Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042219\
Data File : VD061934.D
Acq On : 22 Apr 2019 12:56
Operator : VA/AP
Sample : VD0422SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0422SBL01

Quant Time: Apr 22 23:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	655634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1046831	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	845031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	379673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	282918	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
35) Dibromofluoromethane	6.93	113	427023	53.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 107.98%			
50) Toluene-d8	10.41	98	1000653	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.80%			
62) 4-Bromofluorobenzene	13.56	95	392538	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.36%			
Target Compounds						Qvalue
20) Methylene Chloride	3.82	84	41884	1.800	ug/l	94

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

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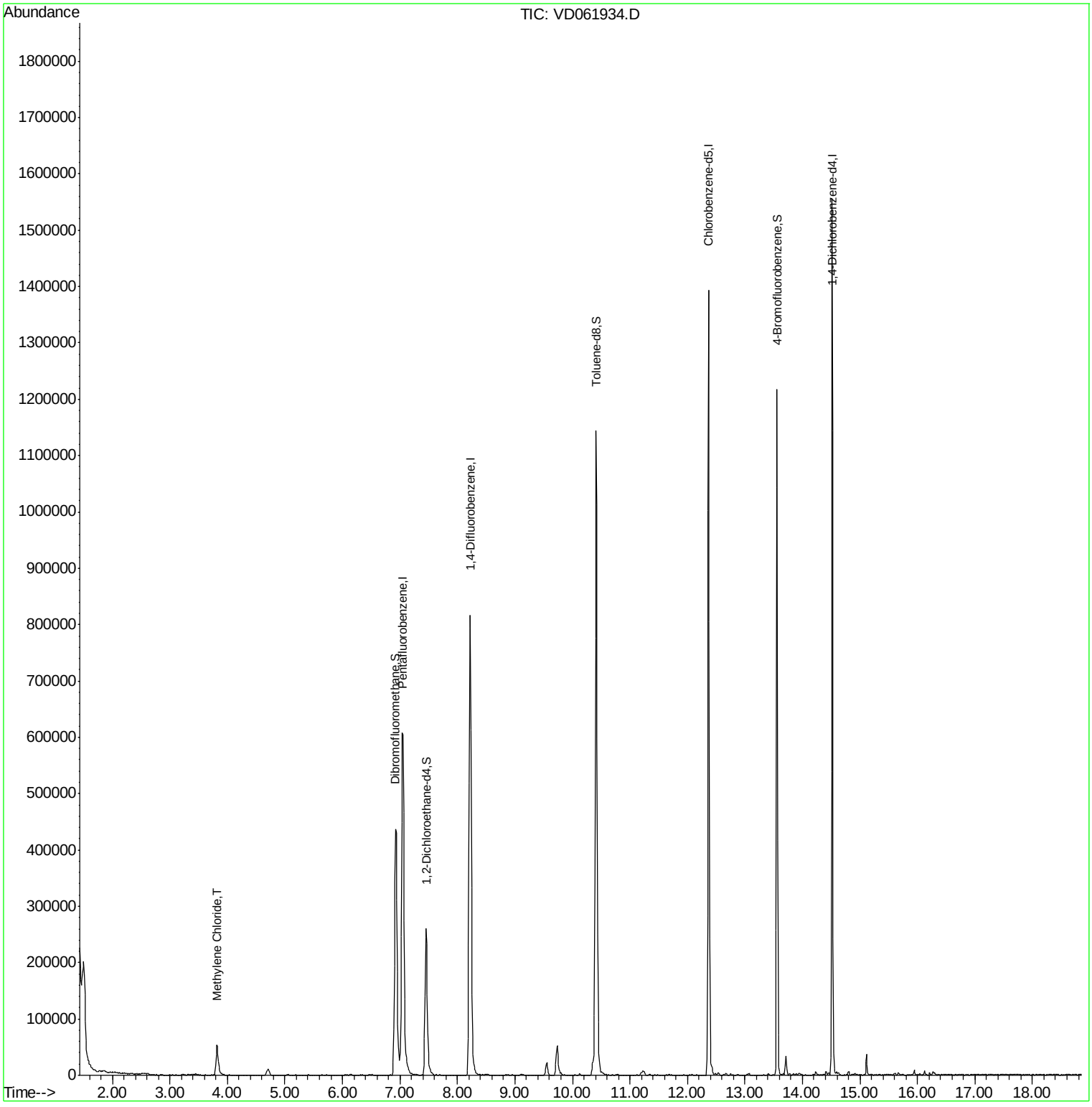
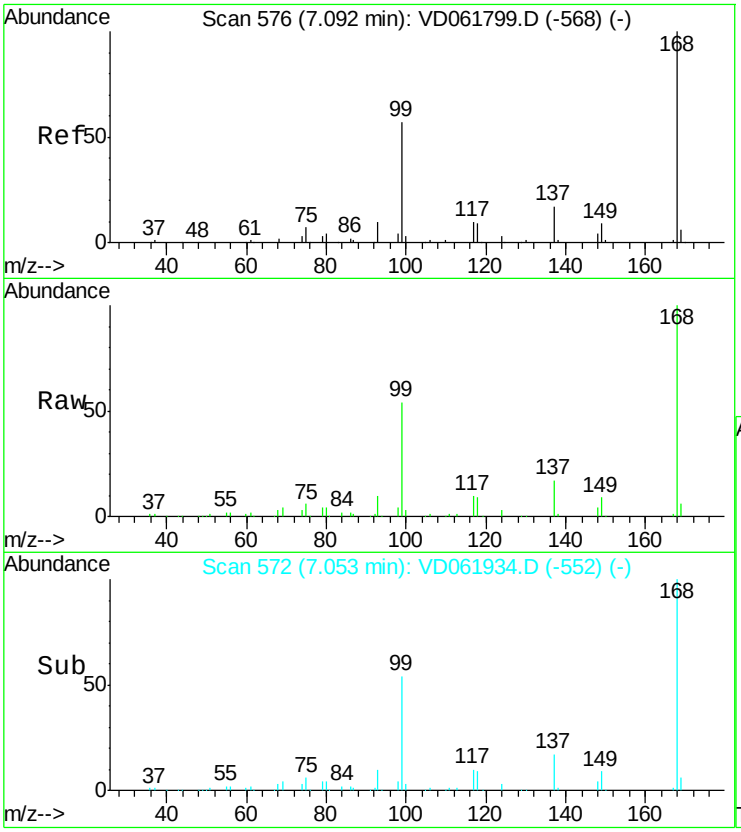


