Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
Data File : VW005983.D
Acq On : 10 Oct 2018 13:02
Operator : SY/AP
Sample : J5302-01
Misc : 5.20G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-TW-1-(16.5-17)

Quant Time: Oct 10 17:28:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108209	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.76%			
35) Dibromofluoromethane	7.88	113	107671	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.48%			
50) Toluene-d8	10.33	98	400268	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.28%			
62) 4-Bromofluorobenzene	12.62	95	145163	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.02%			
Target Compounds						Qvalue
20) Methylene Chloride	4.92	84	7066	3.026	ug/l	87

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

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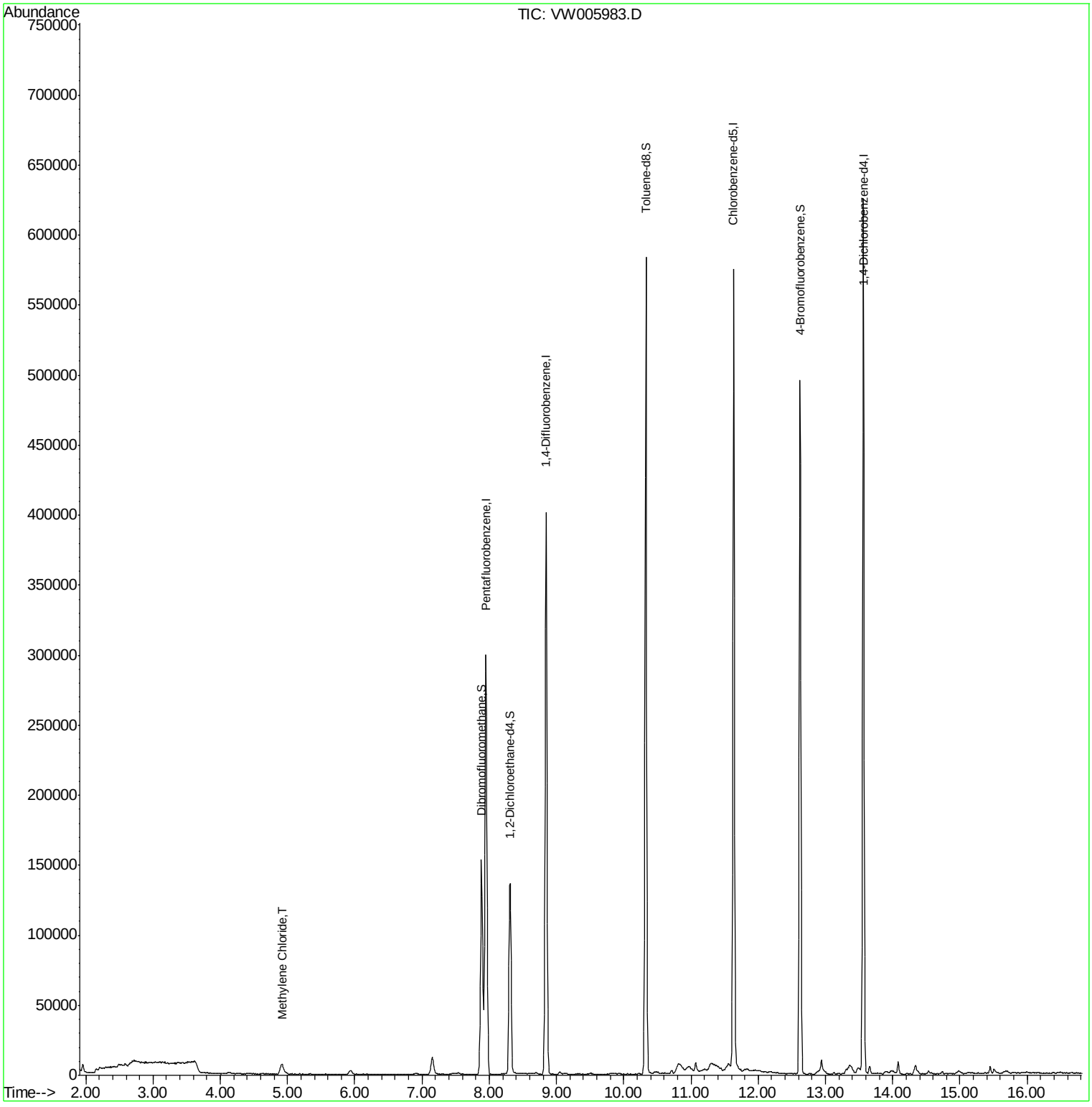
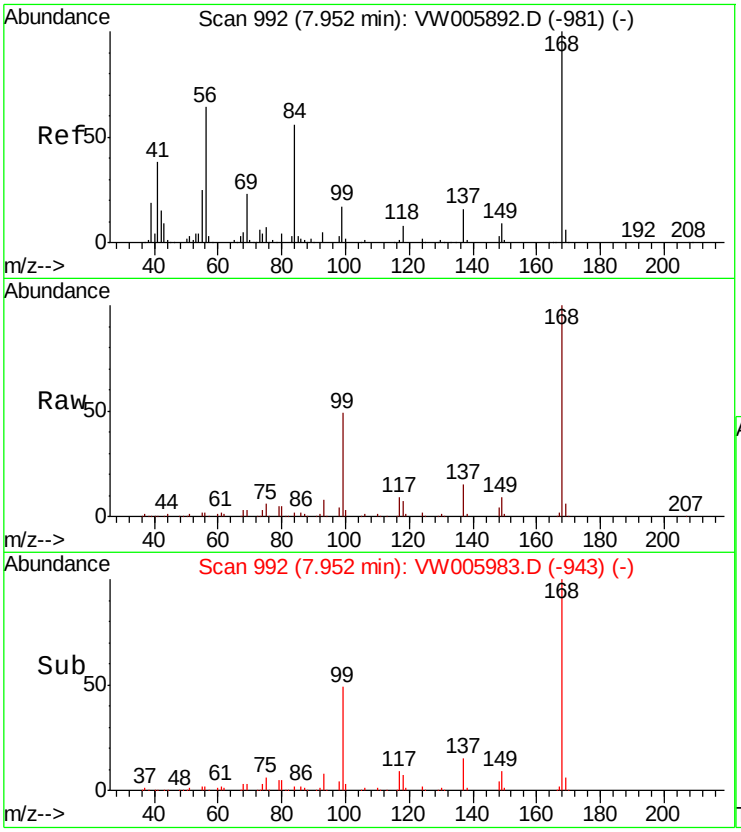


