

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061453.D
 Acq On : 31 Mar 2019 18:09
 Operator : VA/AP
 Sample : K1685-11
 Misc : 7.78g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-032819-B

Quant Time: Apr 01 08:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	24392	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.25	114	43751	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	41452	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	18524	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	15881	76.22	ug/l	0.05
Spiked Amount 50.000			Recovery	=	152.44%	
35) Dibromofluoromethane	6.95	113	19889	59.49	ug/l	0.05
Spiked Amount 50.000			Recovery	=	118.98%	
50) Toluene-d8	10.43	98	36192	45.13	ug/l	0.05
Spiked Amount 50.000			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	13.58	95	17480	56.84	ug/l	0.03
Spiked Amount 50.000			Recovery	=	113.68%	

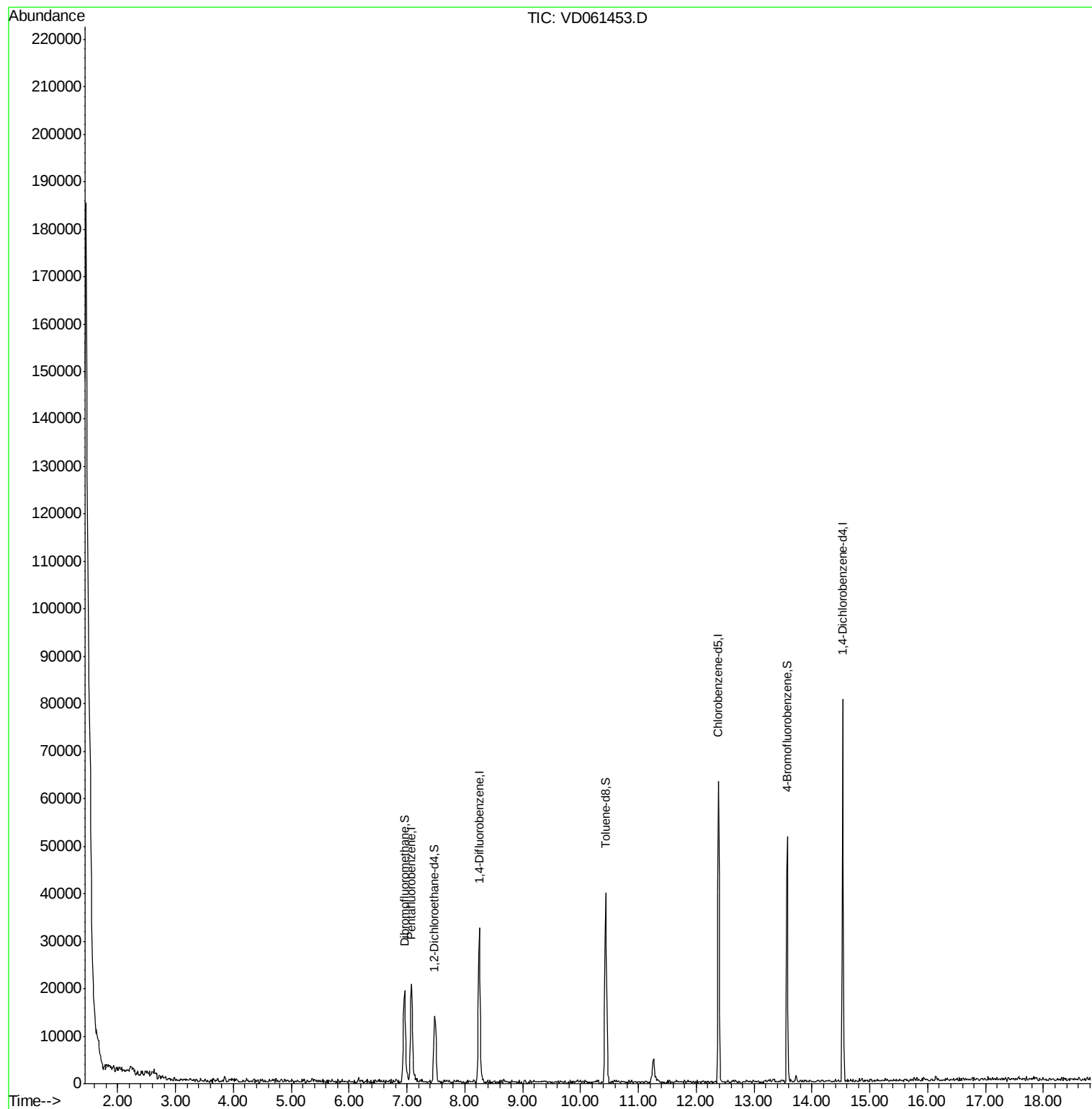
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.06 min

