Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
Data File : VW006117.D
Acq On : 17 Oct 2018 09:57
Operator : VA/AP
Sample : J5200-09
Misc : 6.31G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Quant Time: Oct 17 11:51:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	419183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126030	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.88%			
35) Dibromofluoromethane	7.88	113	119694	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.64%			
50) Toluene-d8	10.33	98	381619	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.00%			
62) 4-Bromofluorobenzene	12.62	95	133440	37.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.40%			
Target Compounds						Qvalue
16) Acetone	4.13	43	14098	18.770	ug/l	97
20) Methylene Chloride	4.92	84	8490	1.900	ug/l	93
52) Toluene	10.39	92	29972	4.218	ug/l	99
68) m/p-Xylenes	11.84	106	15959	3.224	ug/l	99
69) o-Xylene	12.17	106	5679	1.204	ug/l	91
95) Naphthalene	15.38	128	168098	30.445	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

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OR-01-101618-A

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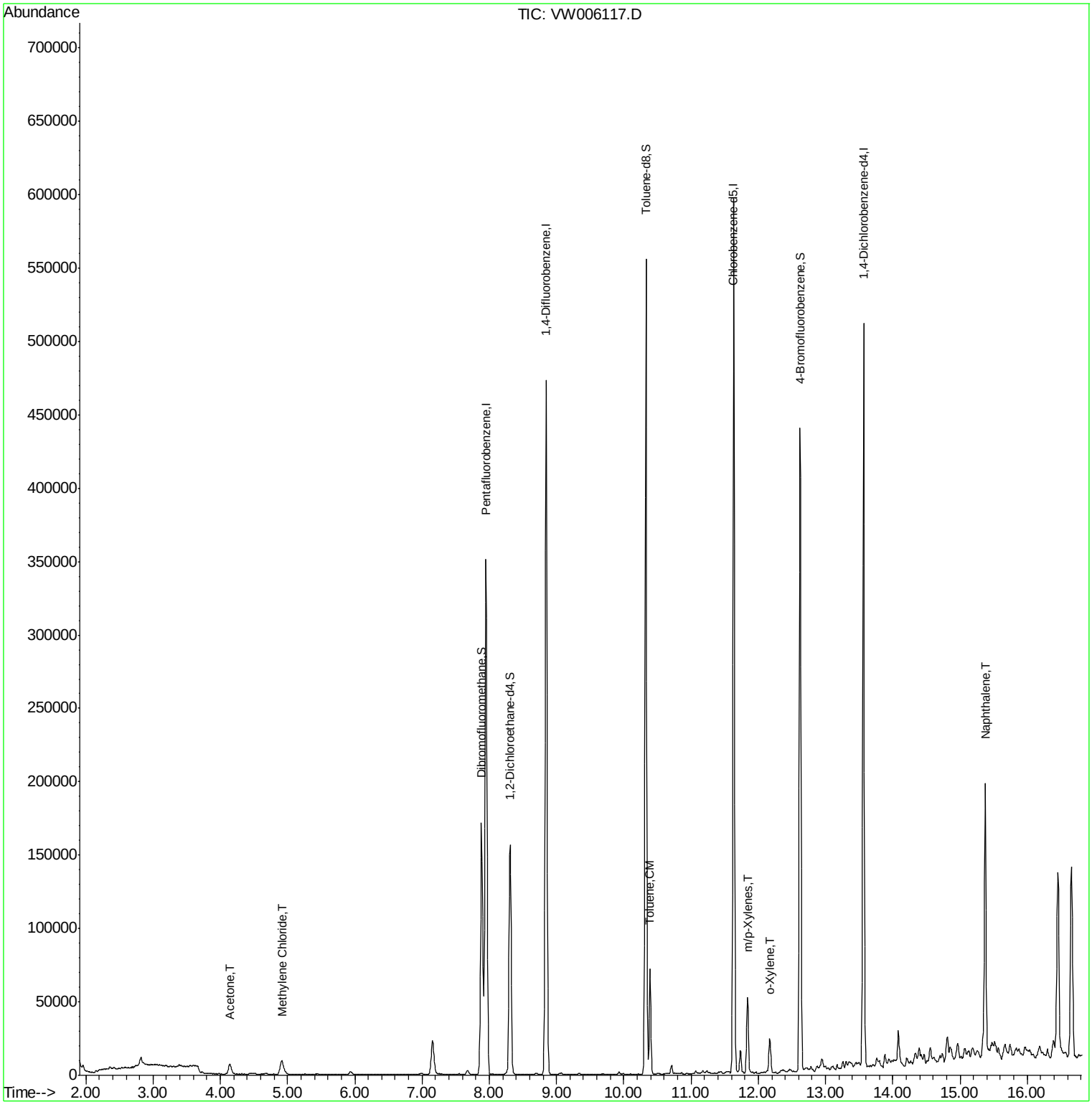
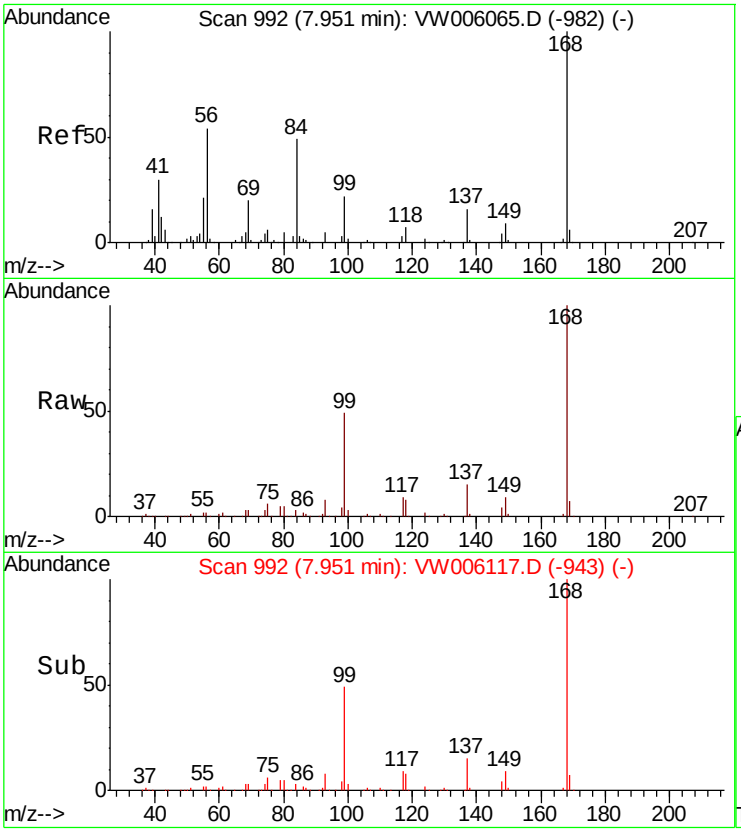