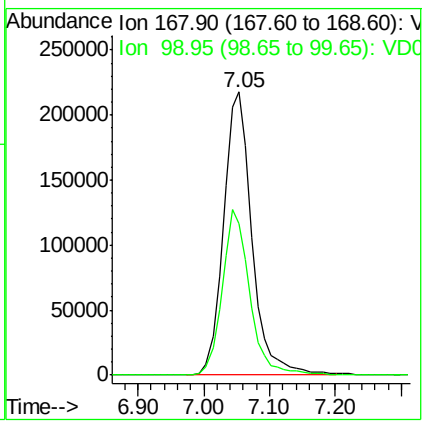


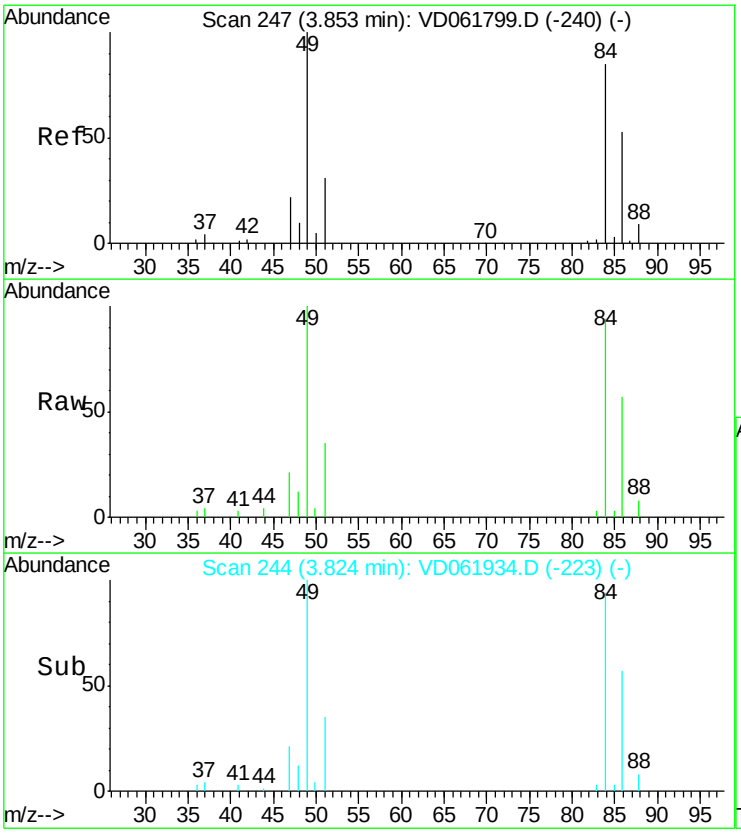
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Tgt Ion:168 Resp: 655634

