Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
Data File : VD061092.D
Acq On : 15 Mar 2019 17:41
Operator : VA/AP
Sample : K1901-10RE
Misc : 5.08g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-16(7-8)RE

Quant Time: Mar 16 06:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	442572	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	814997	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	541489	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	156503	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	203069	55.12	ug/l	0.04
Spiked Amount 50.000			Recovery = 110.24%			
35) Dibromofluoromethane	6.95	113	300222	49.64	ug/l	0.03
Spiked Amount 50.000			Recovery = 99.28%			
50) Toluene-d8	10.44	98	616668	40.60	ug/l	0.04
Spiked Amount 50.000			Recovery = 81.20%			
62) 4-Bromofluorobenzene	13.57	95	174152	29.55	ug/l	0.02
Spiked Amount 50.000			Recovery = 59.10%			
Target Compounds						Qvalue
20) Methylene Chloride	3.84	84	29763	1.690	ug/l	87

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

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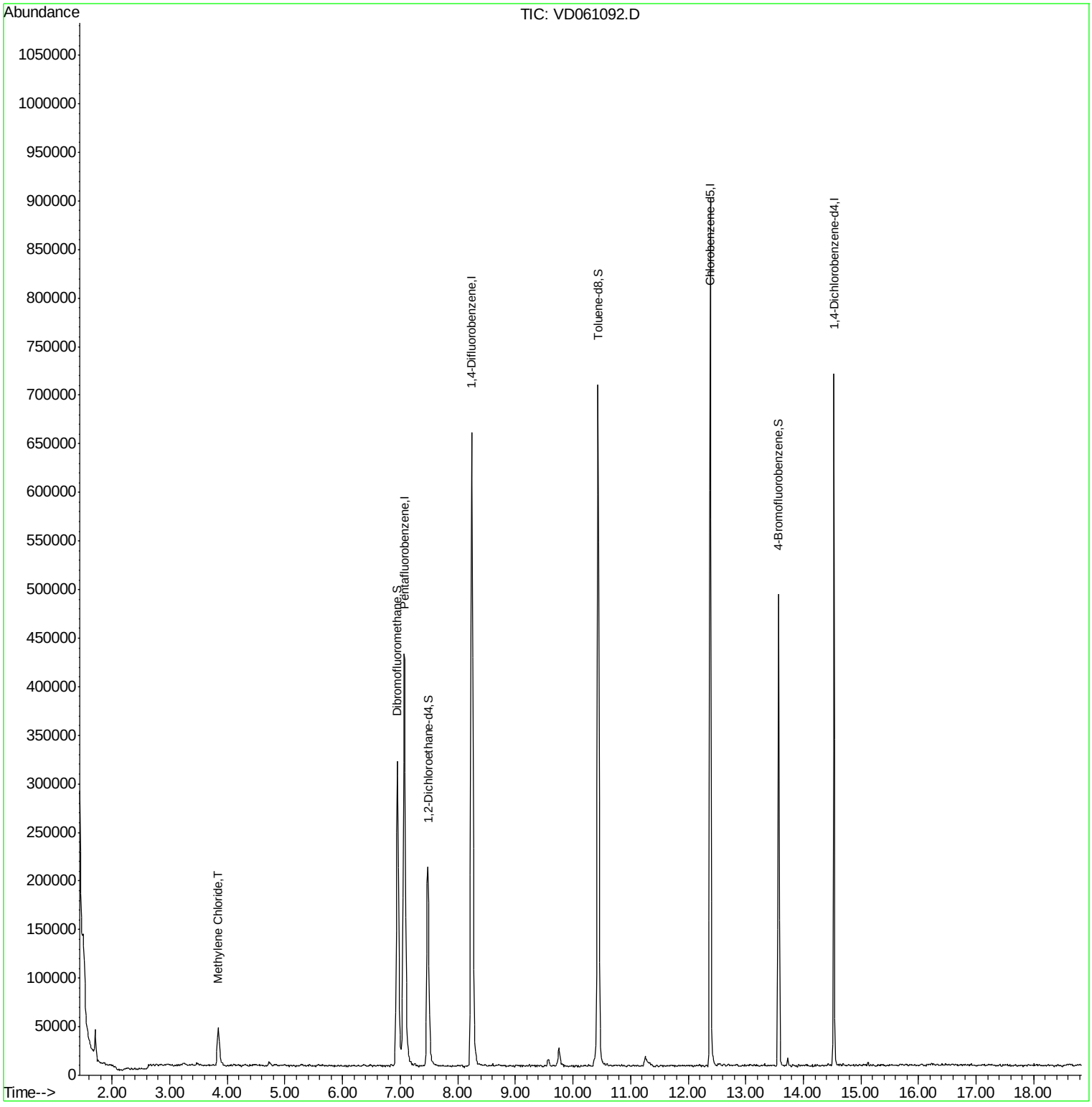
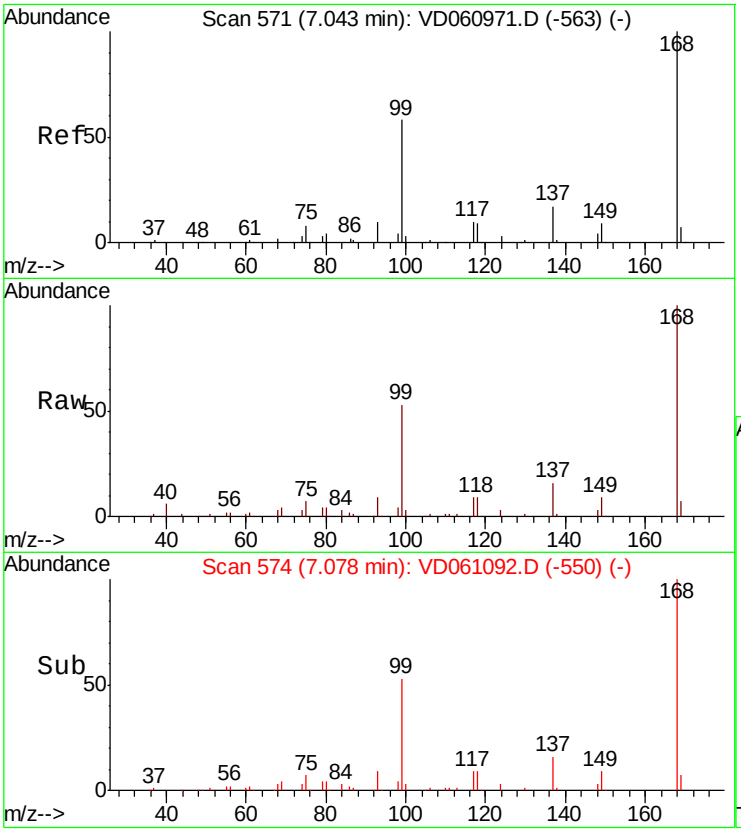