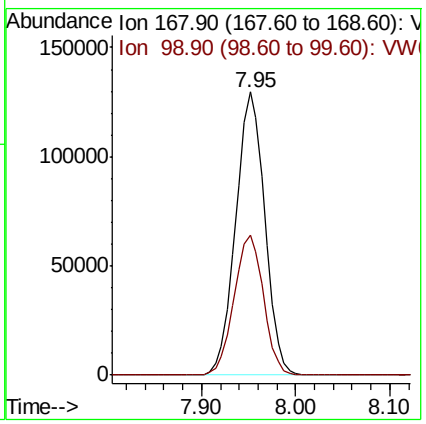


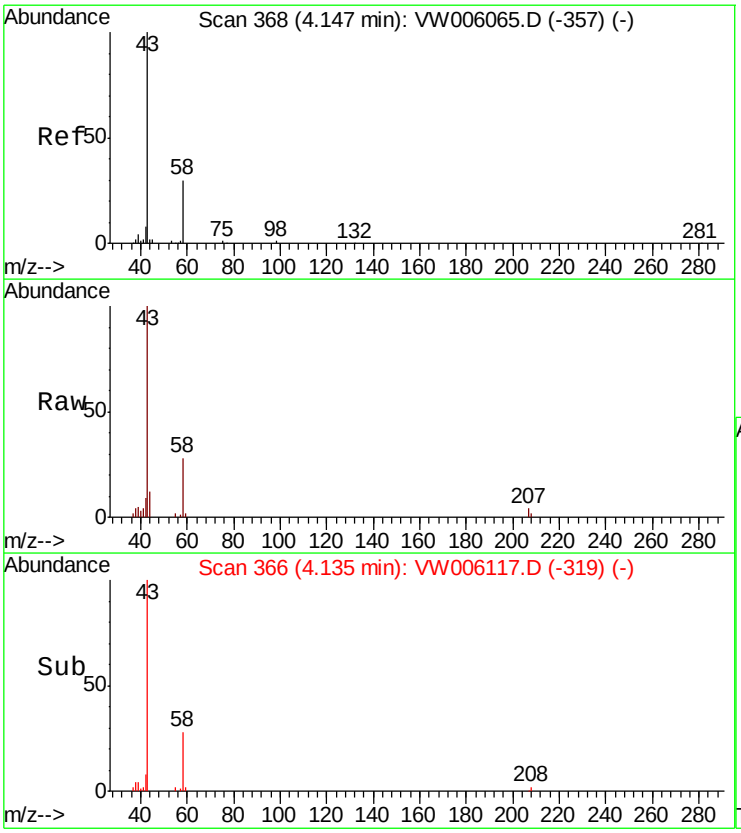
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-A

