Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
Data File : VD061383.D
Acq On : 28 Mar 2019 7:20
Operator : VA/AP
Sample : K2107-03
Misc : 4.65g/5ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-2

Quant Time: Mar 28 08:11:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	10836	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	25016	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	30789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	16113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	9797	105.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 211.68%			
35) Dibromofluoromethane	6.89	113	10338	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.16%			
50) Toluene-d8	10.39	98	18400	40.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.26%			
62) 4-Bromofluorobenzene	13.54	95	11346	64.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.06%			

Target Compounds	Qvalue

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

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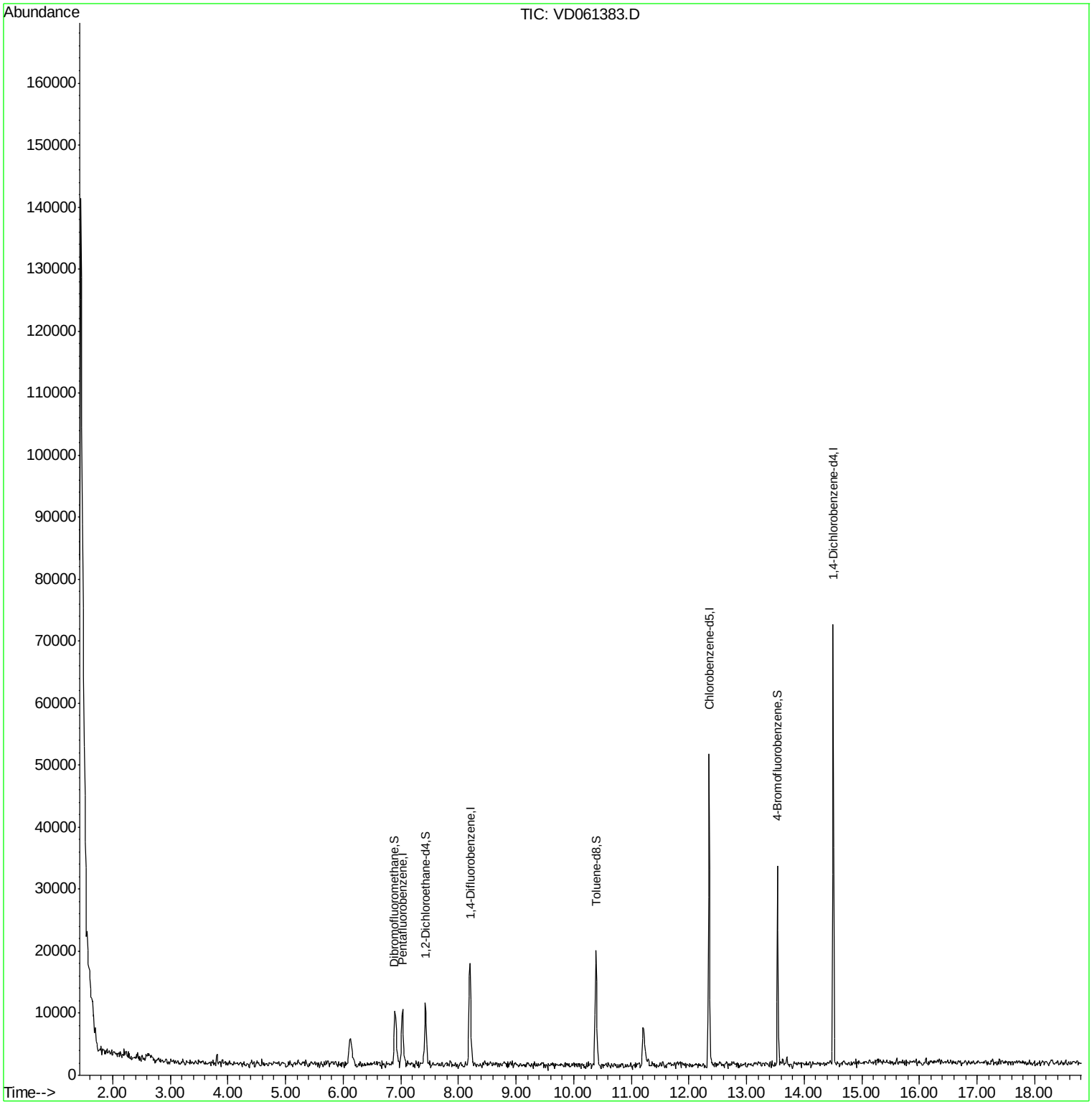
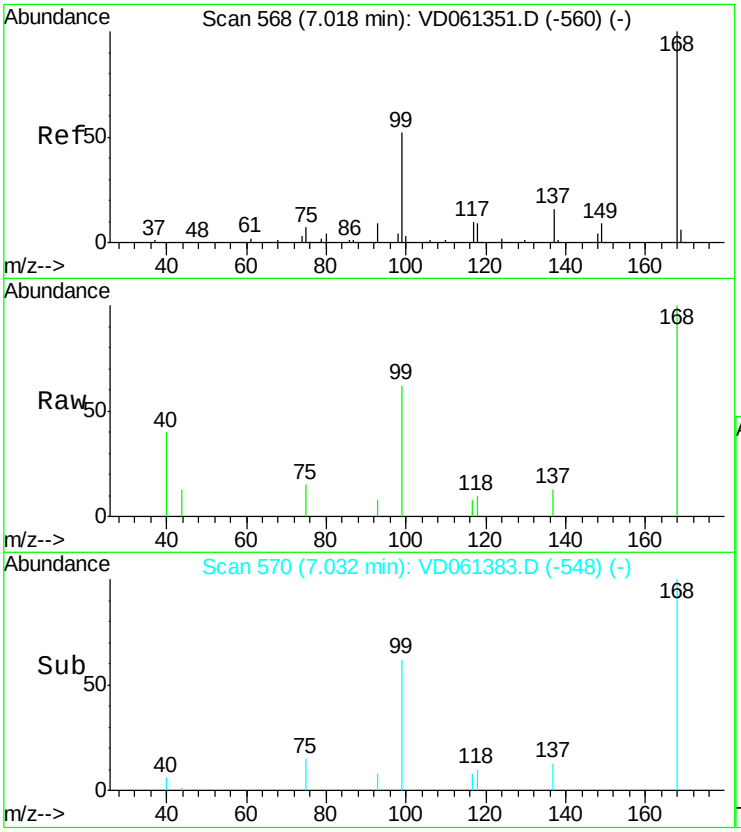