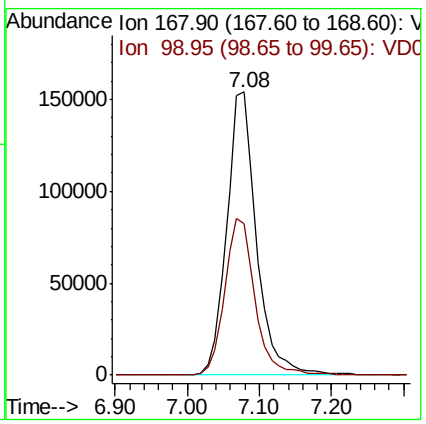


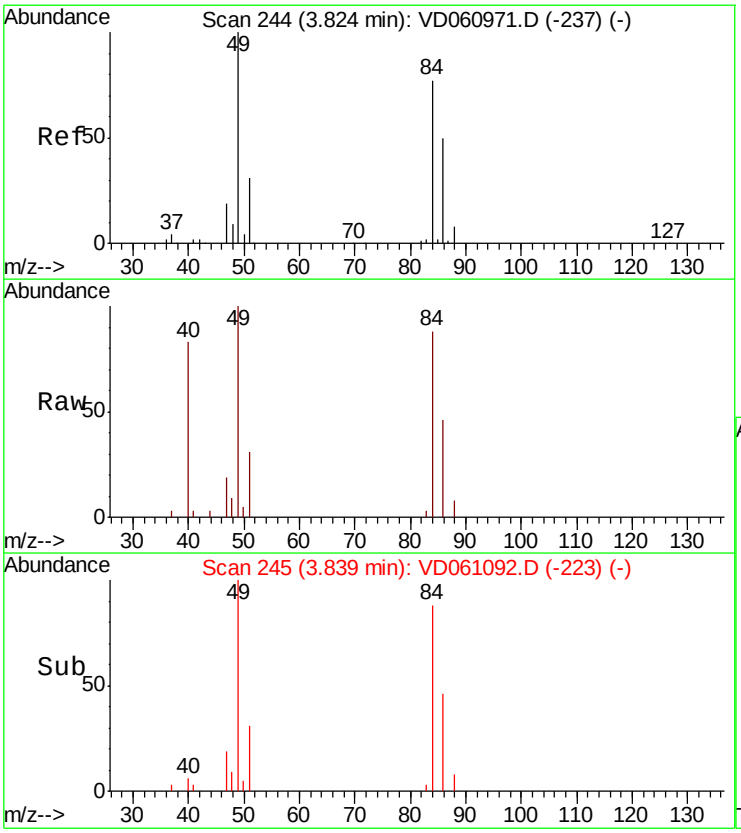
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 574
Delta R.T. 0.04 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Instrument : MSVOA_D
ClientSampleId : SB-16(7-8)RE

Tgt Ion:168 Resp: 442572

Ion	Ratio	Lower	Upper
168	100		
99	53.4	47.3	70.9

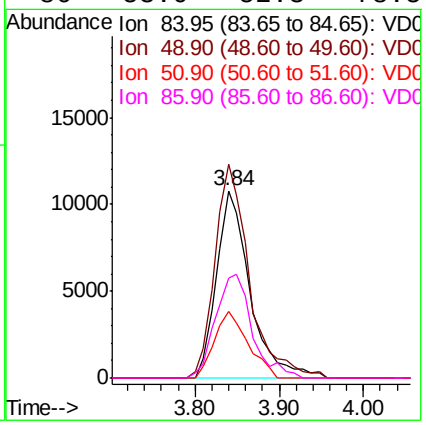


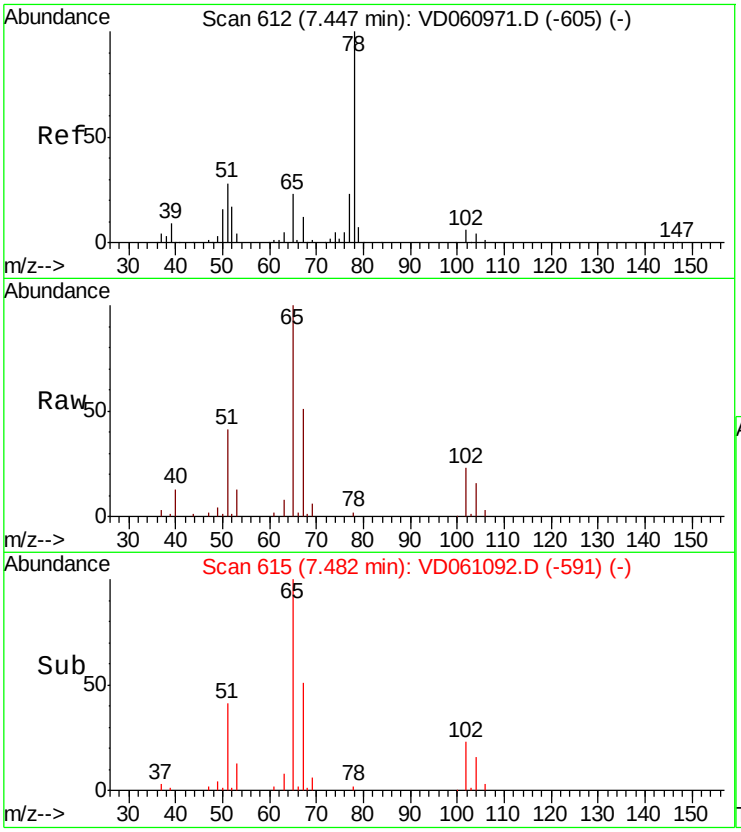


#20
Methylene Chloride
Concen: 1.690 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Tgt Ion: 84 Resp: 29763

Ion	Ratio	Lower	Upper
84	100		
49	114.0	104.2	156.2
51	35.5	32.3	48.5
86	53.0	52.3	78.5