Tgt Ion:168 Resp: 279221

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.9	59.9

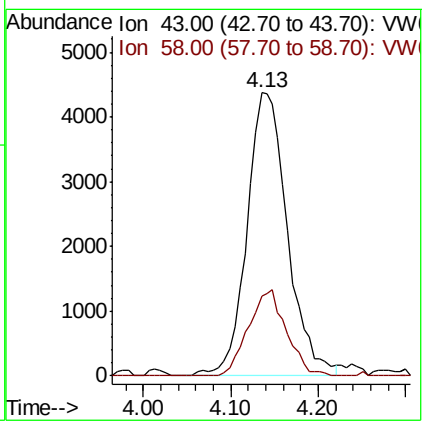


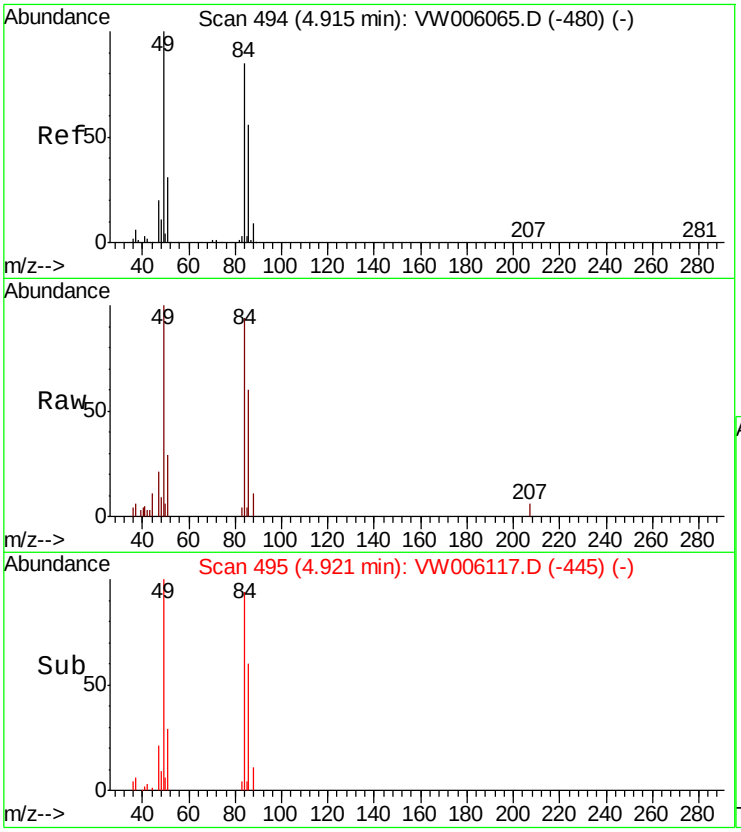


#16
Acetone
Concen: 18.770 ug/l
RT: 4.13 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion: 43 Resp: 14098

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.0	36.0



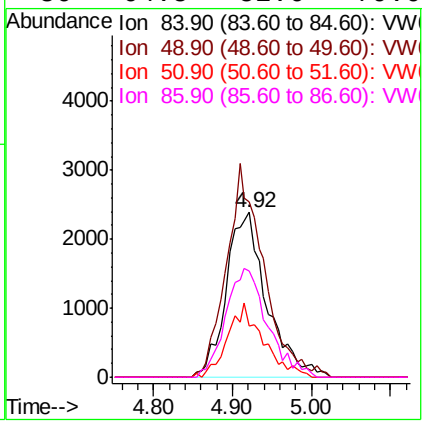


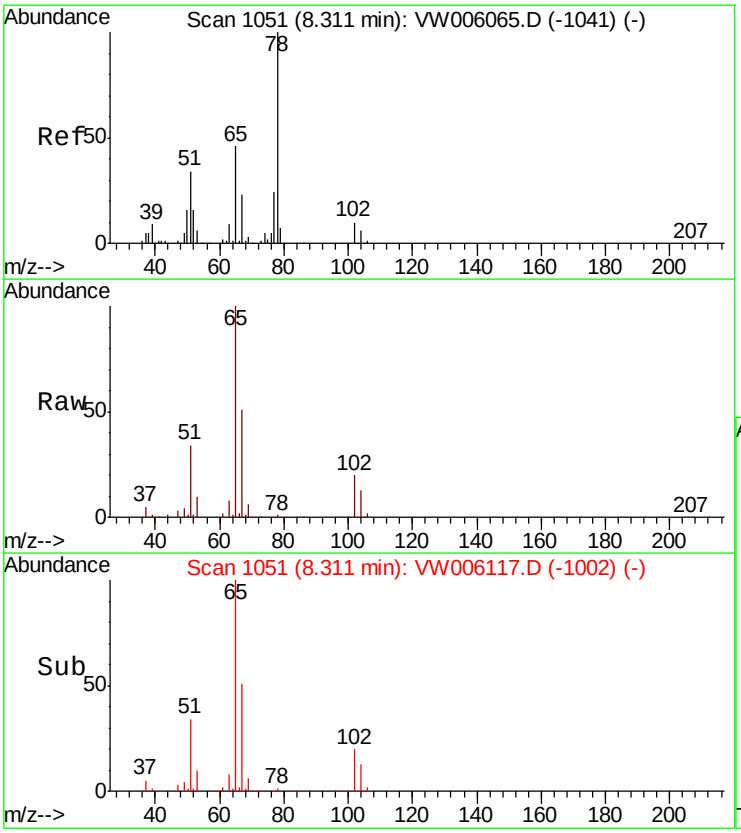
#20
Methylene Chloride
Concen: 1.900 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Tgt Ion: 84 Resp: 8490

Ion	Ratio	Lower	Upper
84	100		
49	106.6	93.6	140.4
51	30.9	29.0	43.4
86	64.5	52.6	79.0