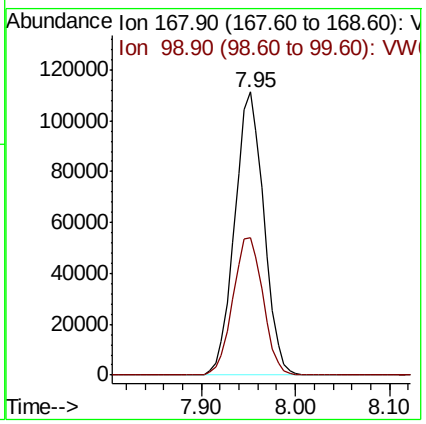


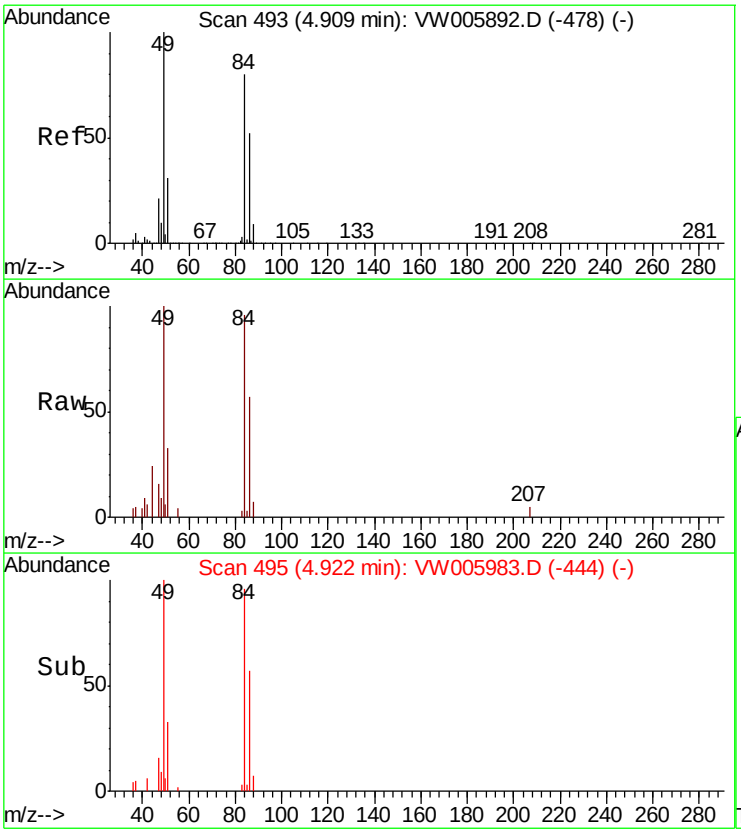
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Instrument : MSVOA_W
ClientSampleId : SB-TW-1-(16.5-17)