Ion	Ratio	Lower	Upper
168	100		
99	53.8	46.5	69.7

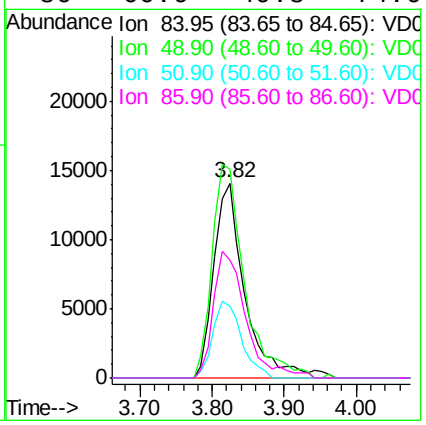


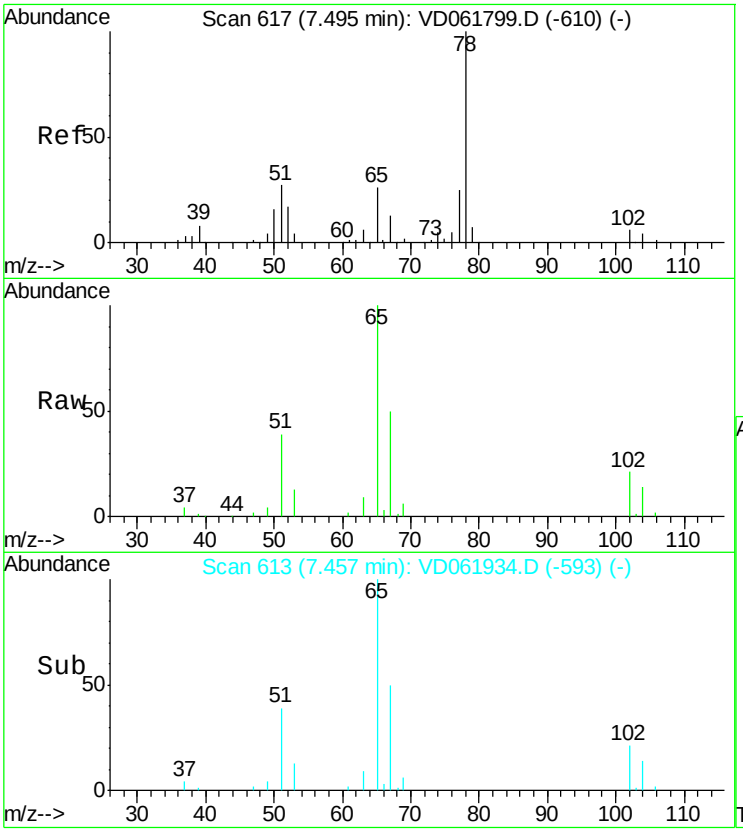


#20
Methylene Chloride
Concen: 1.800 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 84 Resp: 41884

Ion	Ratio	Lower	Upper
84	100		
49	106.9	94.0	141.0
51	36.9	29.0	43.4
86	60.6	49.8	74.6



