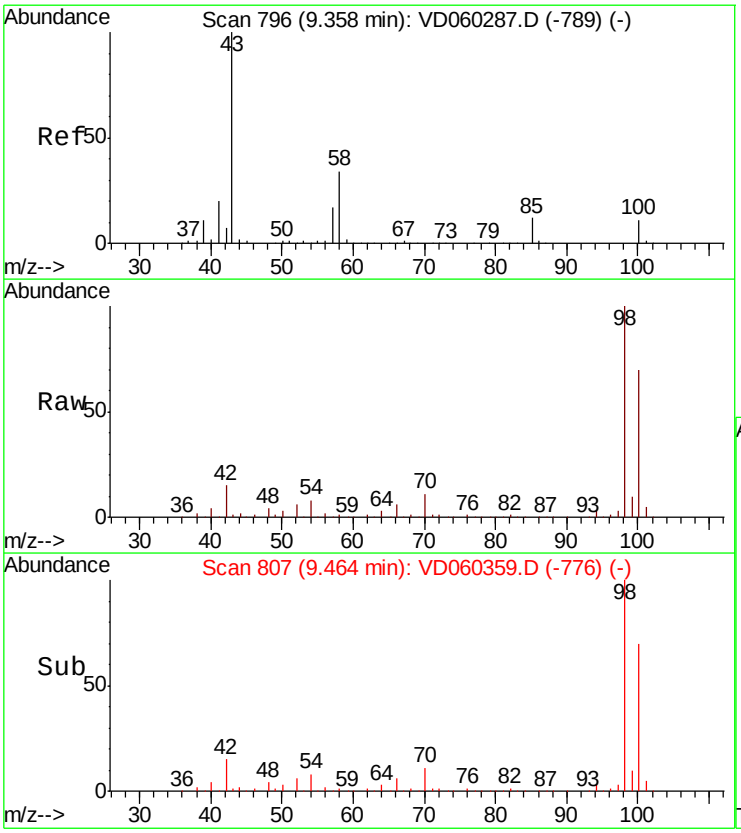
#50
Toluene-d8
Concen: 2.780 ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 2167180

Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.2	82.8

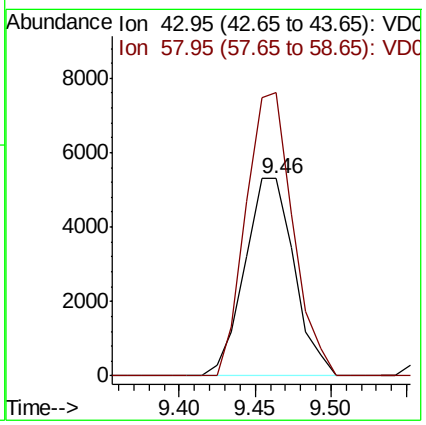


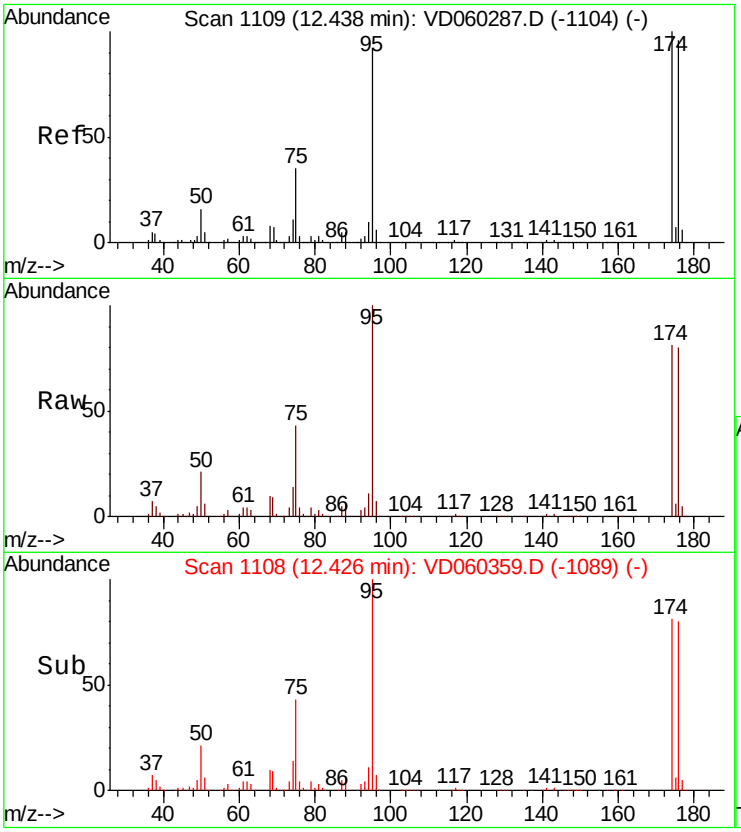


#51
4-Methyl-2-Pentanone
Concen: 1.447 ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.11 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 43 Resp: 12121

