

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061556.D
 Acq On : 3 Apr 2019 15:17
 Operator : VA/AP
 Sample : VD0403SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0403

Quant Time: Apr 04 02:38:25 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	7.05	168	639720	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1025345	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	841664	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	384158	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	281447	51.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	6.93	113	429580	54.82	ug/l	0.03
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.42	98	1024667	54.52	ug/l	0.03
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	13.56	95	428196	59.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	118.84%	

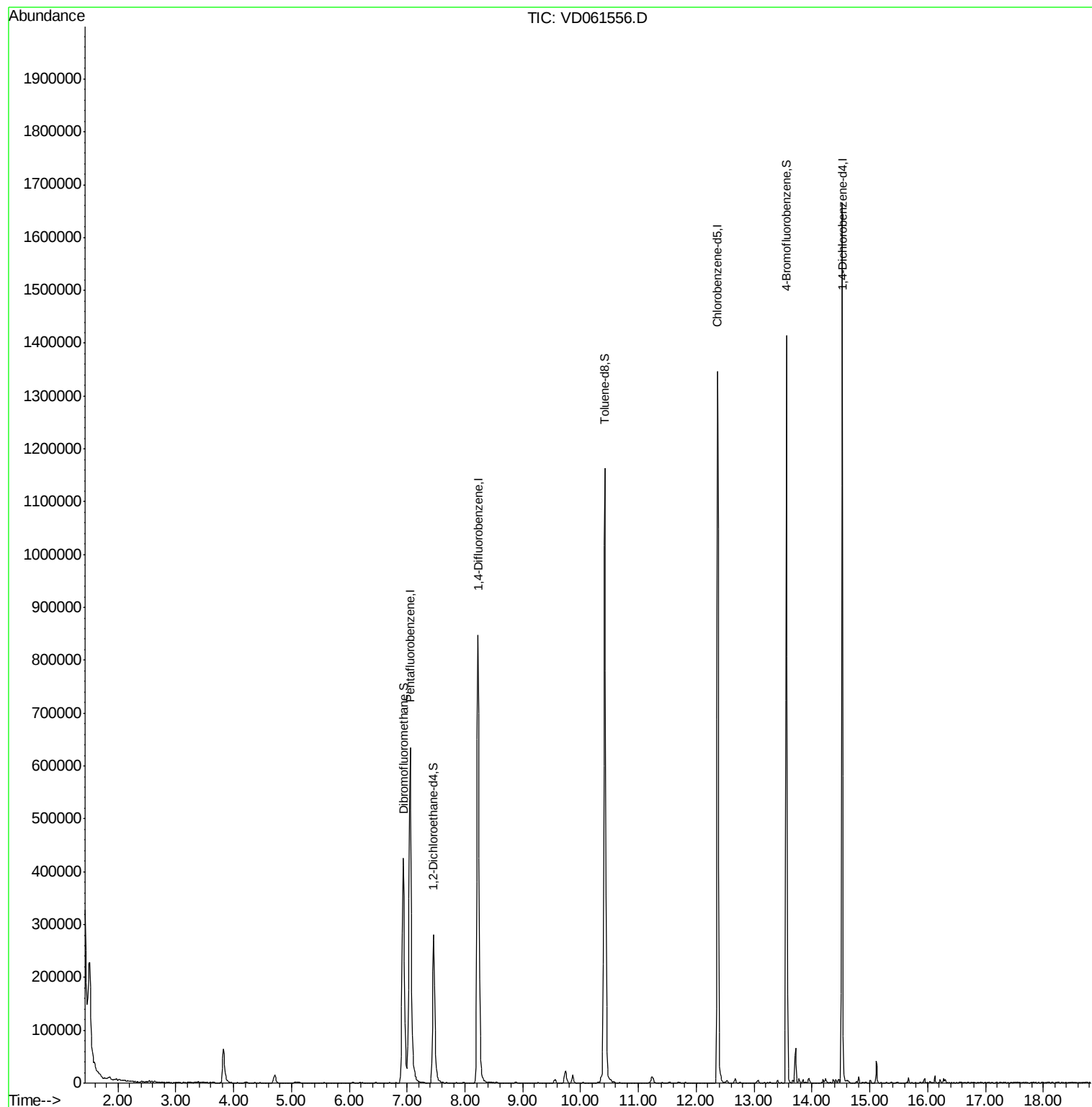
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061556.D