Lab File: VD061453.D

Acq: 31 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

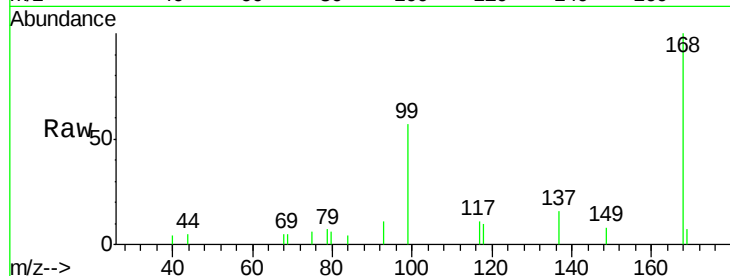
AU-06-032819-B

Tgt Ion:168 Resp: 24392

Ion Ratio Lower Upper

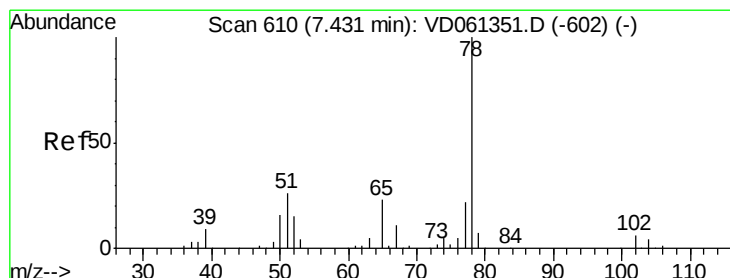
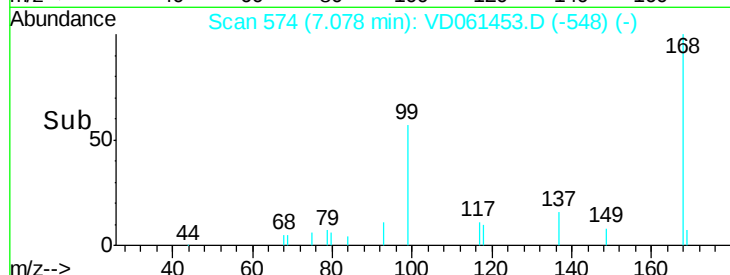
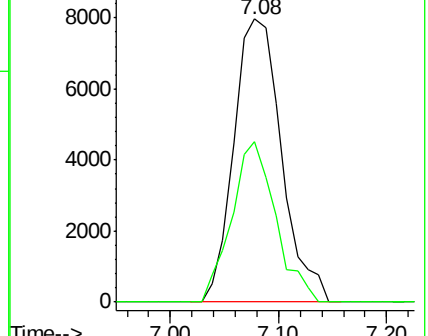
168 100