Ion	Ratio	Lower	Upper
43	100		
58	143.4	26.1	39.1#



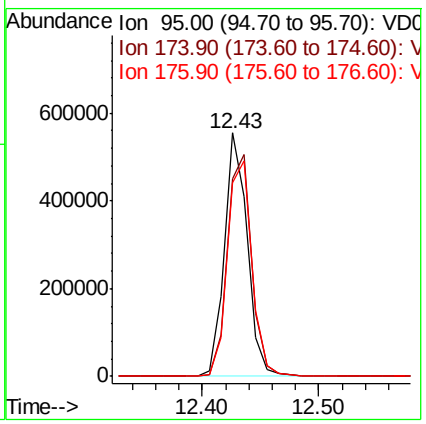


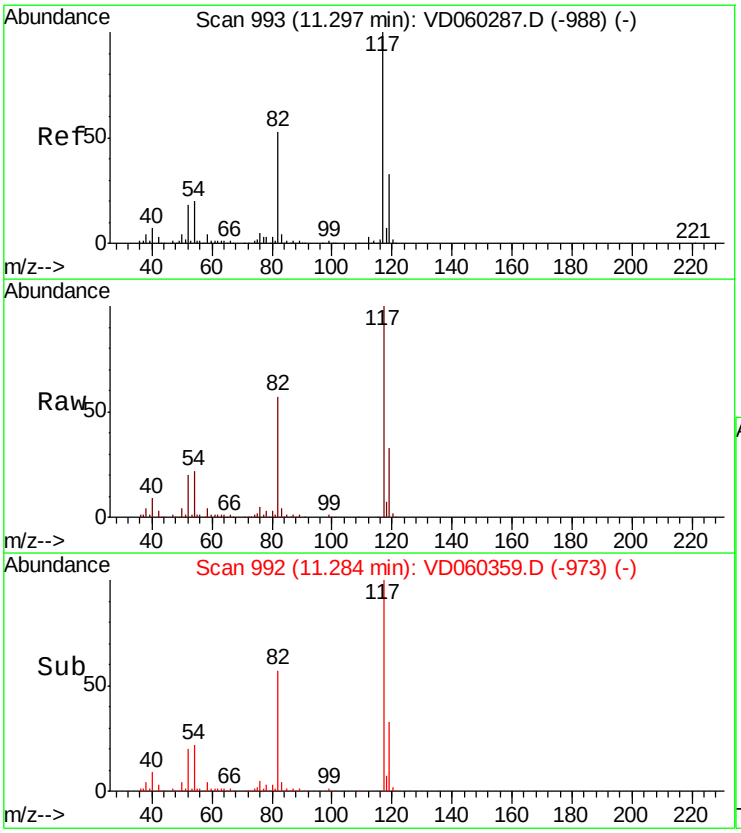
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 754841