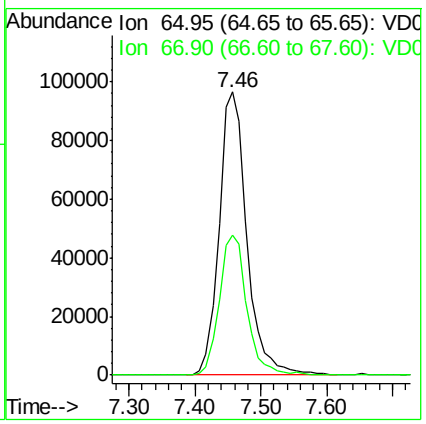


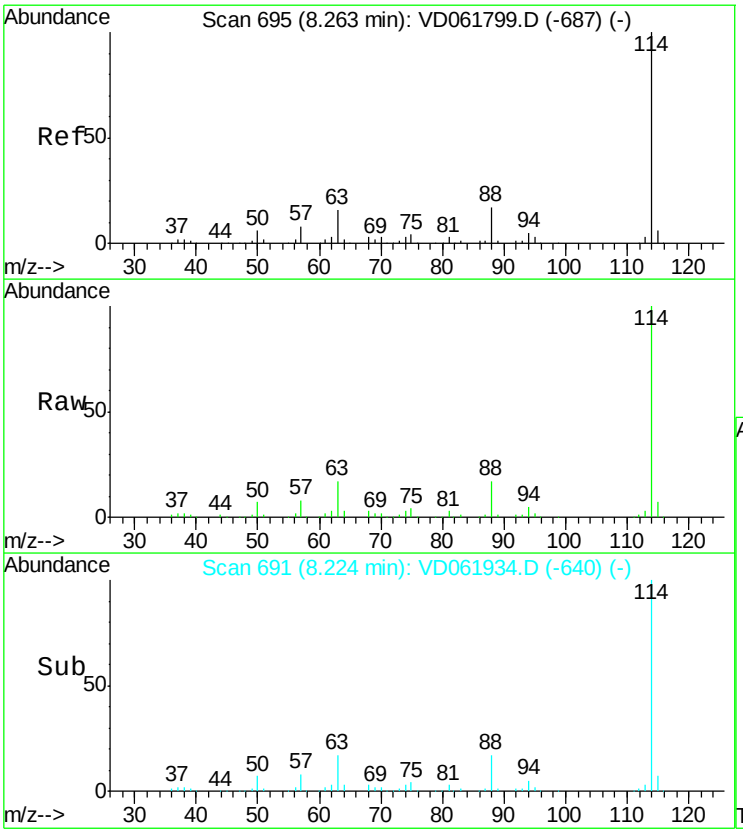
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument : MSVOA_D
ClientSampleId : VD0422SBL01