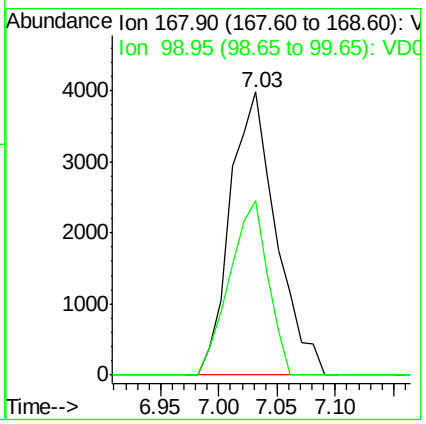


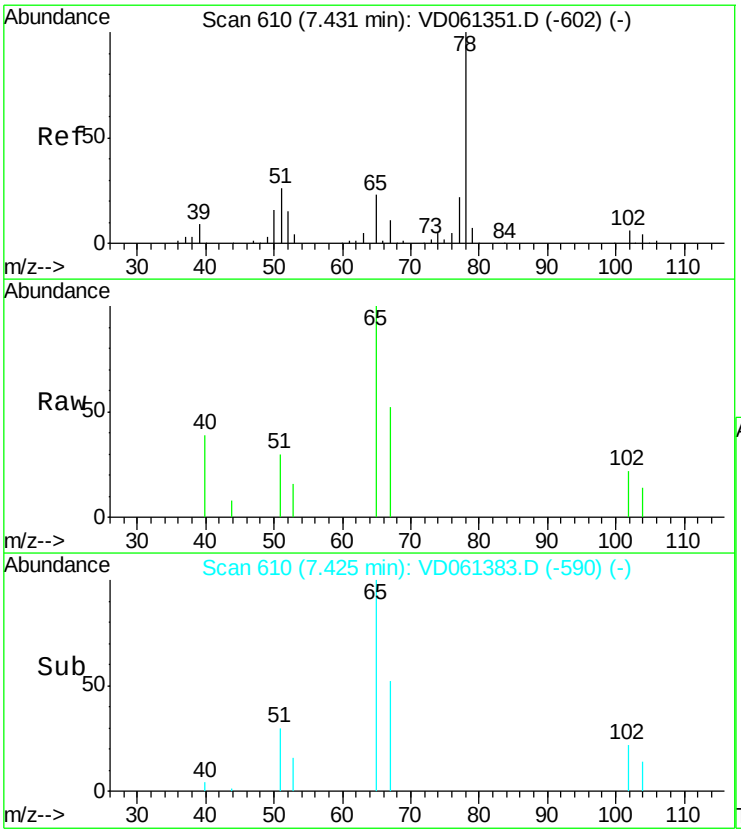
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion:168 Resp: 10836