99 56.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD061453.D

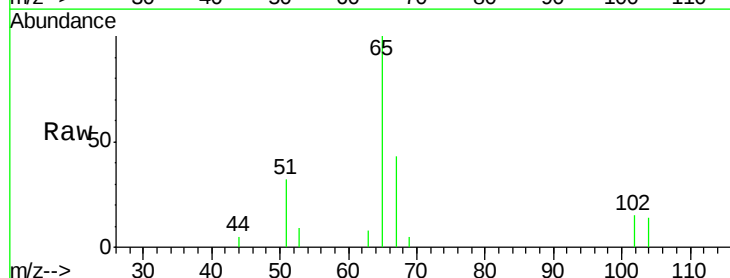
Acq: 31 Mar 2019 18:09

Tgt Ion: 65 Resp: 15881

Ion Ratio Lower Upper

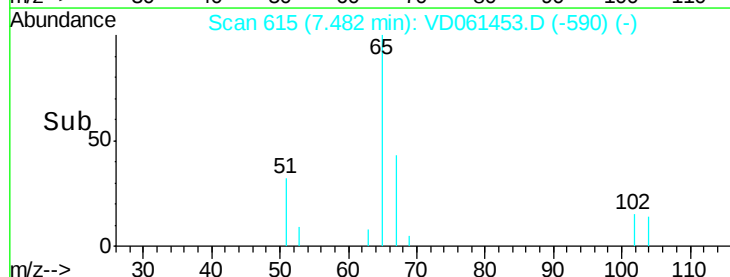
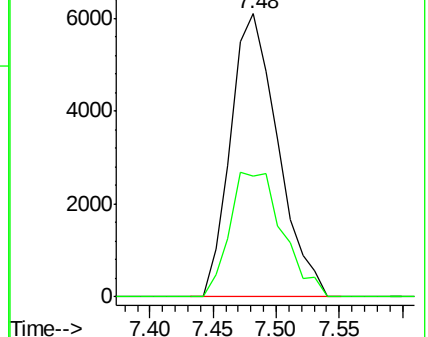
65 100

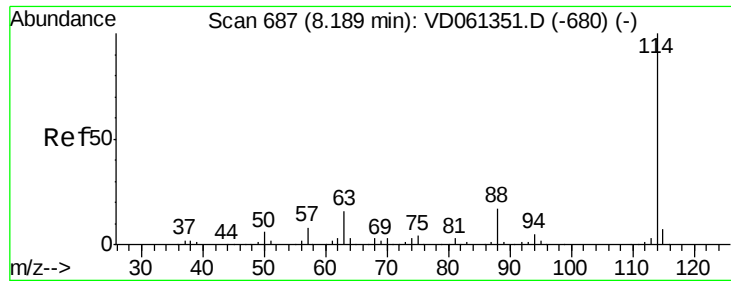
67 42.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

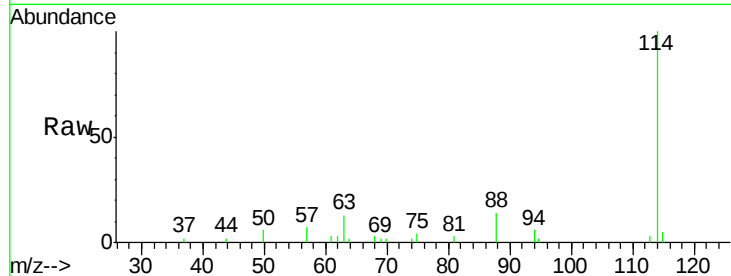




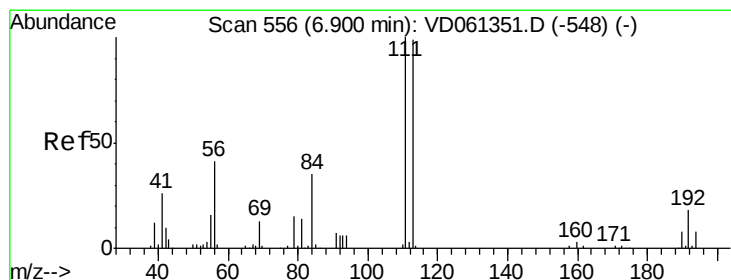
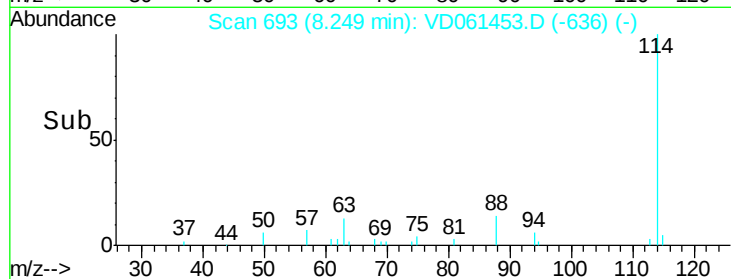
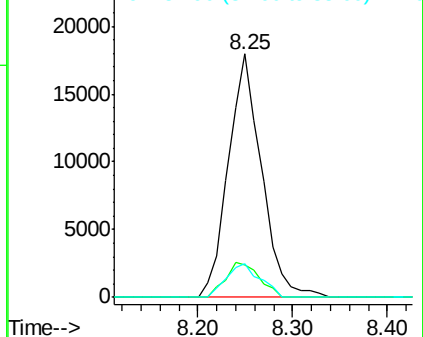
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.06 min
 Lab File: VD061453.D
 Acq: 31 Mar 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-032819-B