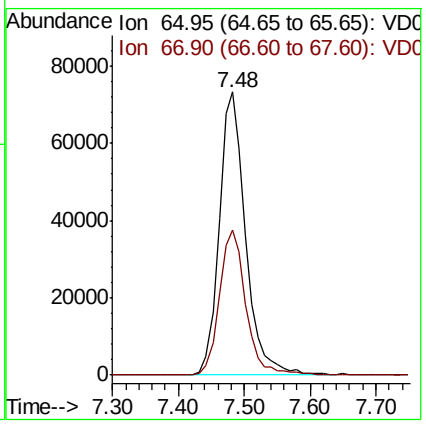


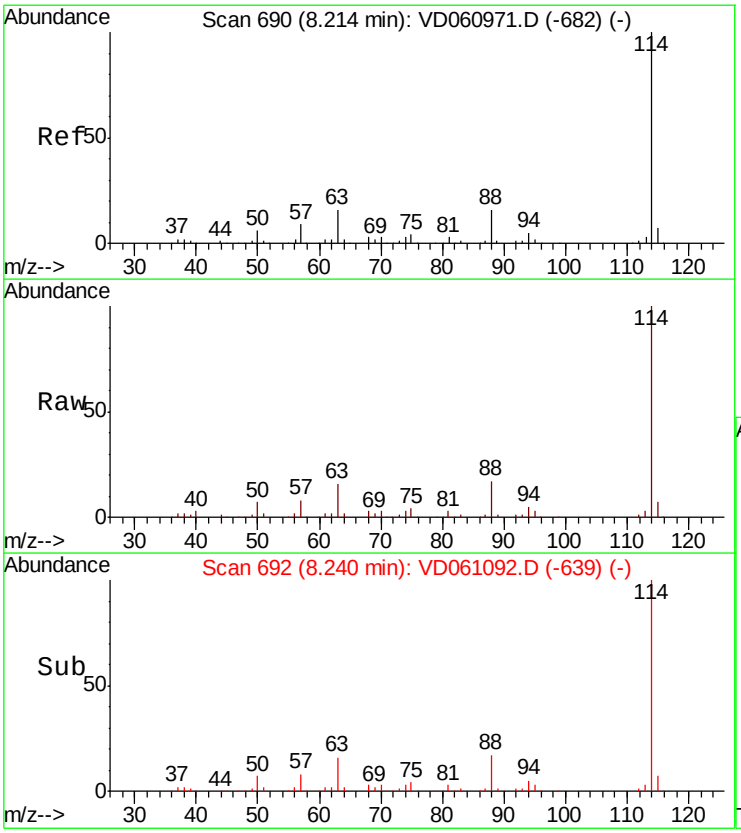
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.04 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Instrument : MSVOA_D
ClientSampleId : SB-16(7-8)RE