Ion	Ratio	Lower	Upper
168	100		
99	61.6	43.1	64.7

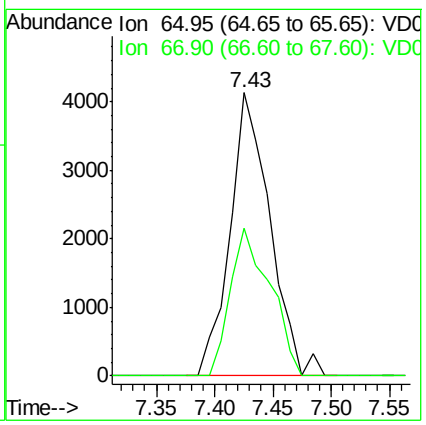


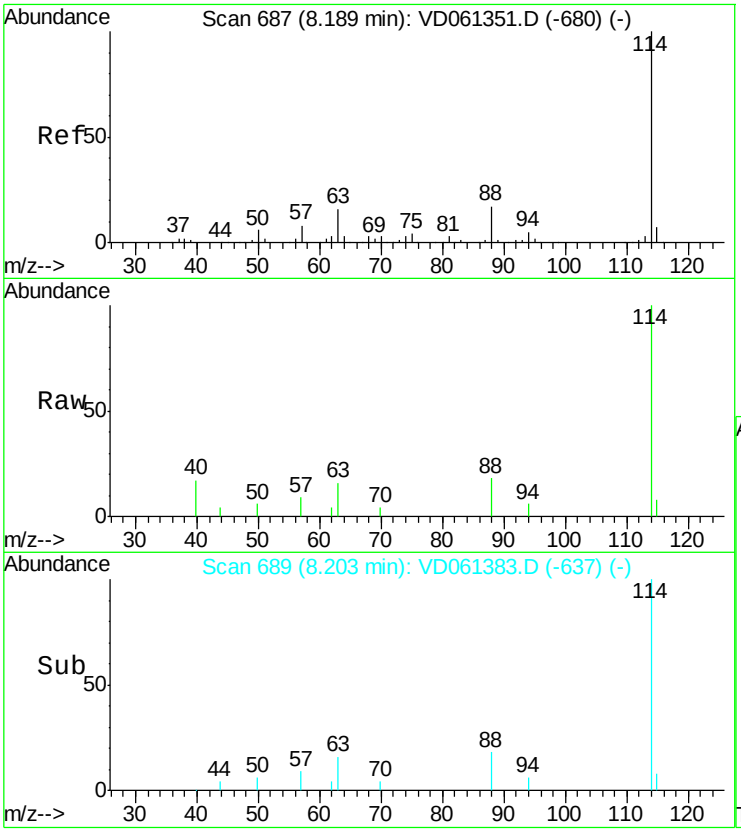


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion: 65 Resp: 9797

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	99.8



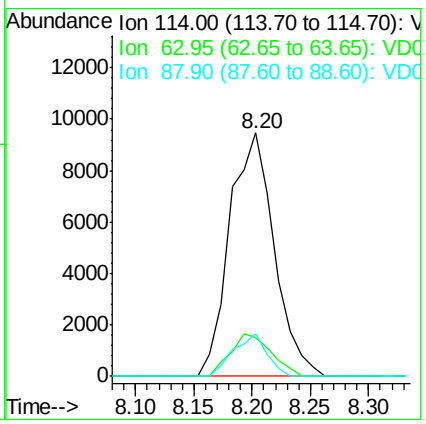


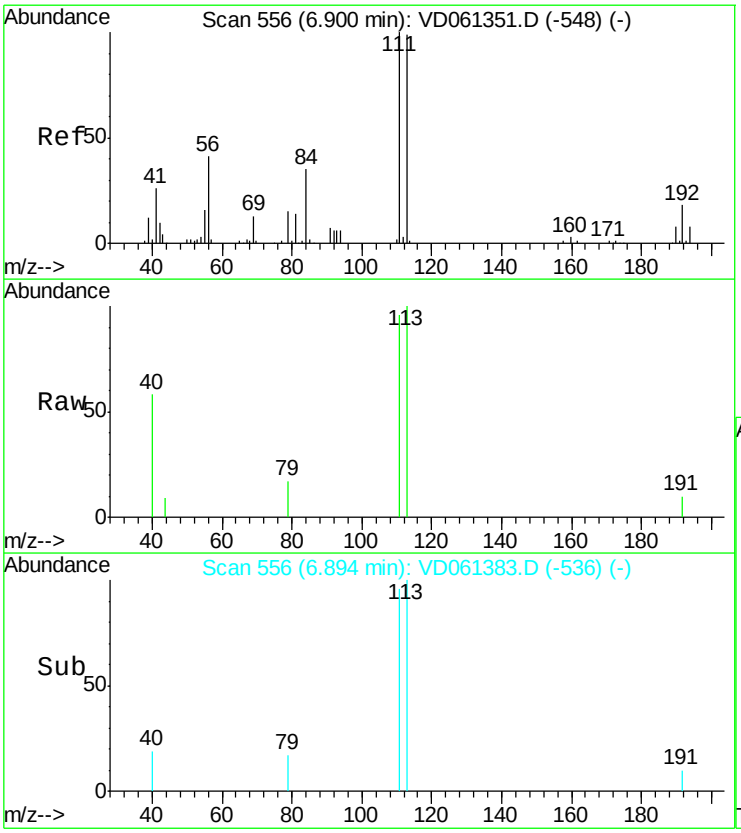