Tgt Ion:114 Resp: 43751
 Ion Ratio Lower Upper
 114 100
 63 13.4 0.0 31.6
 88 13.7 0.0 33.4

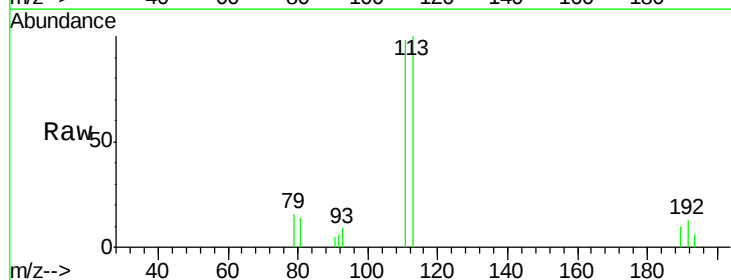


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

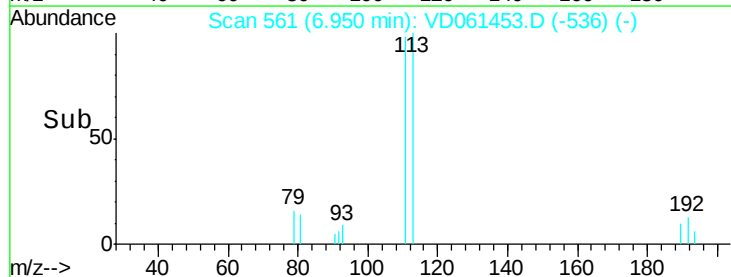
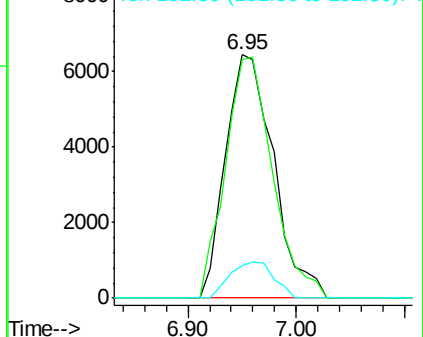


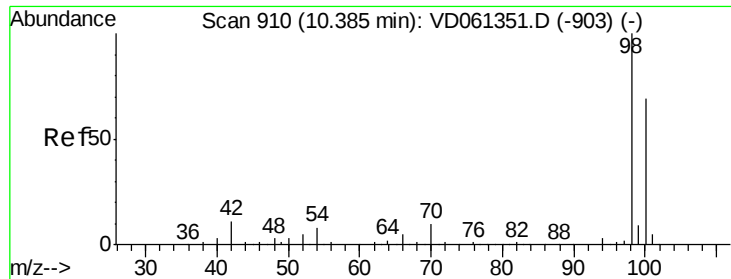
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061453.D
 Acq: 31 Mar 2019 18:09

Tgt Ion:113 Resp: 19889
 Ion Ratio Lower Upper
 113 100
 111 98.0 81.0 121.6
 192 13.1 14.4 21.6#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