Tgt Ion: 65 Resp: 203069

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.2

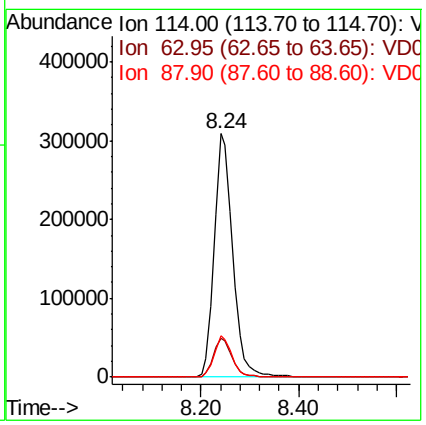


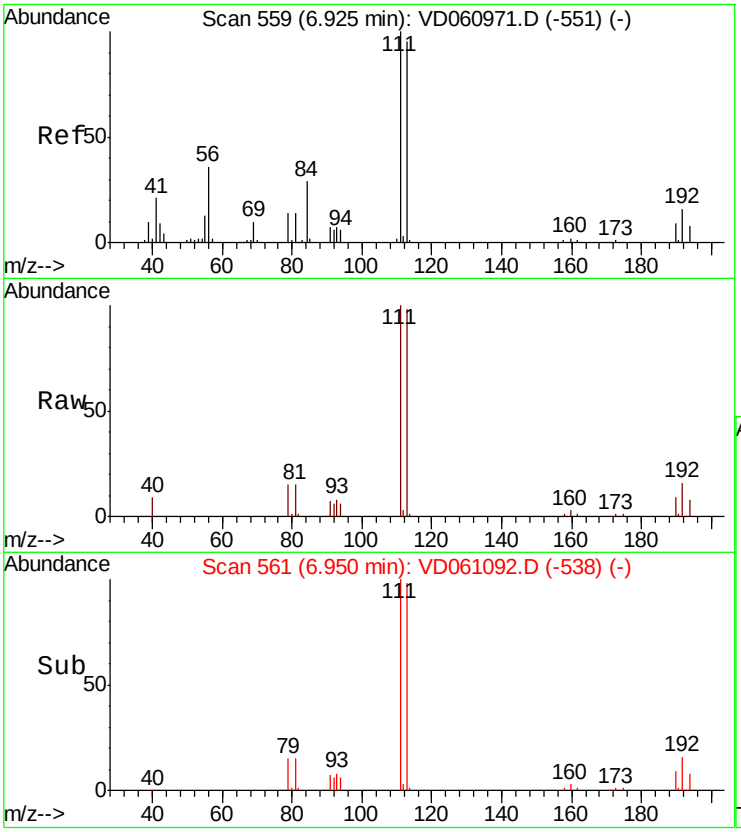


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.03 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Tgt Ion:114 Resp: 814997

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	31.4
88	17.0	0.0	33.0



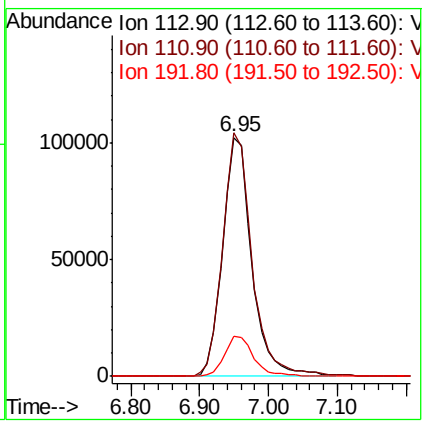


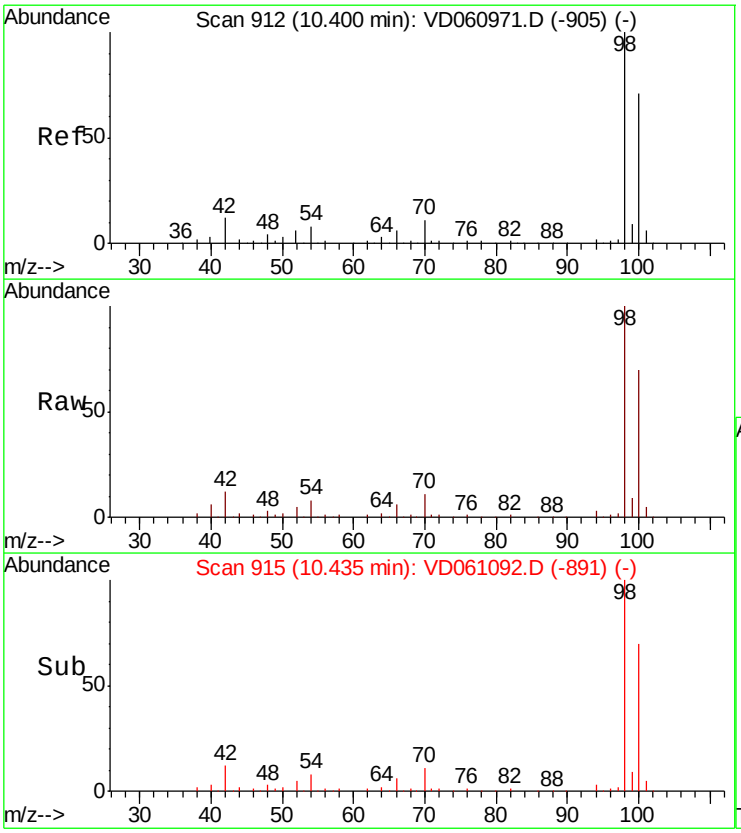
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.03 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Instrument :
MSVOA_D
ClientSampleId :
SB-16(7-8)RE