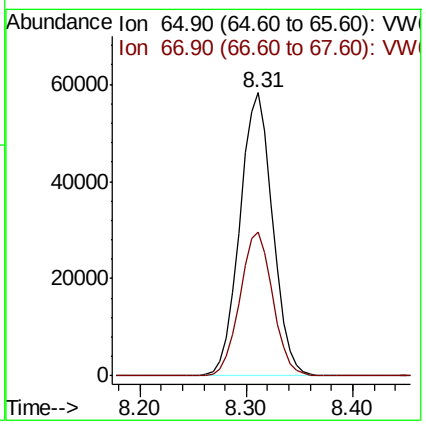


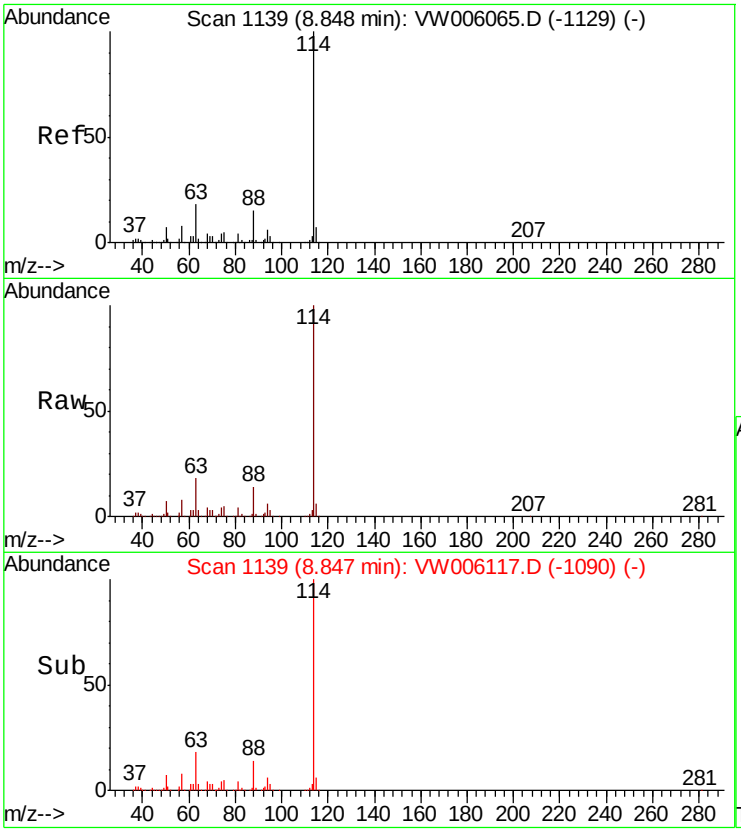


#33
1,2-Dichloroethane-d4
Concen: 54.443 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion: 65 Resp: 126030

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.0



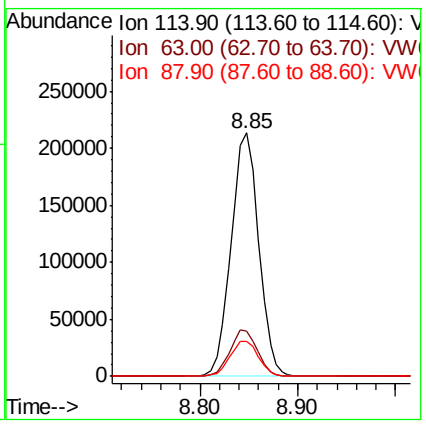


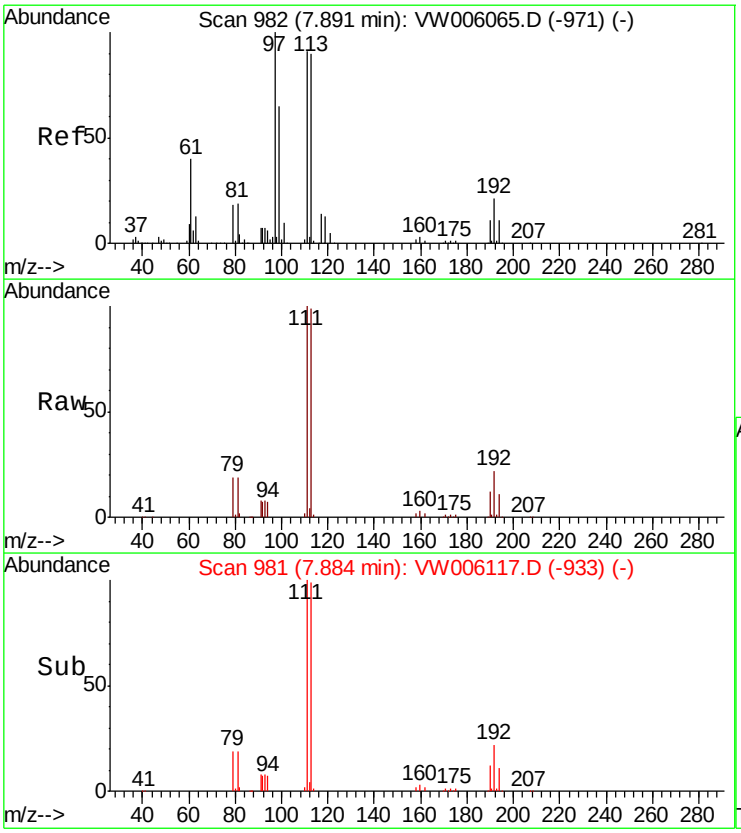
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Tgt Ion:114 Resp: 419183