Tgt Ion:168 Resp: 240332

Ion	Ratio	Lower	Upper
168	100		
99	48.7	40.9	61.3

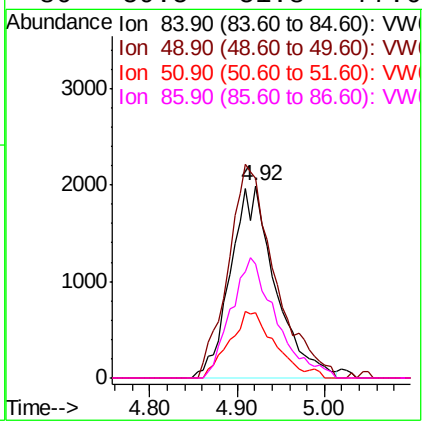


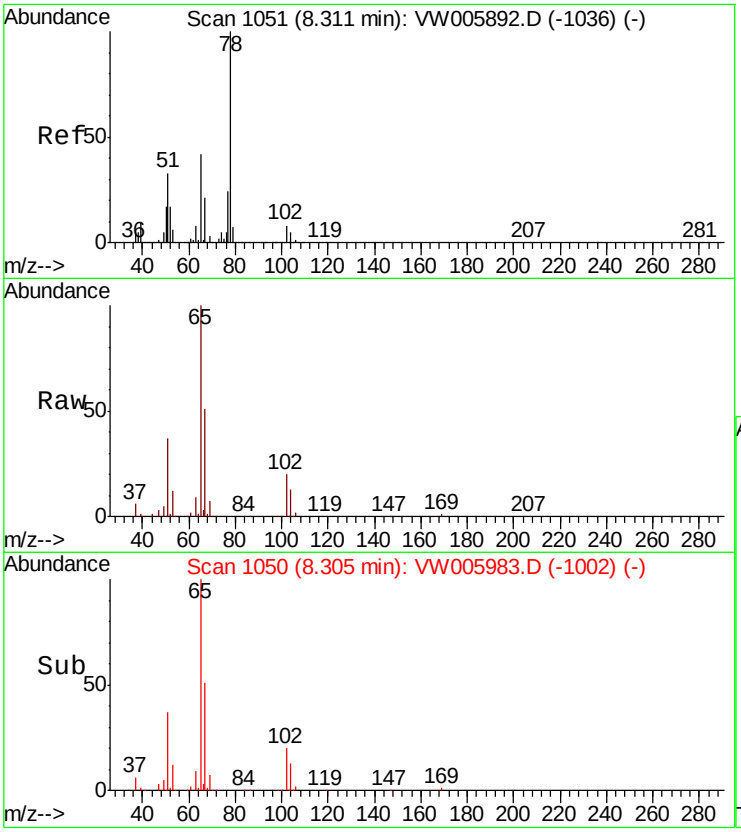


#20
Methylene Chloride
Concen: 3.026 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Tgt Ion: 84 Resp: 7066

Ion	Ratio	Lower	Upper
84	100		
49	103.7	99.9	149.9
51	34.2	31.1	46.7
86	59.5	51.8	77.6