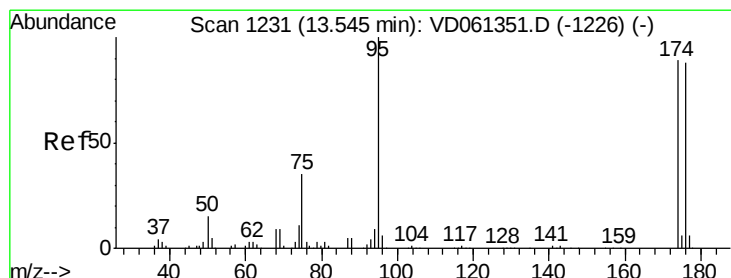
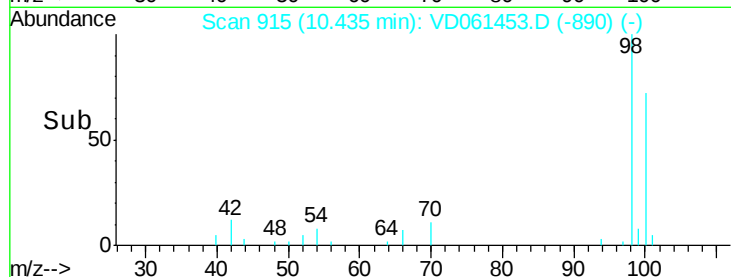
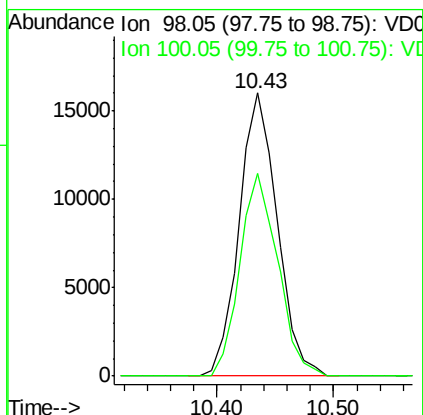
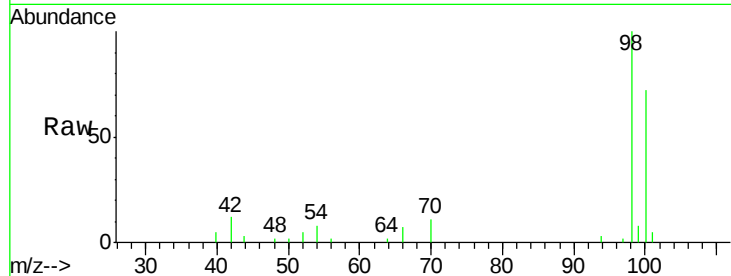




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.05 min
Lab File: VD061453.D
Acq: 31 Mar 2019 18:09

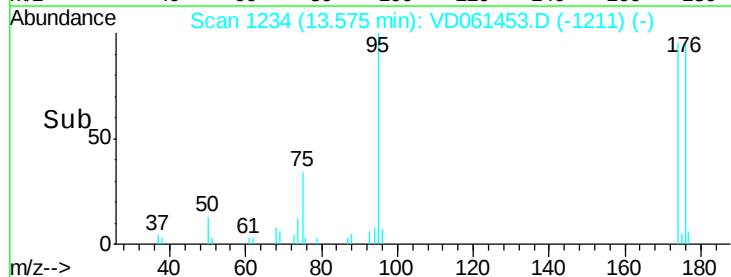
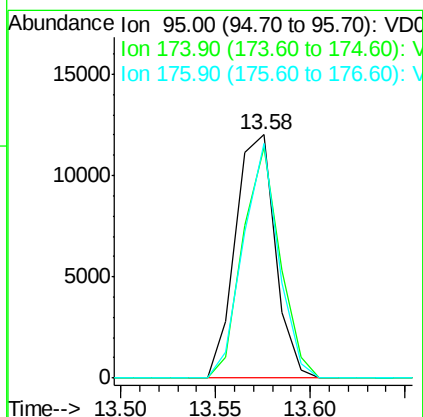
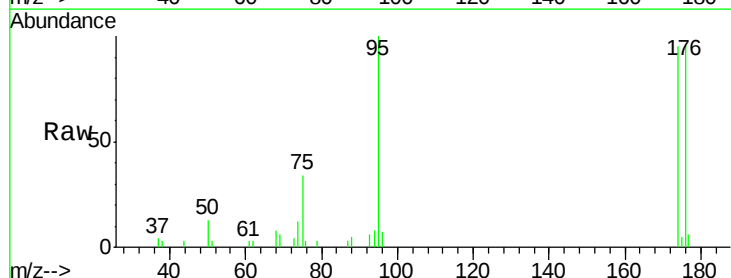
Instrument :
MSVOA_D
ClientSampleId :
AU-06-032819-B