Acq: 3 Apr 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

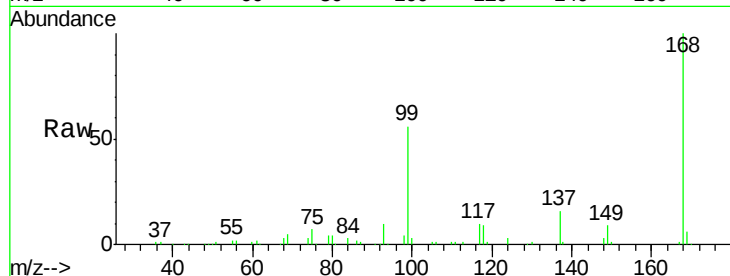
VD0403

Tot Ion:168 Resp: 639720

Ion Ratio Lower Upper

168 100

99 56.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

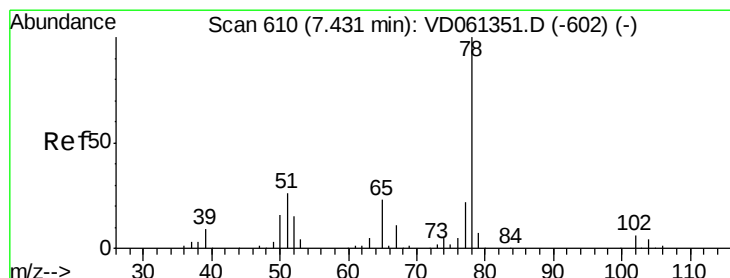
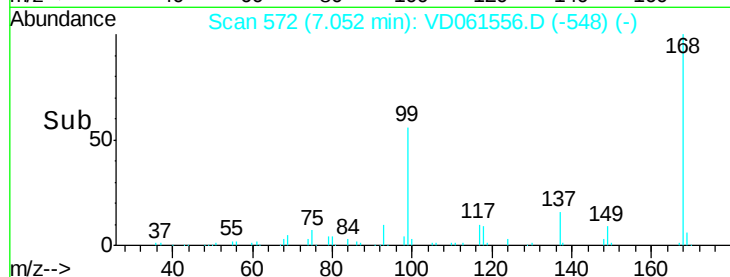
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD061556.D