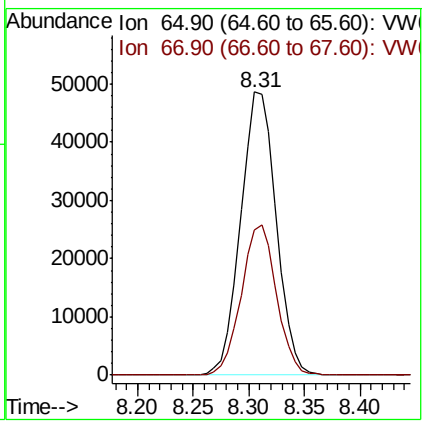


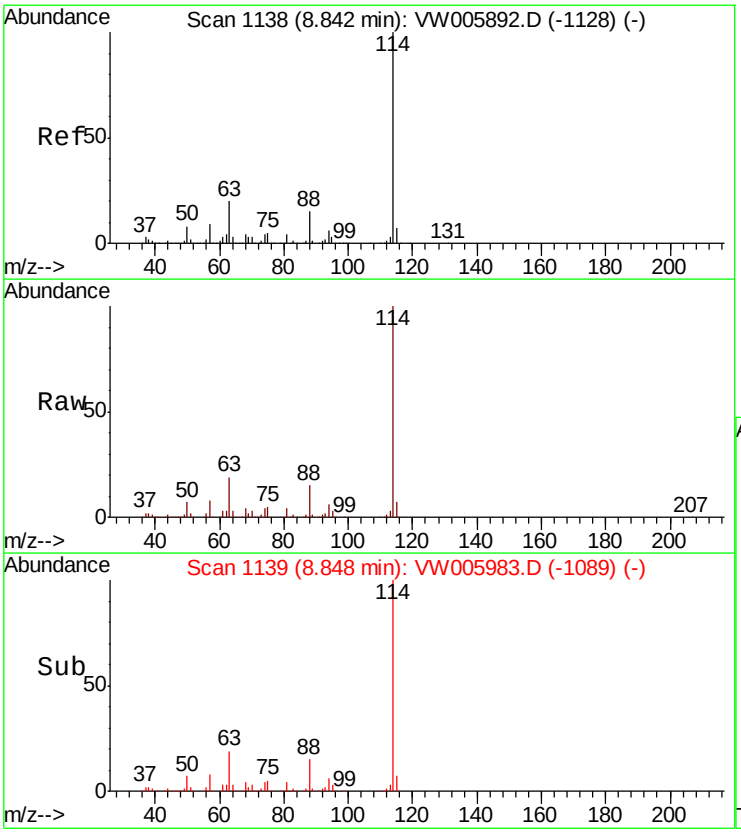
#33
1,2-Dichloroethane-d4
Concen: 46.380 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