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.8
88	14.4	0.0	29.0

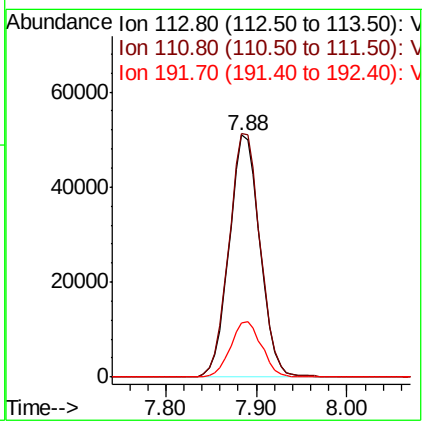


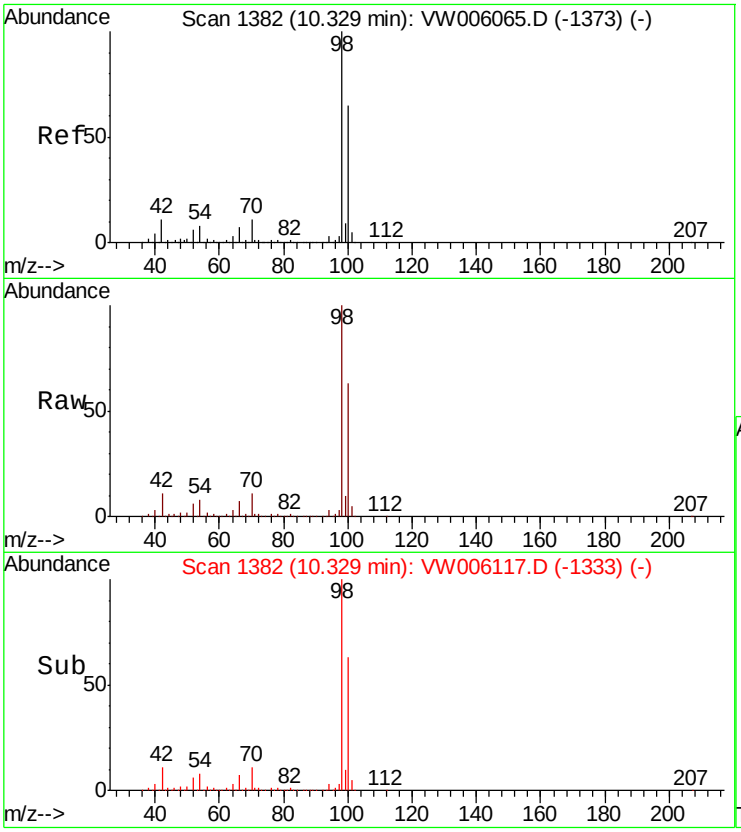


#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:113 Resp: 119694

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	23.2	18.7	28.1



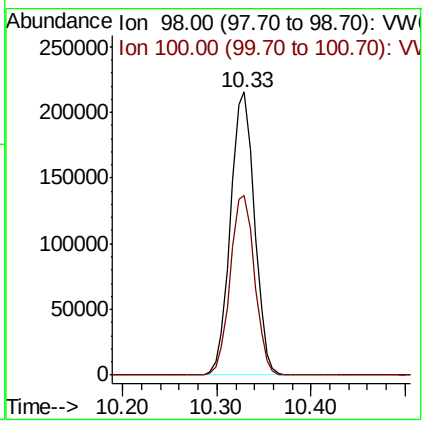


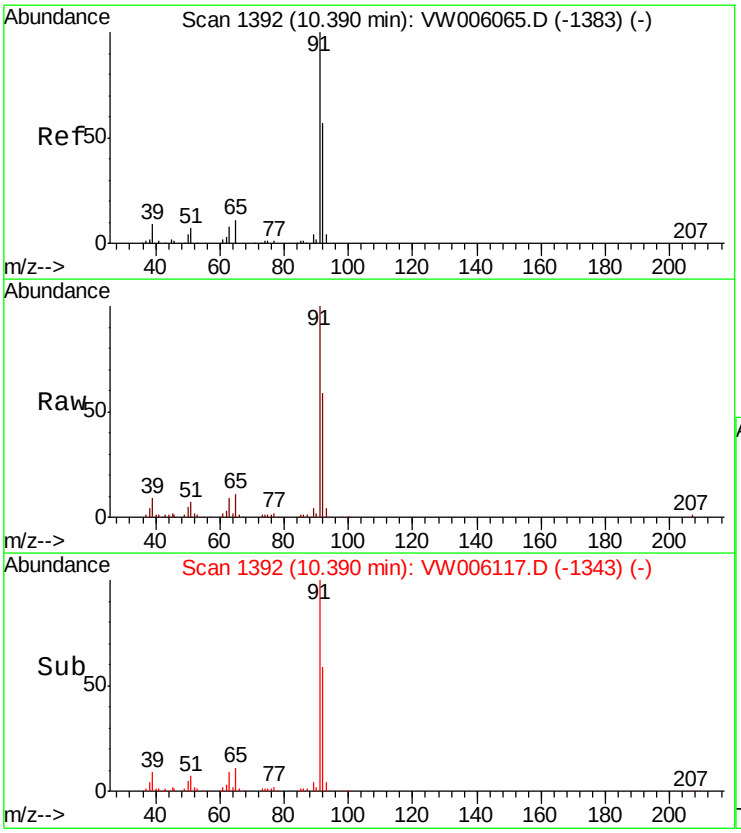
#50
Toluene-d8
Concen: 40.496 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Tgt Ion: 98 Resp: 381619