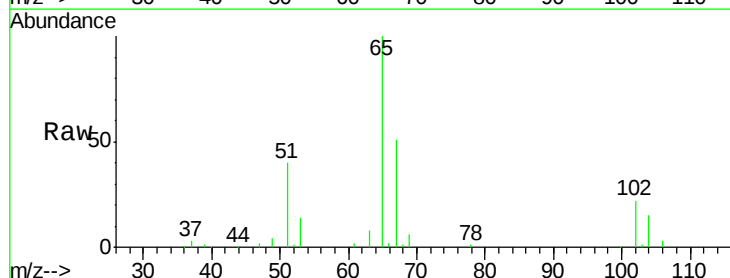
Acq: 3 Apr 2019 15:17

Tgt Ion: 65 Resp: 281447

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

60000

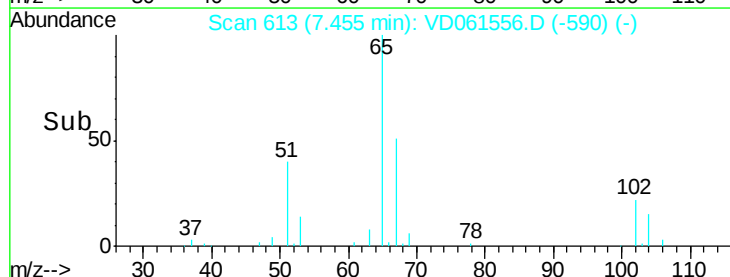
40000

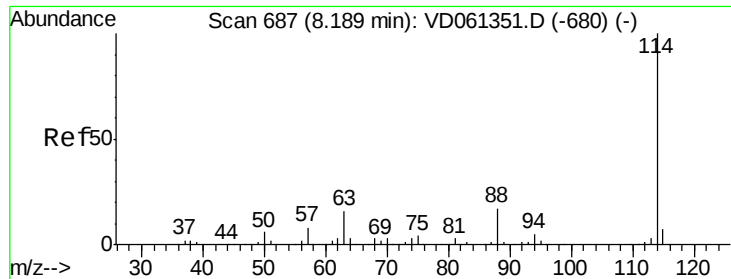
20000

0

Time-->

7.30 7.40 7.50 7.60 7.70

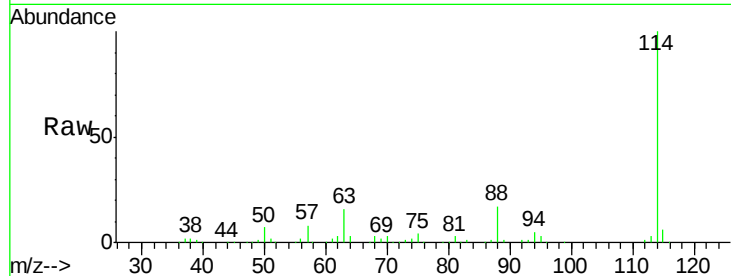




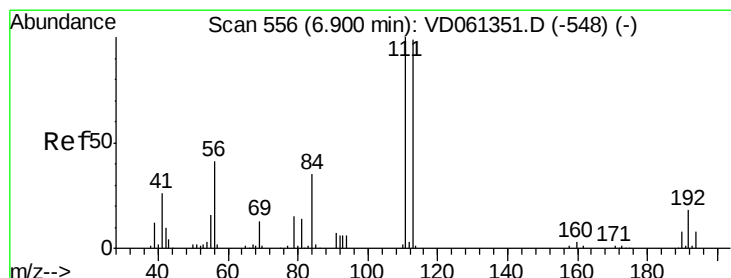
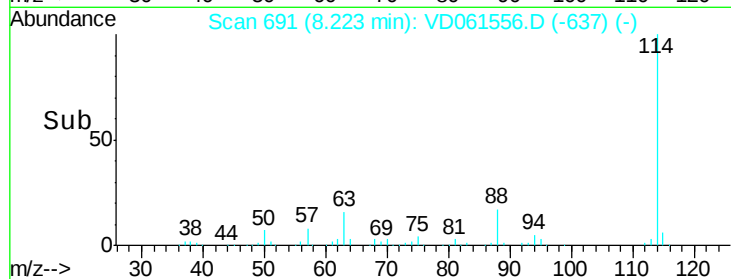
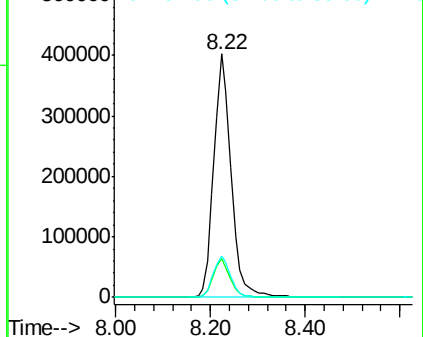
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061556.D
 Acq: 3 Apr 2019 15:17

Instrument :
 MSVOA_D
 ClientSampled :
 VD0403

Tot Ion:114 Resp: 1025345
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.8 0.0 33.4