Tgt Ion: 65 Resp: 108209

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6

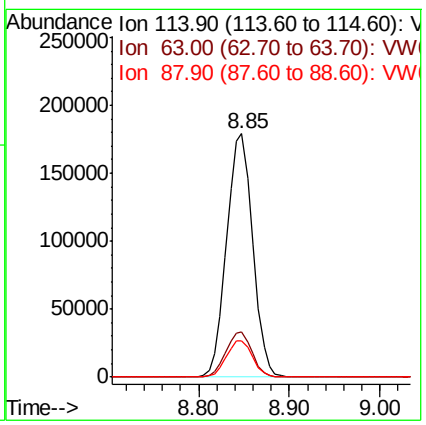


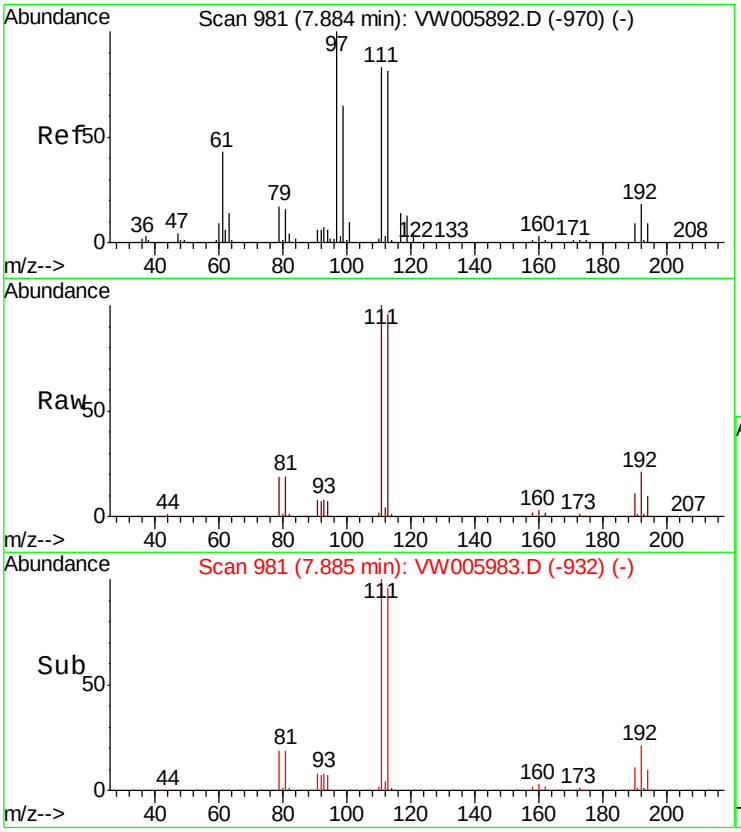


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Tgt Ion:114 Resp: 357025

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	15.0	0.0	30.8



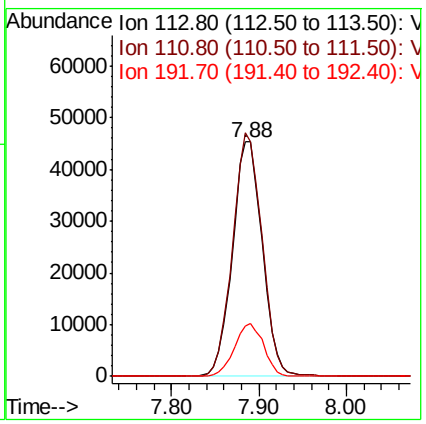


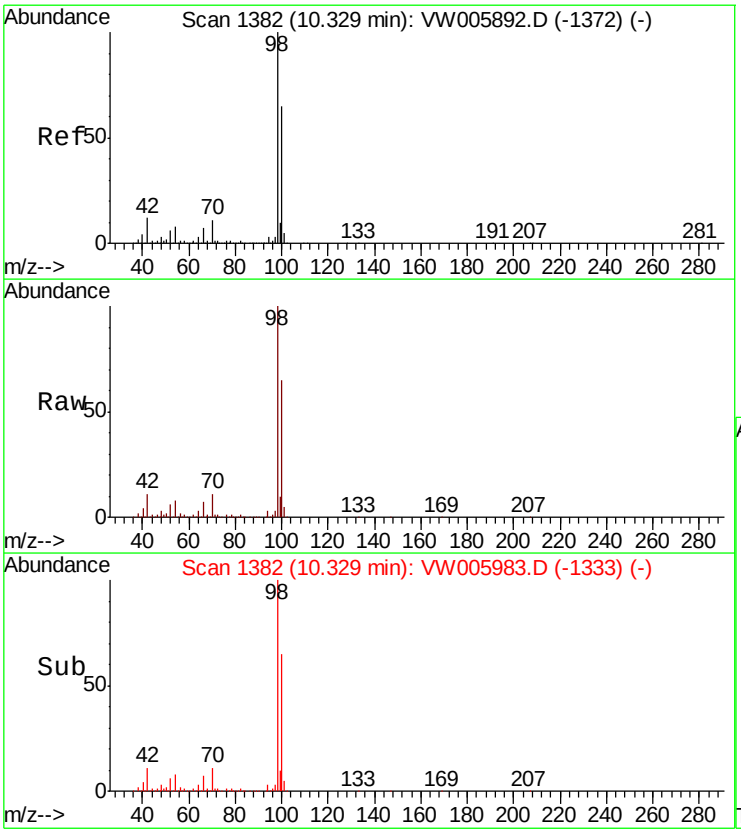
#35
Dibromofluoromethane
Concen: 47.235 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Instrument : MSVOA_W
ClientSampleId : SB-TW-1-(16.5-17)