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:114 Resp: 25016

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	31.6
88	17.7	0.0	33.4

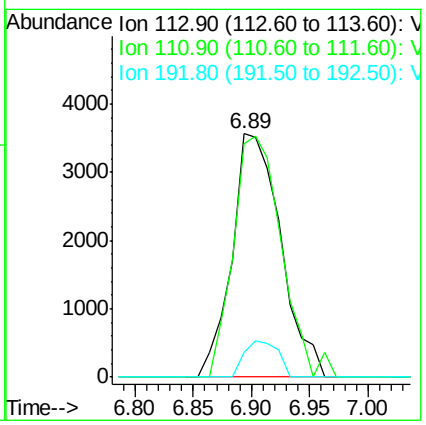


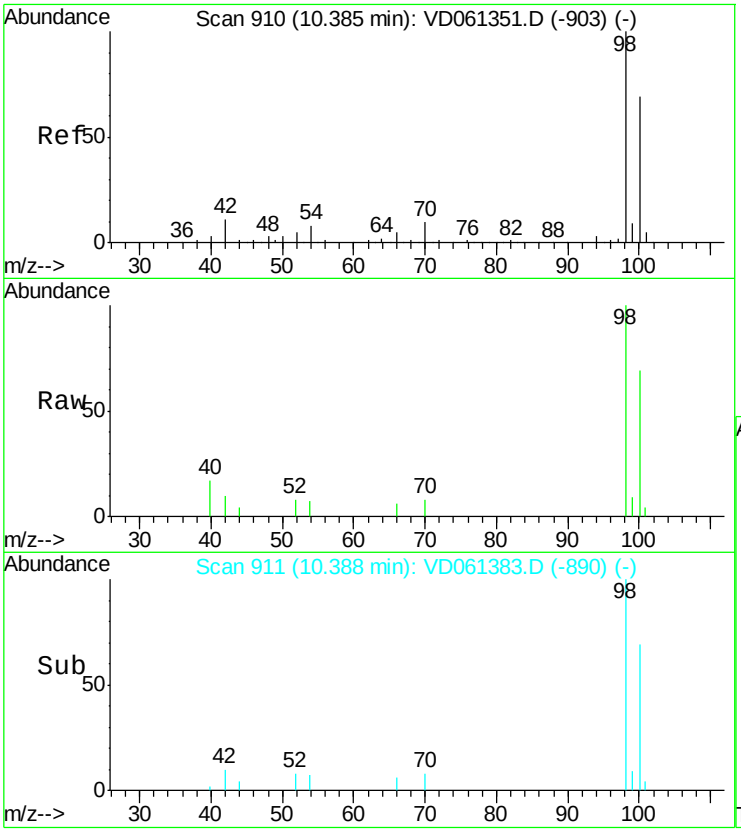


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.89 min Scan# 556
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion:113 Resp: 10338