Tgt Ion:113 Resp: 300222

Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.2	126.4
192	16.7	13.1	19.7

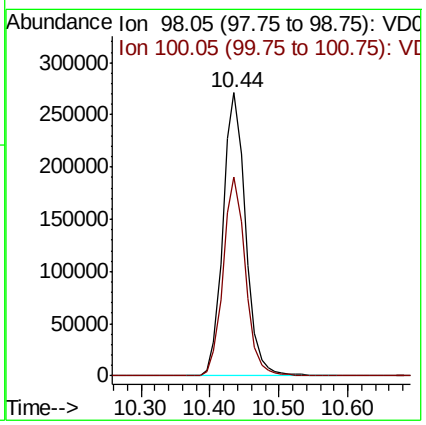


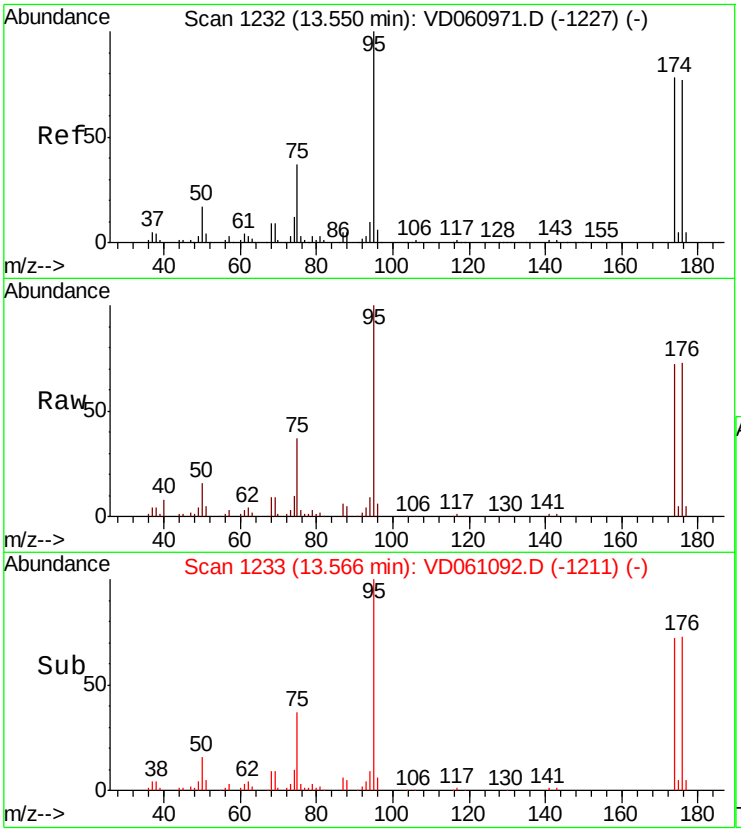


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 915
Delta R.T. 0.04 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Tgt Ion: 98 Resp: 616668