Tgt Ion:113 Resp: 107671

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.0	18.3	27.5

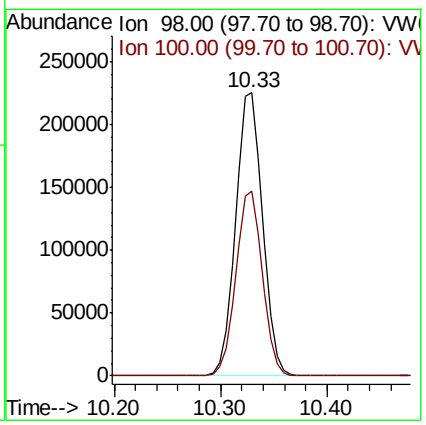


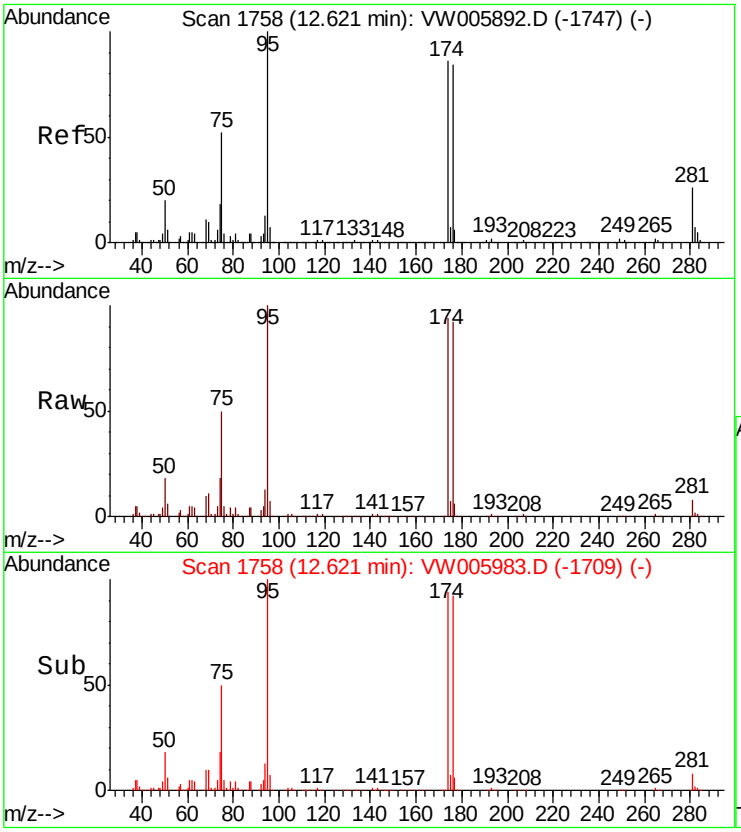


#50
Toluene-d8
Concen: 45.640 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Tgt Ion: 98 Resp: 400268

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



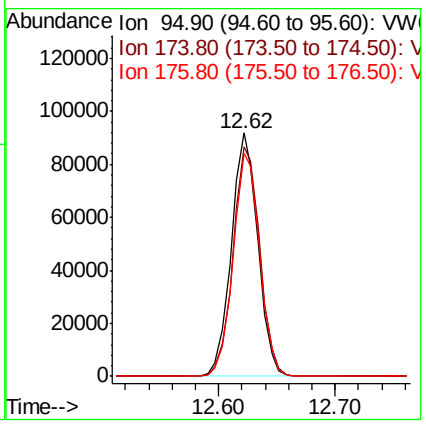


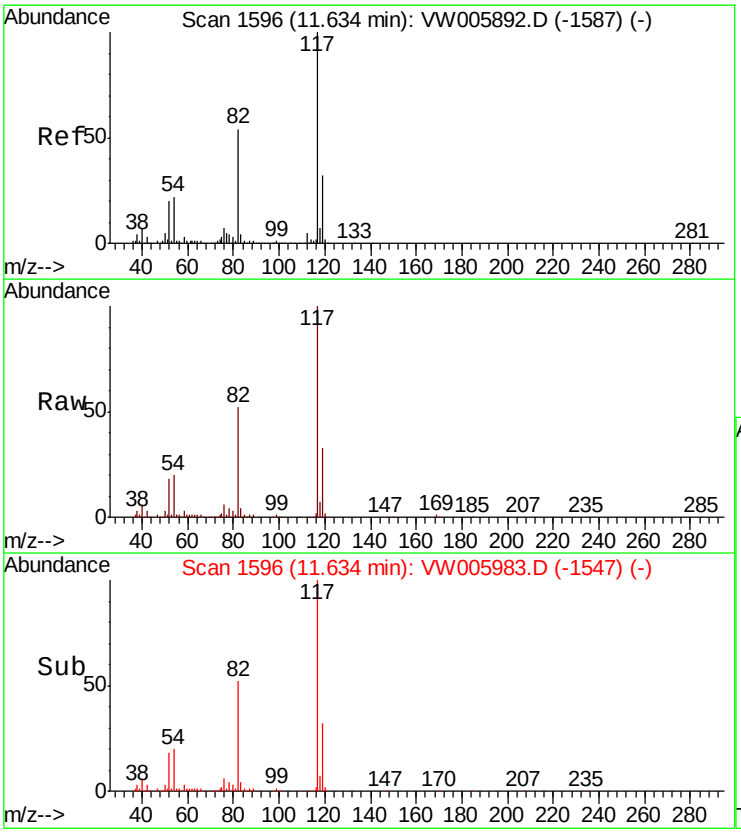
#62
4-Bromofluorobenzene
Concen: 43.505 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