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

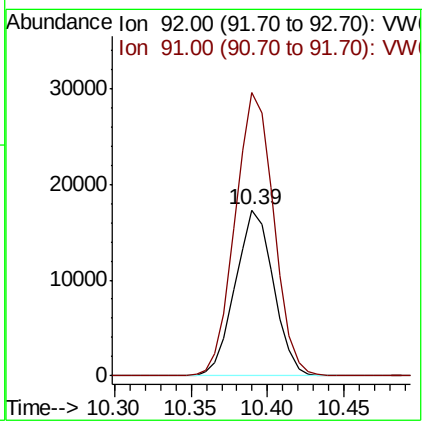


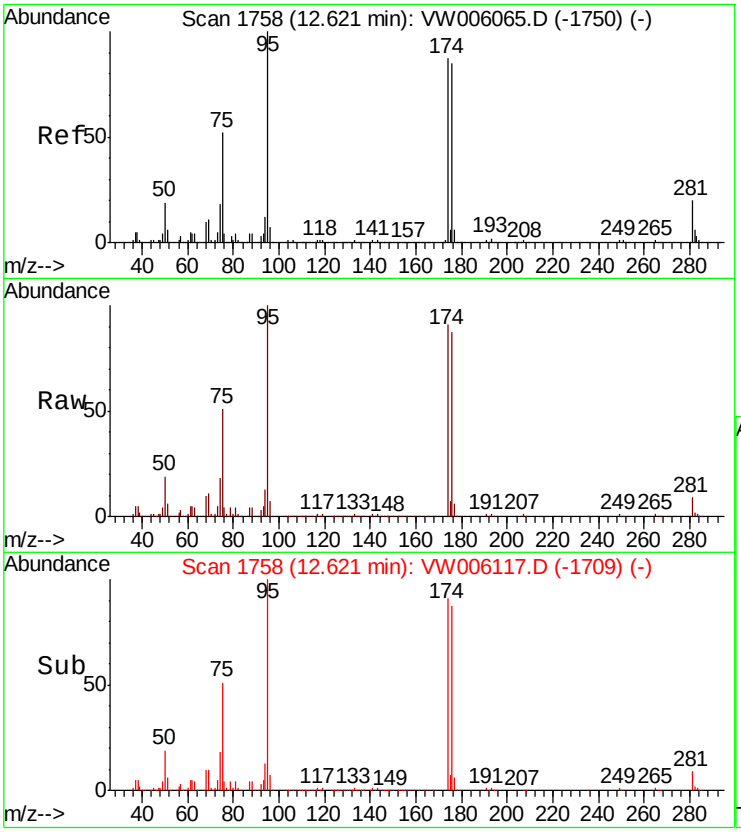


#52
Toluene
Concen: 4.218 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion: 92 Resp: 29972

Ion	Ratio	Lower	Upper
92	100		
91	173.3	140.0	210.0



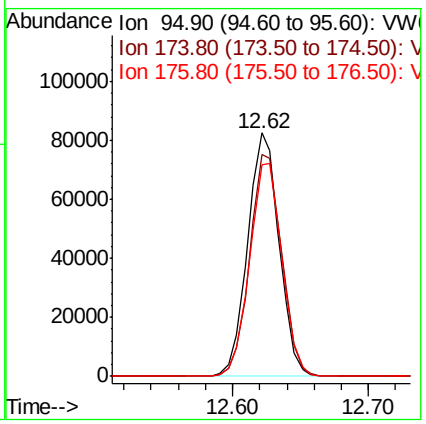


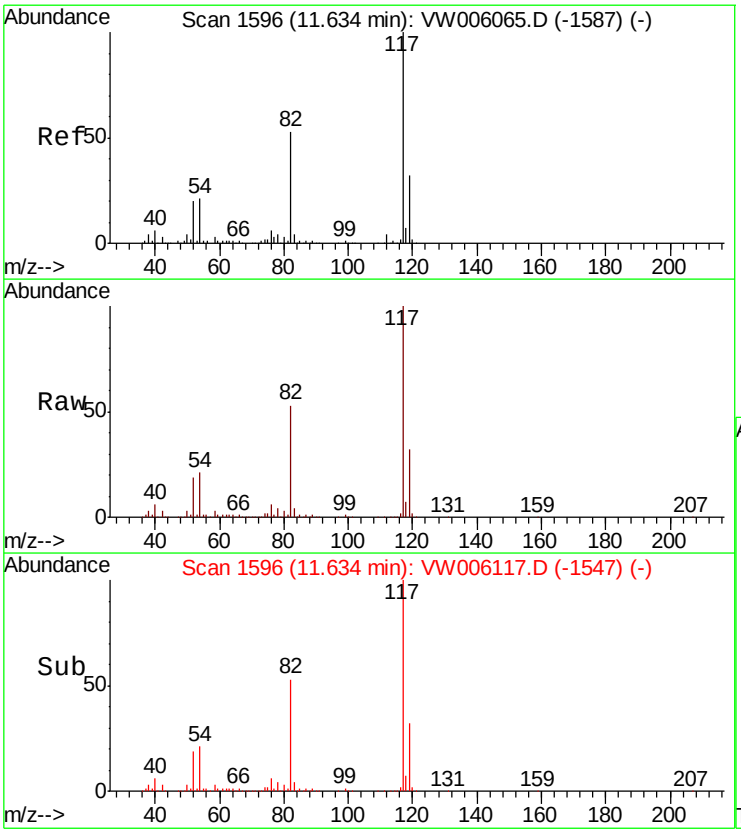
#62
4-Bromofluorobenzene
Concen: 37.702 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-A