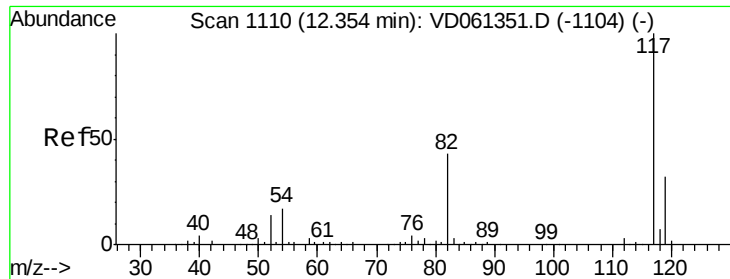
Tgt Ion: 98 Resp: 36192
Ion Ratio Lower Upper
98 100
100 71.7 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.58 min Scan# 1234
Delta R.T. 0.03 min
Lab File: VD061453.D
Acq: 31 Mar 2019 18:09

Tgt Ion: 95 Resp: 17480
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.0
176 96.5 0.0 175.0

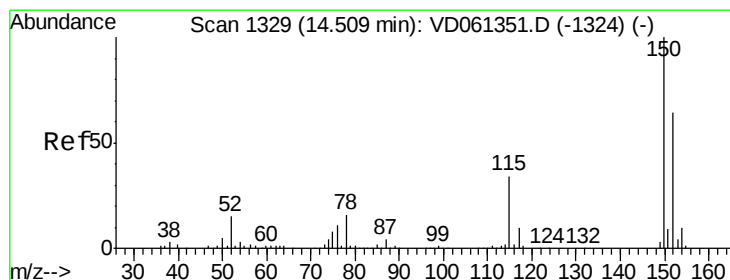
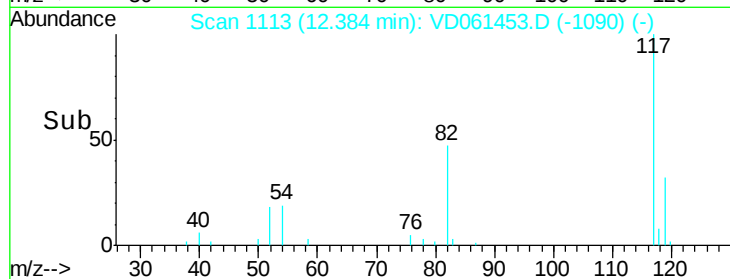
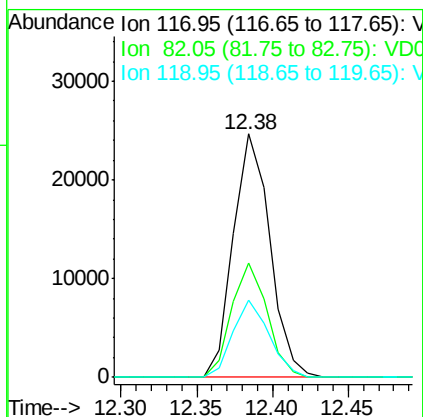
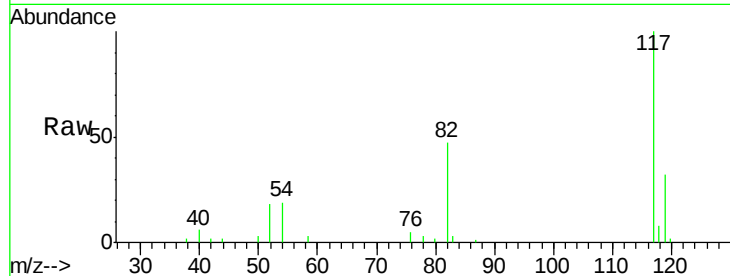




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061453.D
Acq: 31 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
AU-06-032819-B

Tgt Ion:117 Resp: 41452
Ion Ratio Lower Upper
117 100
82 47.1 34.4 51.6
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061453.D
Acq: 31 Mar 2019 18:09

Tgt Ion:152 Resp: 18524
Ion Ratio Lower Upper
152 100
115 59.9 26.9 80.6
150 156.7 0.0 318.0