Tgt Ion: 95 Resp: 145163

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	176.4
176	91.8	0.0	173.0

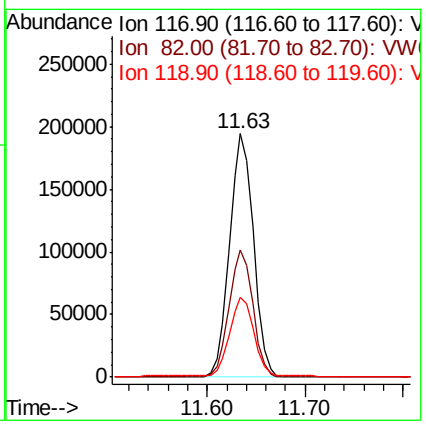


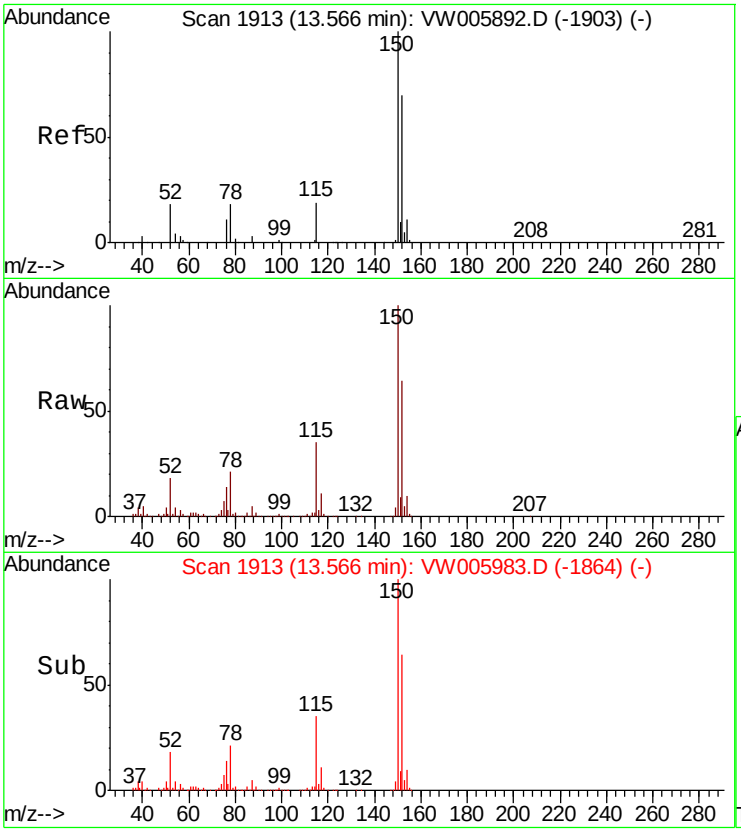


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Tgt Ion:117 Resp: 328665

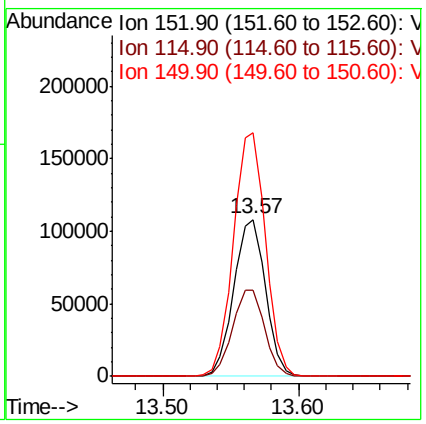
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.5	65.3
119	32.4	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005983.D
Acq: 10 Oct 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-1-(16.5-17)

Tgt Ion:152 Resp: 175675

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.3	85.0
150	156.9	0.0	349.2