Ion	Ratio	Lower	Upper
98	100		
100	70.3	57.4	86.2



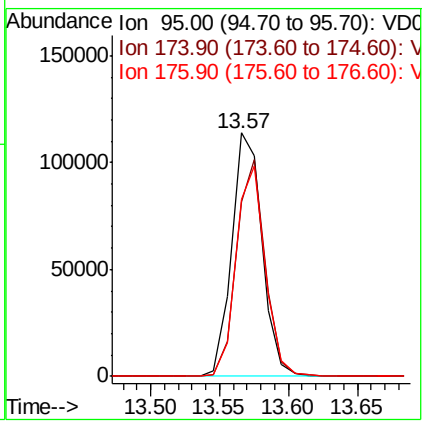


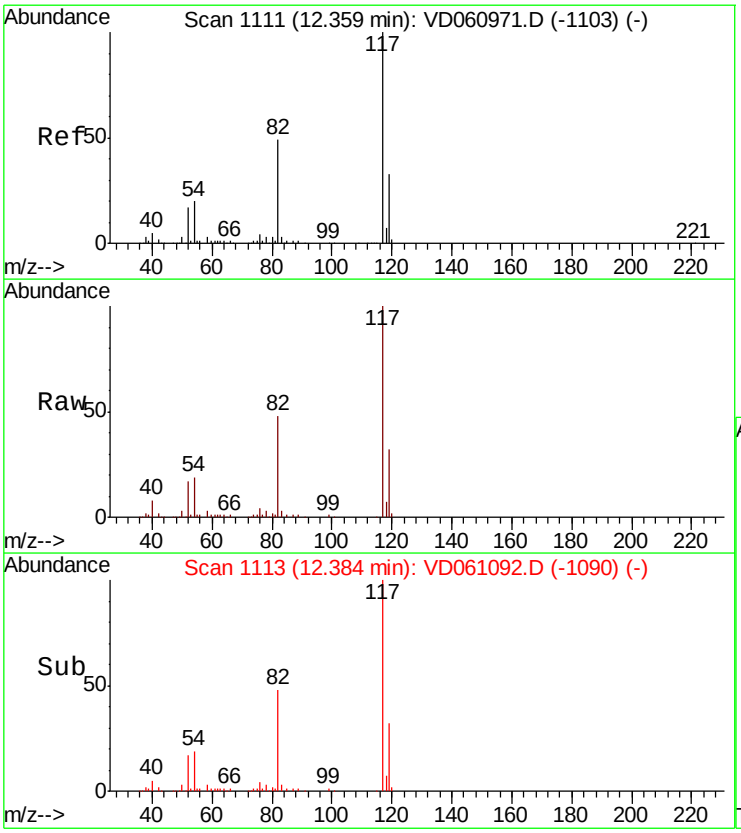
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Instrument : MSVOA_D
ClientSampleId : SB-16(7-8)RE

Tgt Ion: 95 Resp: 174152

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	155.6
176	73.0	0.0	153.8

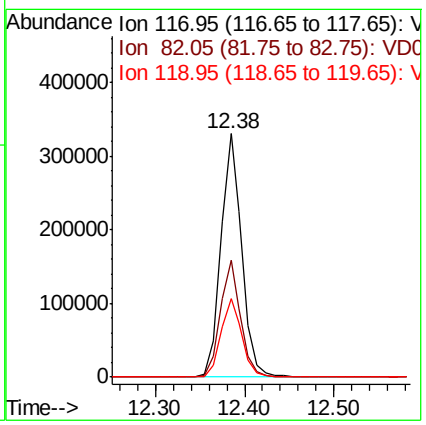


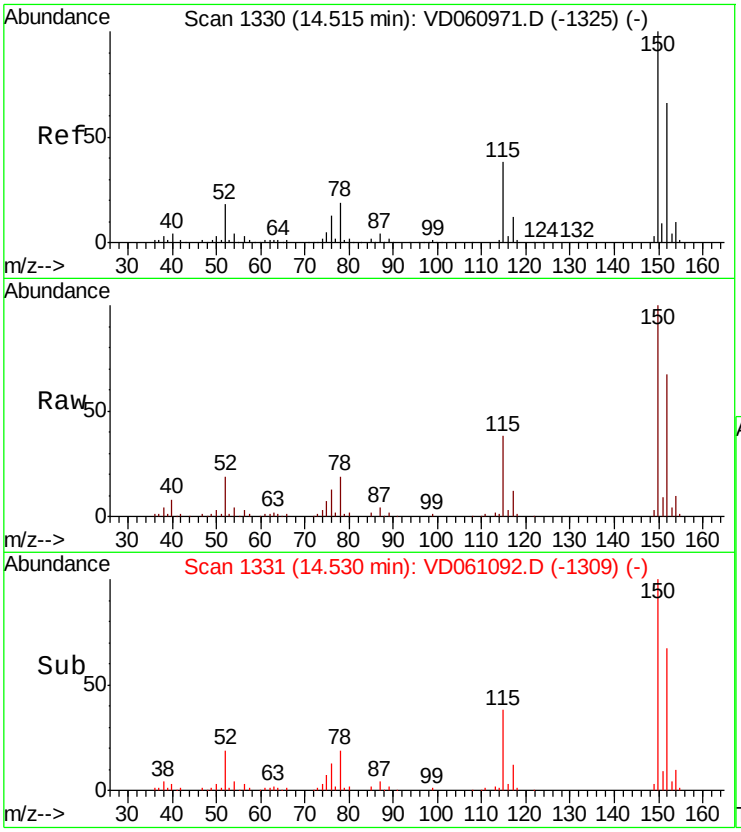


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Tgt Ion:117 Resp: 541489

Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.9	58.3
119	32.5	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061092.D
Acq: 15 Mar 2019 17:41

Instrument :
MSVOA_D
ClientSampleId :
SB-16(7-8)RE

Tgt Ion:152 Resp: 156503

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.6	85.9
150	148.5	0.0	310.6