Tgt Ion: 95 Resp: 133440

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	186.0
176	90.1	0.0	181.6

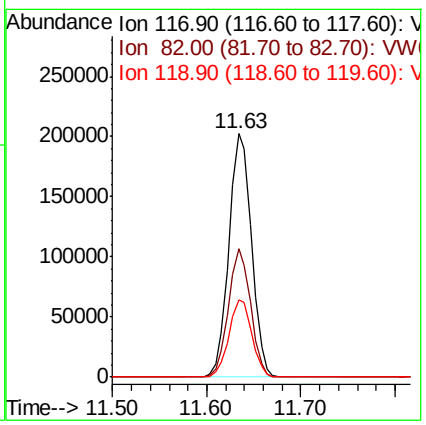


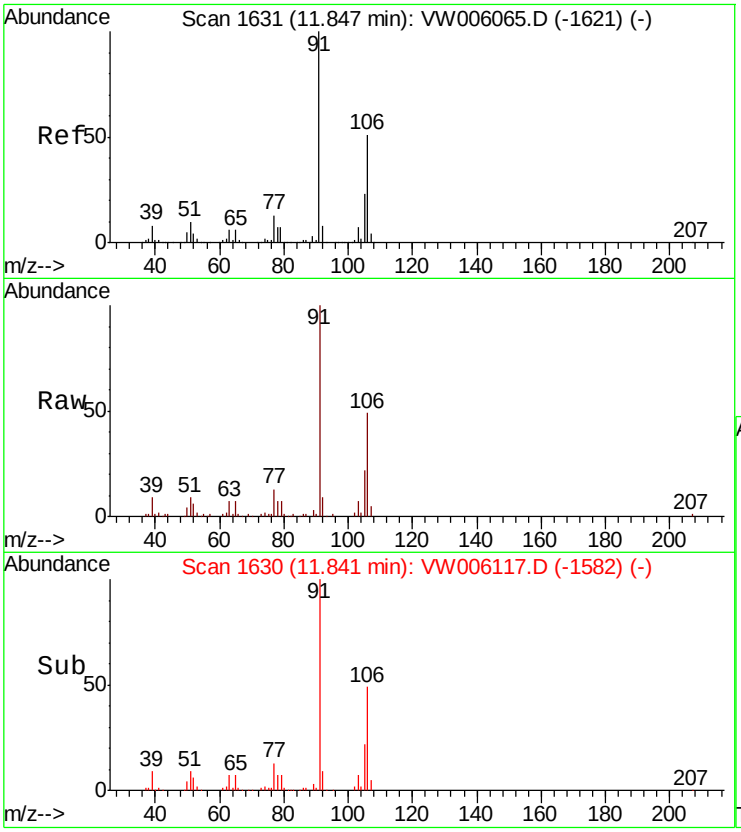


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:117 Resp: 337574

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	31.9	25.8	38.6



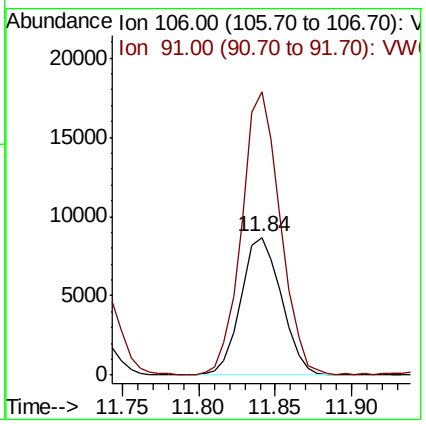


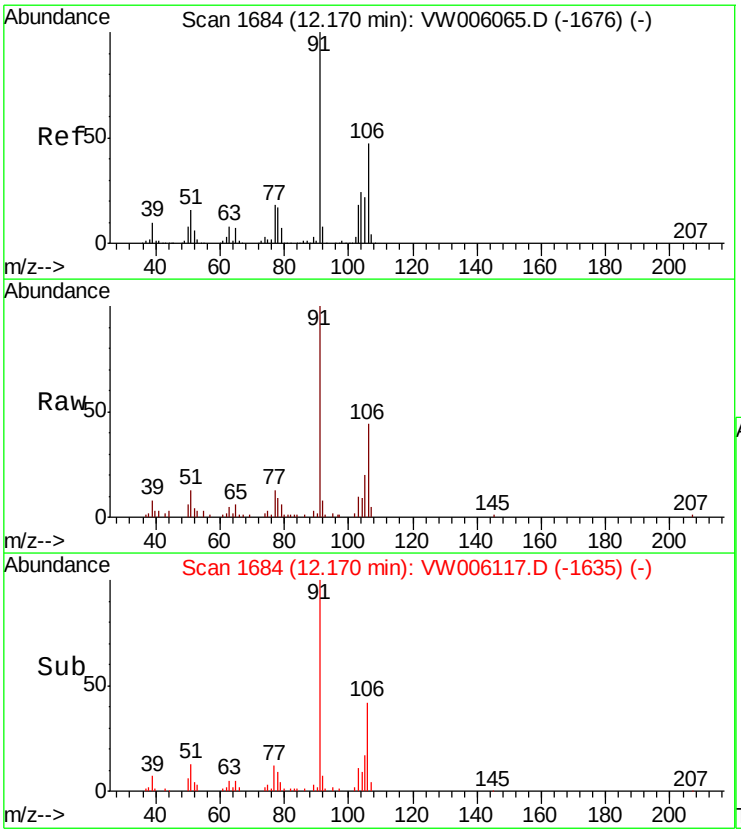
#68
m/p-Xylenes
Concen: 3.224 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Tgt Ion:106 Resp: 15959