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	160.8
176	79.8	0.0	154.6

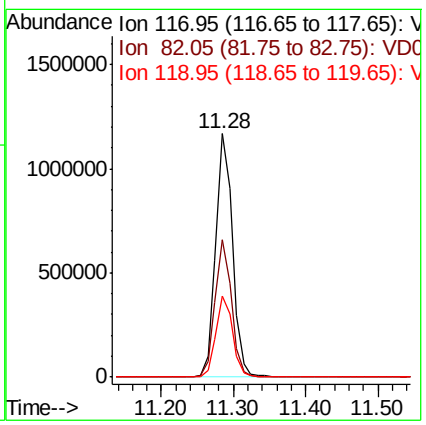


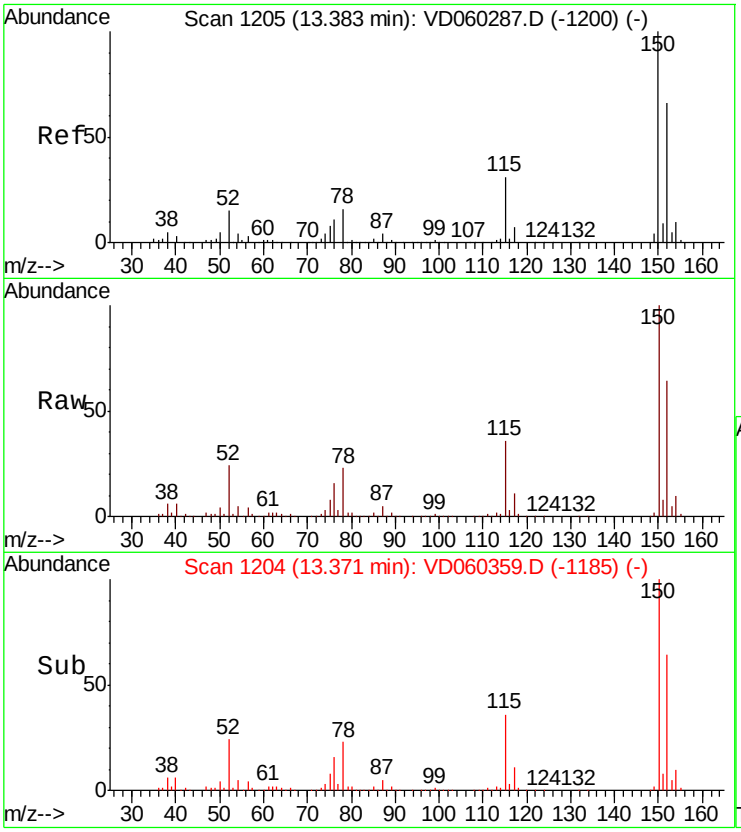


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion:117 Resp: 1860797

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.7	65.5
119	33.3	26.1	39.1



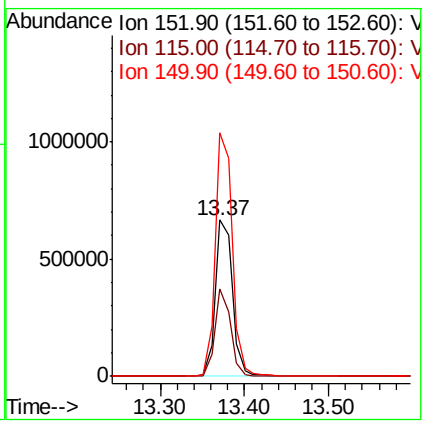


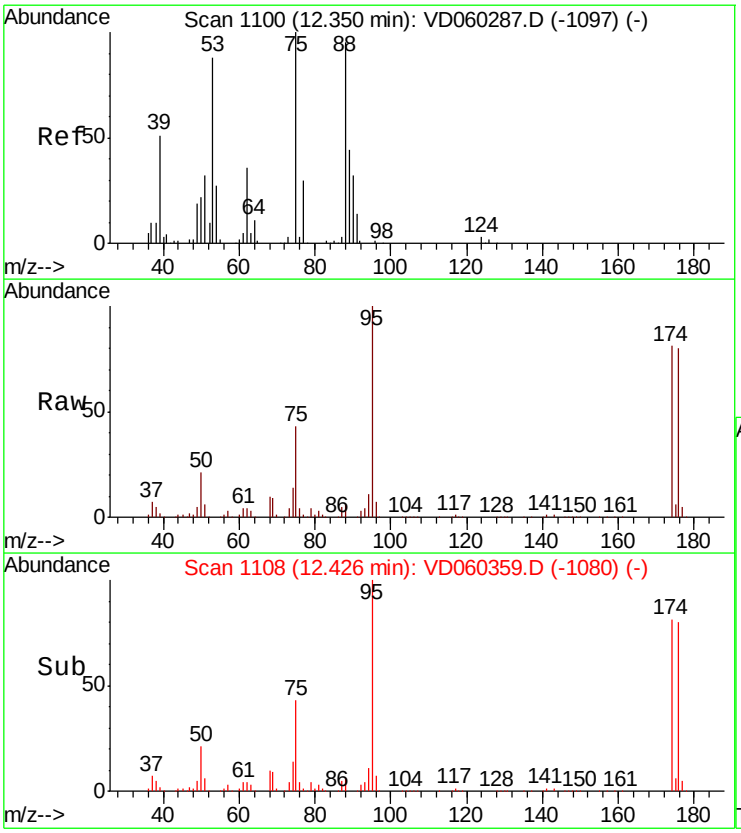
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 937870

Ion	Ratio	Lower	Upper
152	100		
115	56.2	24.1	72.3
150	156.1	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 99.515 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060359.D
Acq: 13 Nov 2018 14:34

Tgt Ion: 75 Resp: 317856

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	34.1	51.1#