Tgt Ion: 65 Resp: 282918

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	98.0

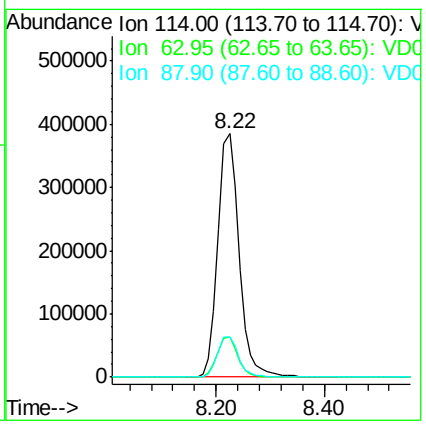


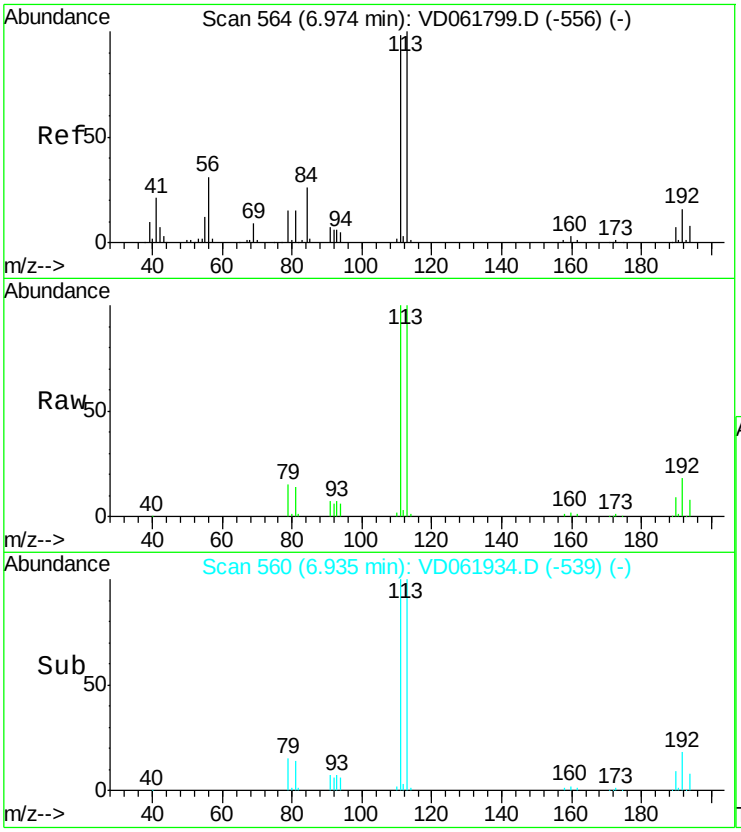


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion:114 Resp: 1046831

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	32.4
88	16.7	0.0	33.6



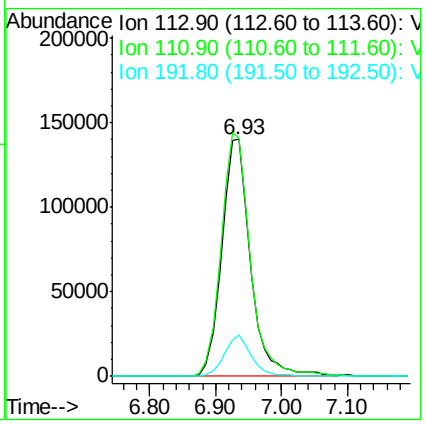


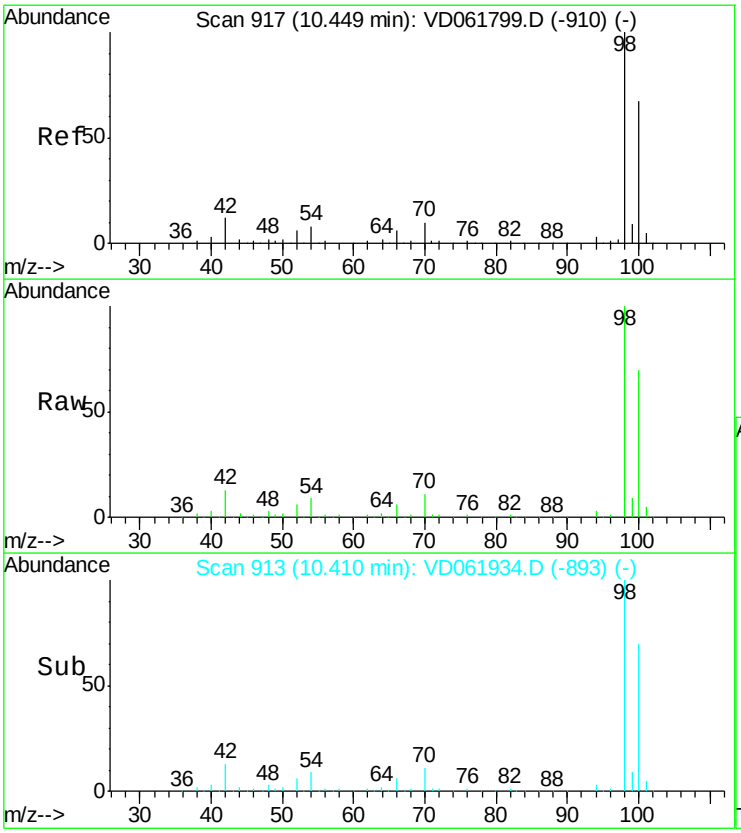
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Tgt Ion:113 Resp: 427023