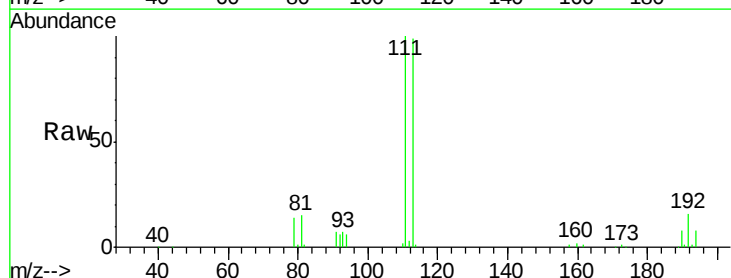


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

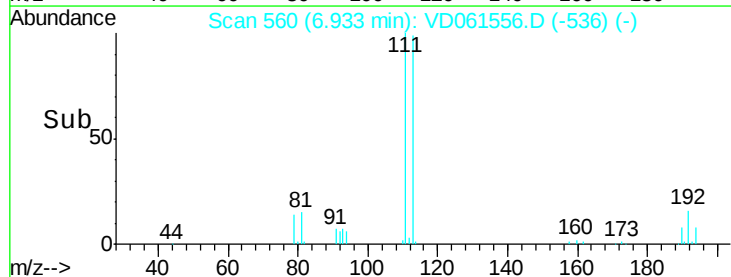
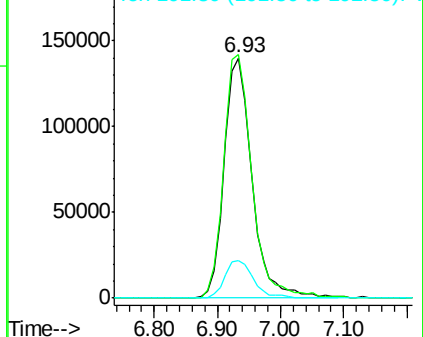


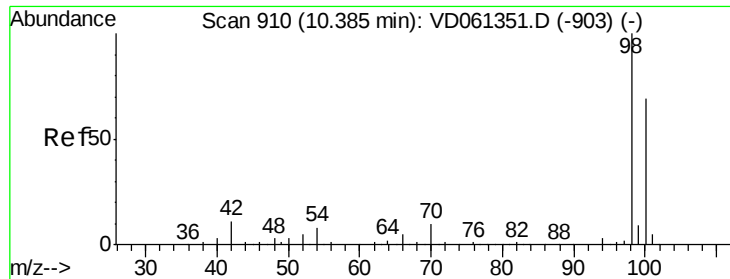
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD061556.D
 Acq: 3 Apr 2019 15:17

Tgt Ion:113 Resp: 429580
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.0 121.6
 192 15.8 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: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD061556.D