Ion	Ratio	Lower	Upper
106	100		
91	197.0	159.1	238.7

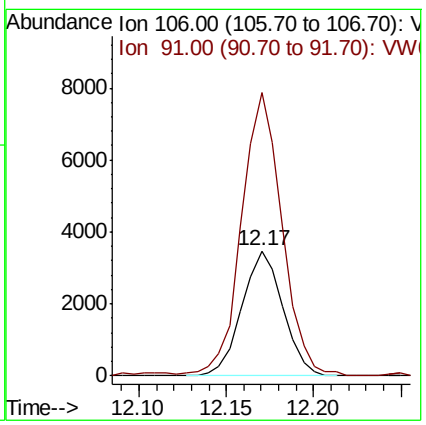


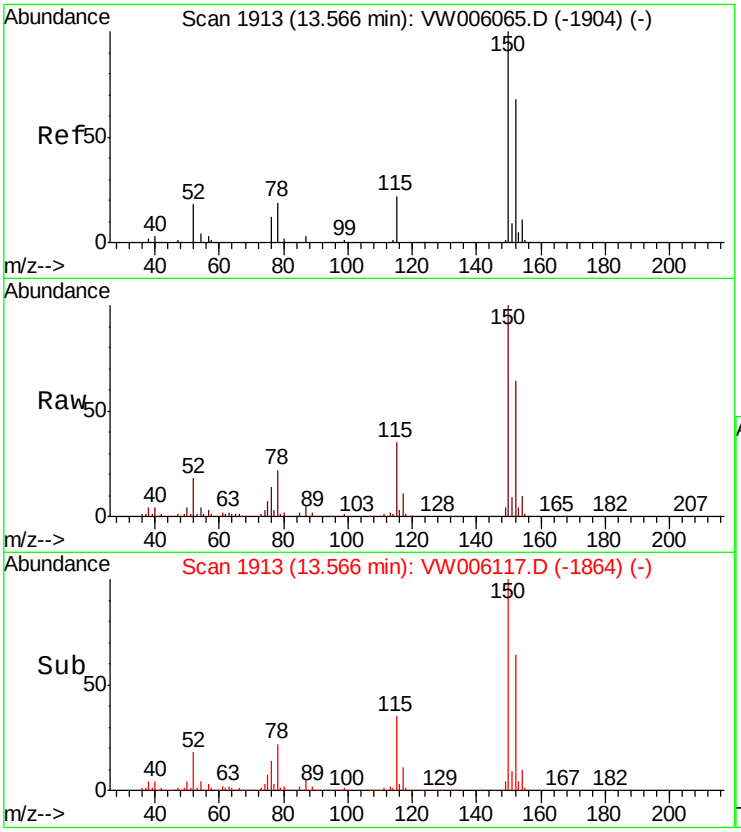


#69
o-Xylene
Concen: 1.204 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:106 Resp: 5679

Ion	Ratio	Lower	Upper
106	100		
91	224.5	105.4	316.1



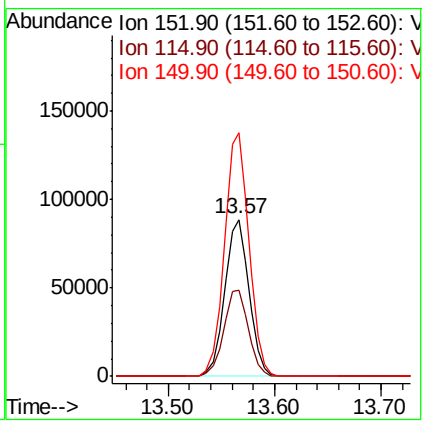


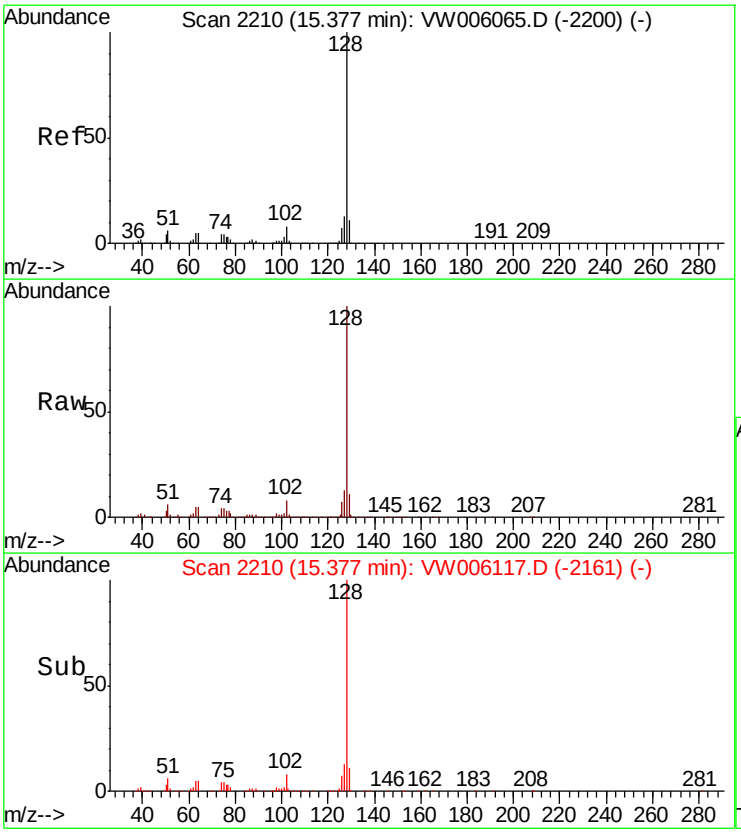
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Instrument : MSVOA_W
ClientSampleId : OR-01-101618-A

Tgt Ion:152 Resp: 140426

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.3
150	156.9	0.0	349.2





#95
Naphthalene
Concen: 30.445 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:128 Resp: 168098

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.7	13.1