Ion	Ratio	Lower	Upper
113	100		
111	100.5	78.5	117.7
192	17.6	13.0	19.4

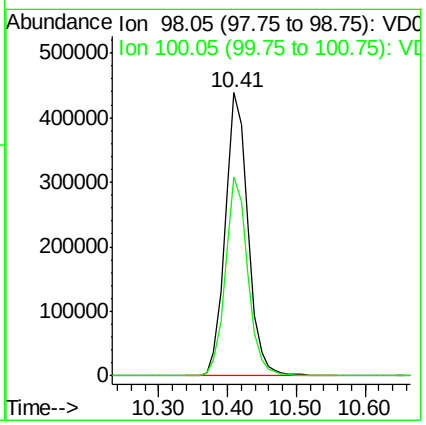


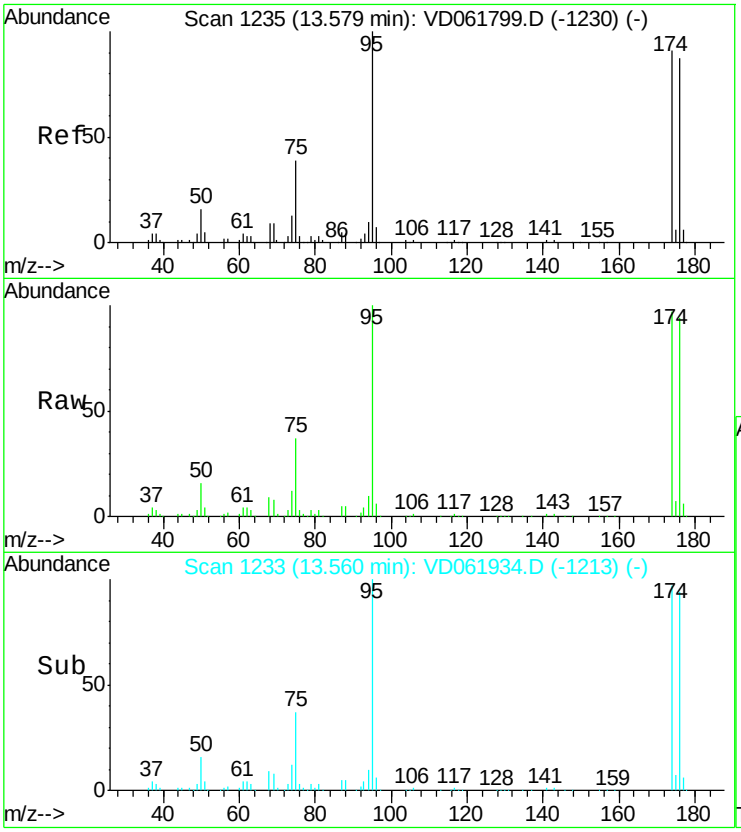


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion: 98 Resp: 1000653

Ion	Ratio	Lower	Upper
98	100		
100	70.3	53.8	80.8



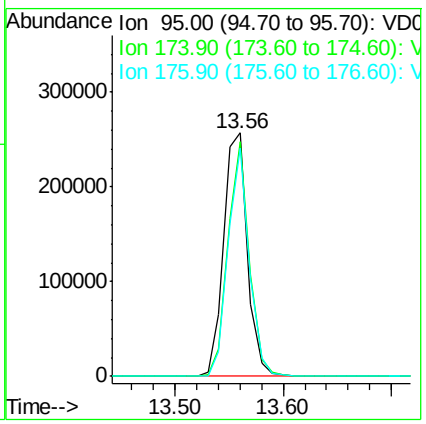


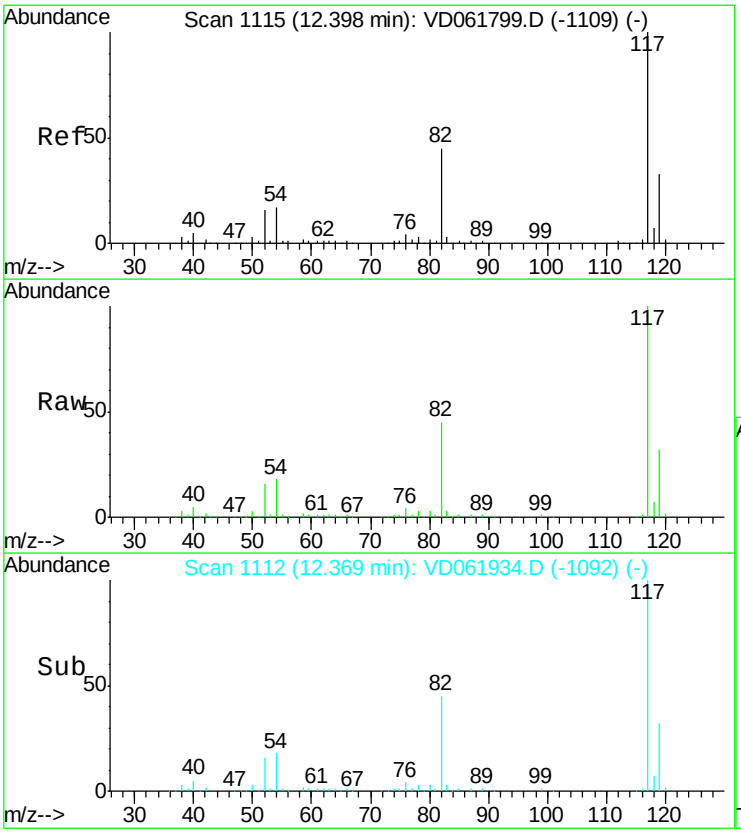
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument : MSVOA_D
ClientSampleId : VD0422SBL01