Ion	Ratio	Lower	Upper
113	100		
111	96.0	81.0	121.6
192	10.0	14.4	21.6#



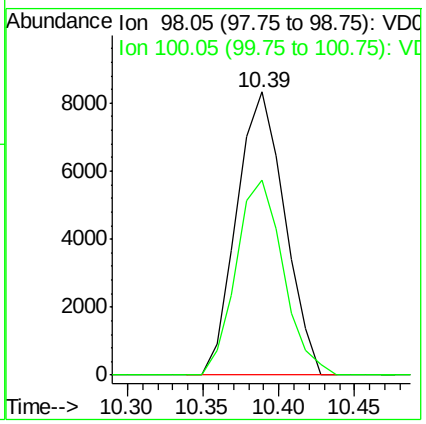


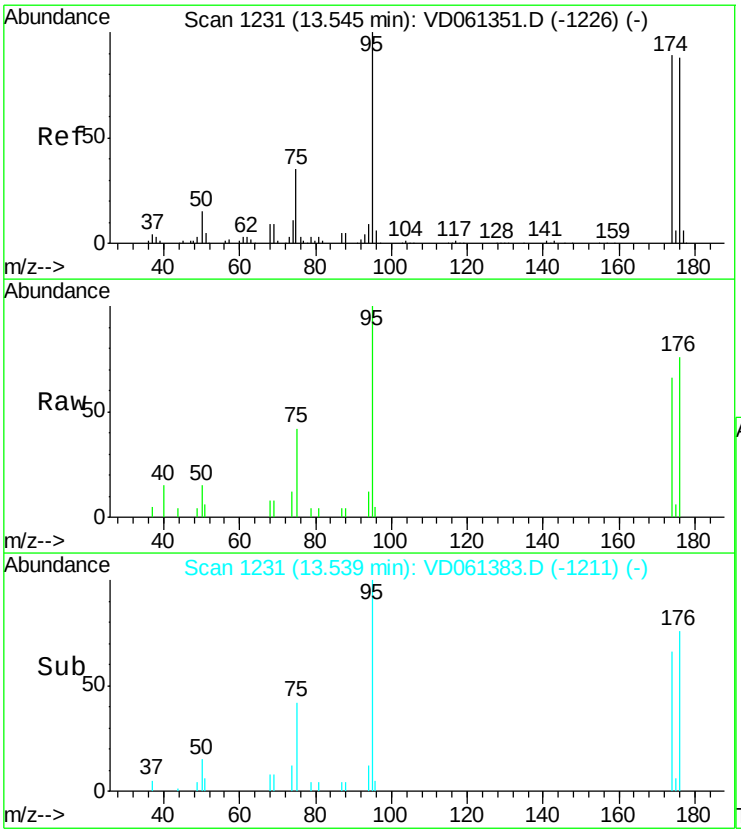
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion: 98 Resp: 18400