Acq: 3 Apr 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

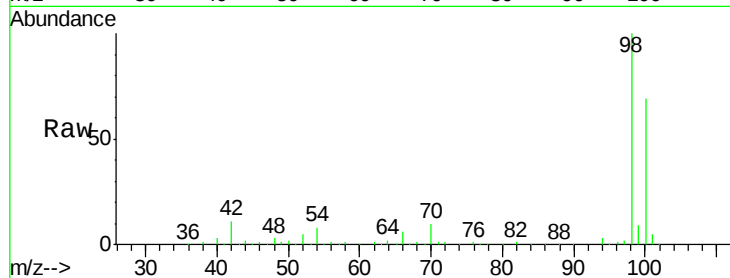
VD0403

Tot Ion: 98 Resp: 1024667

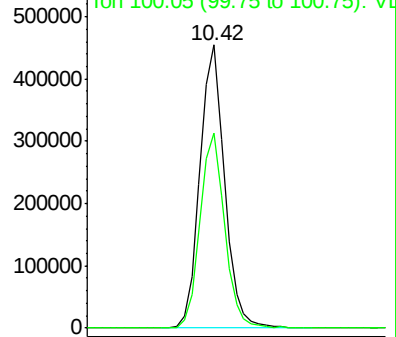
Ion Ratio Lower Upper

98 100

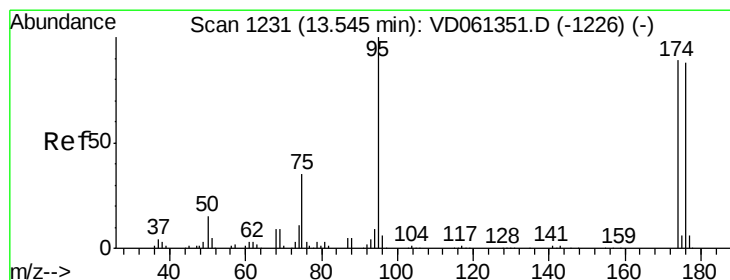
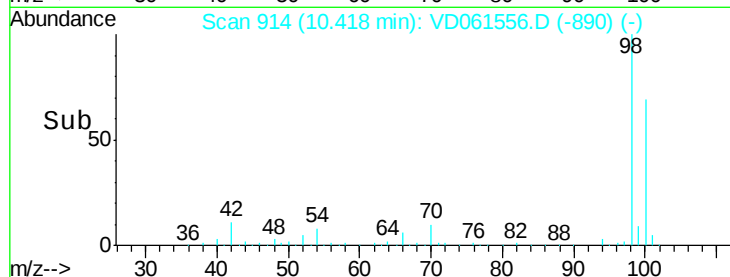
100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061556.D

Acq: 3 Apr 2019 15:17

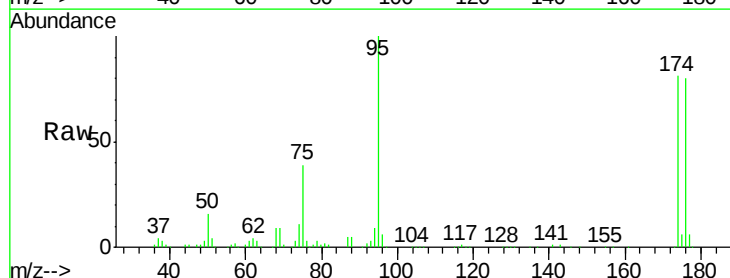
Tgt Ion: 95 Resp: 428196

Ion Ratio Lower Upper

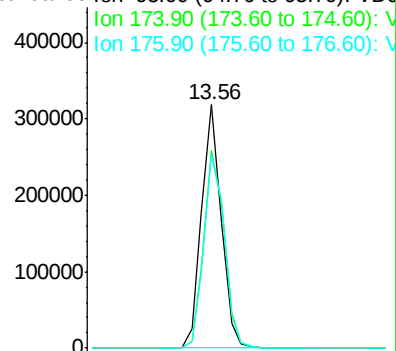
95 100

174 81.1 0.0 178.0

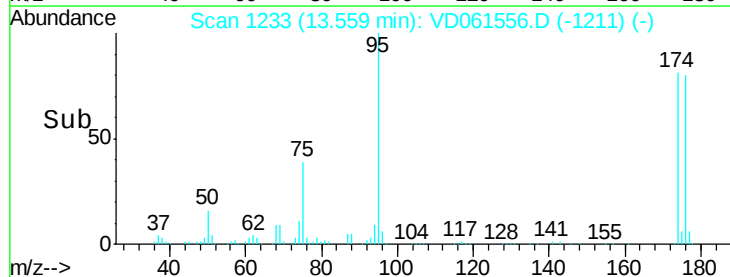
176 79.8 0.0 175.0

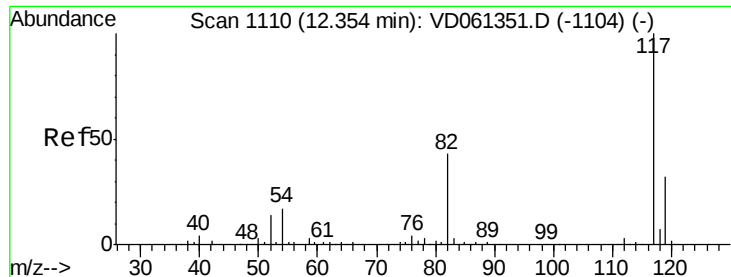


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)