Tgt Ion: 95 Resp: 392538

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	181.8
176	93.9	0.0	174.4

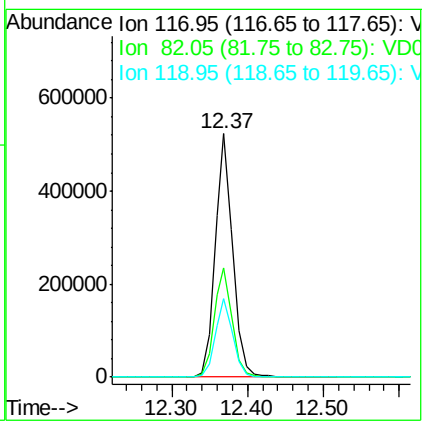


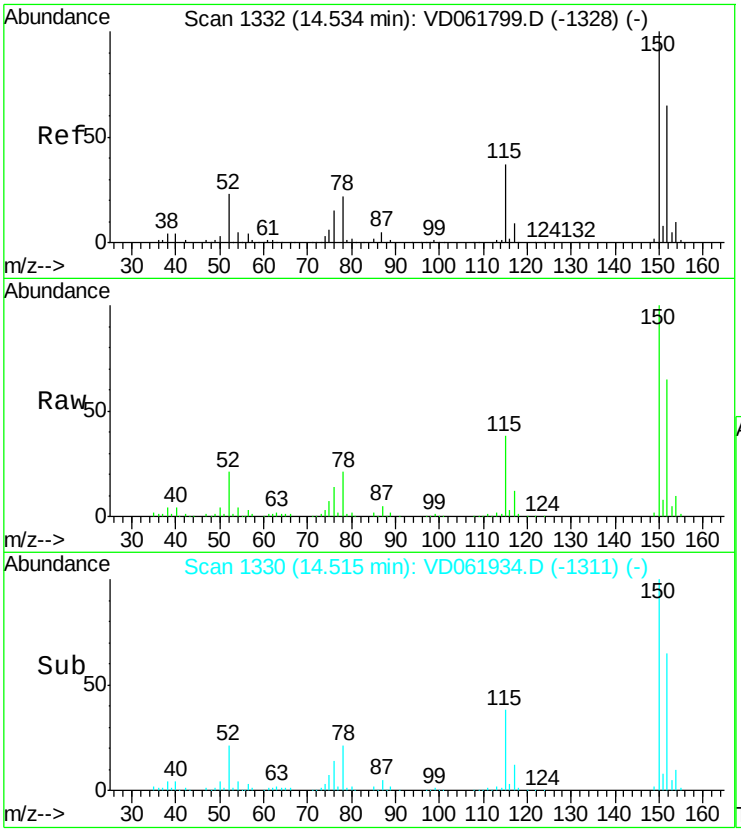


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Tgt Ion:117 Resp: 845031

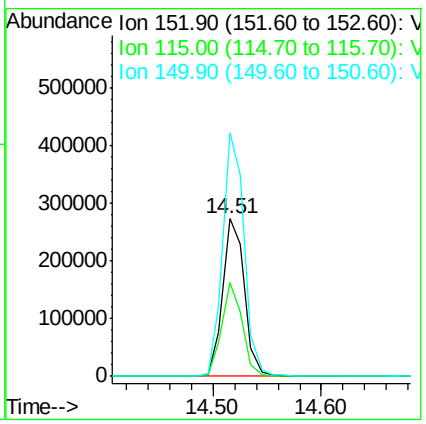
Ion	Ratio	Lower	Upper
117	100		
82	44.7	36.2	54.2
119	32.3	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061934.D
Acq: 22 Apr 2019 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Tgt Ion:152 Resp: 379673

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.9	92.7
150	154.6	0.0	314.8