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.2	84.2

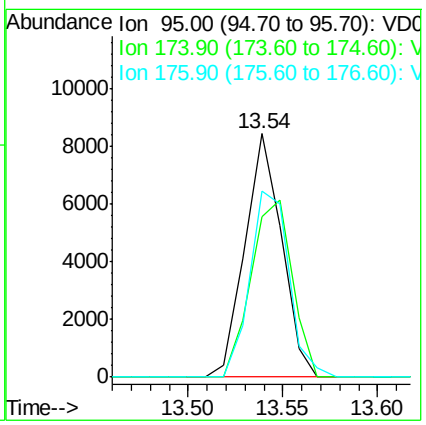


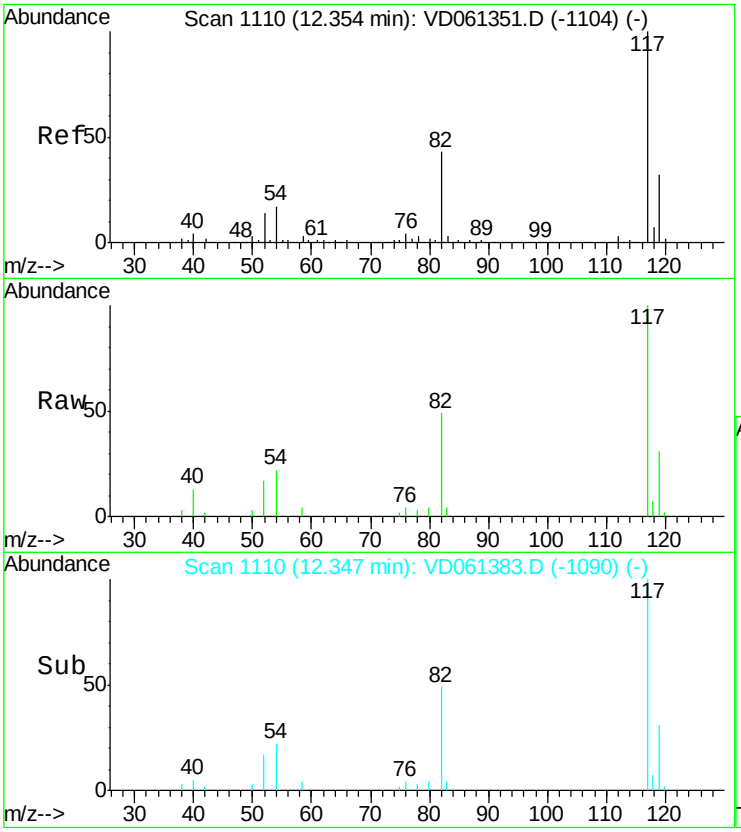


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion: 95 Resp: 11346

Ion	Ratio	Lower	Upper
95	100		
174	65.8	0.0	178.0
176	76.2	0.0	175.0



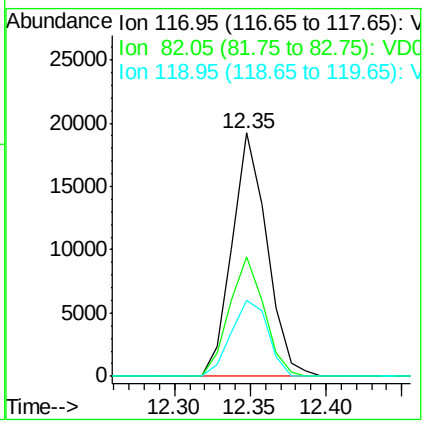


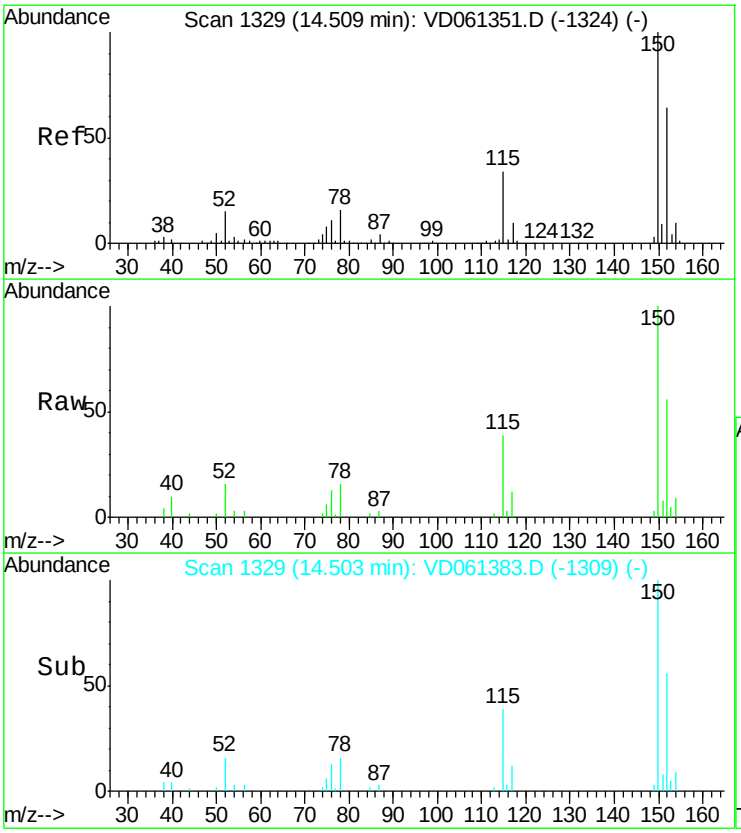
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 30789

Ion	Ratio	Lower	Upper
117	100		
82	48.9	34.4	51.6
119	31.0	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion:152 Resp: 16113

Ion	Ratio	Lower	Upper
152	100		
115	70.5	26.9	80.6
150	179.5	0.0	318.0