Time-->

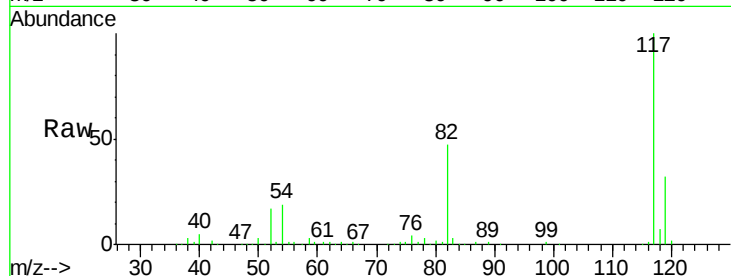




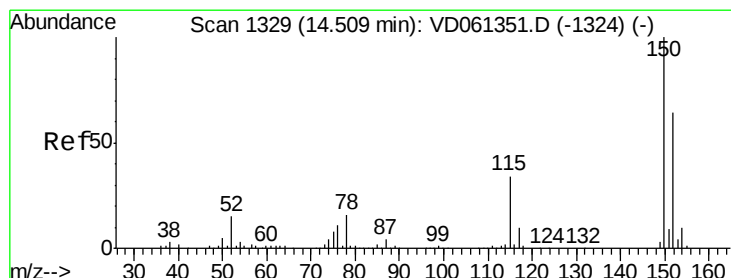
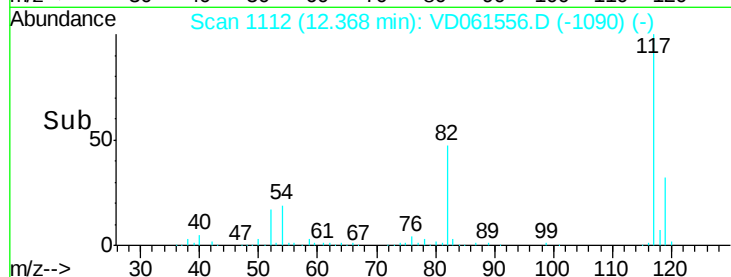
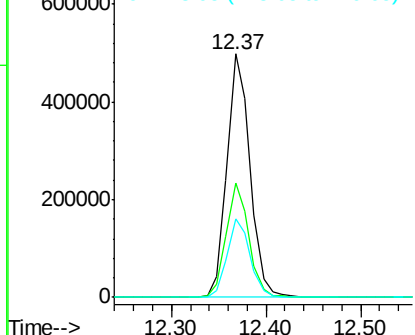
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061556.D
Acq: 3 Apr 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :
VD0403

Tot Ion:117 Resp: 841664
Ion Ratio Lower Upper
117 100
82 46.8 34.4 51.6
119 32.5 25.8 38.6

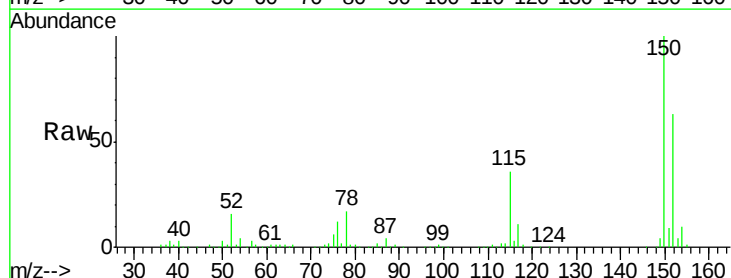


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061556.D
Acq: 3 Apr 2019 15:17

Tgt Ion:152 Resp: 384158
Ion Ratio Lower Upper
152 100
115 56.4 26.9 80.6
150 157.5 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

