

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062014.D
 Acq On : 25 Apr 2019 1:40
 Operator : VA/AP
 Sample : VD0424SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL02

Quant Time: Apr 25 02:56:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	526274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	931046	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	709587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	350679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	237831	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
35) Dibromofluoromethane	6.92	113	355308	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.41	98	806674	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	13.56	95	320272	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

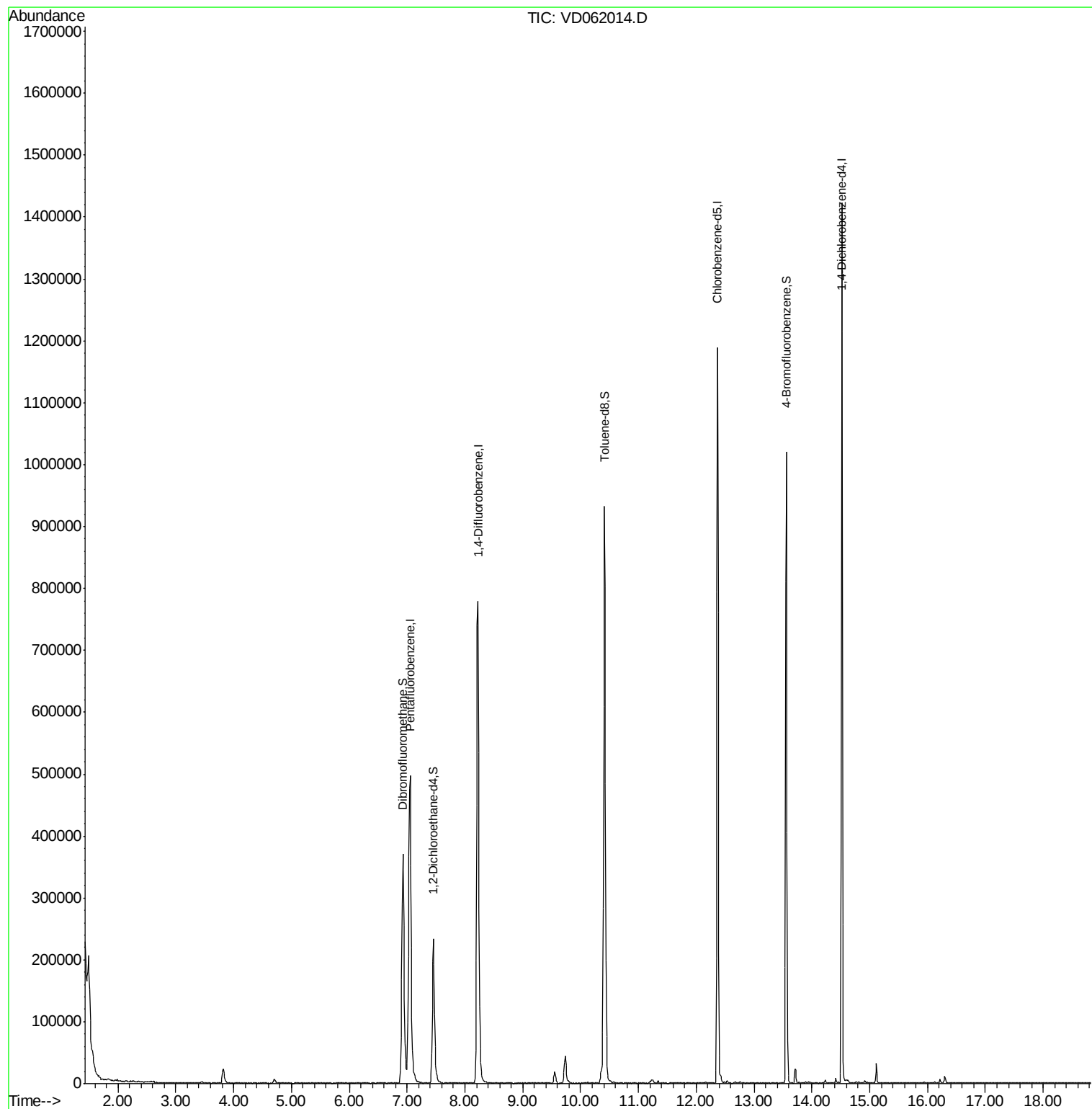
Target Compounds	Qvalue

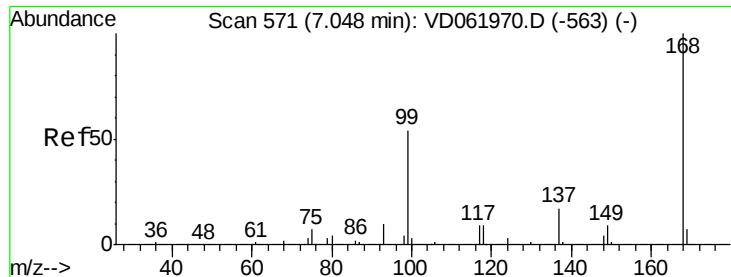
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062014.D

Acq: 25 Apr 2019 1:40

Instrument :

MSVOA_D

ClientSampleId :

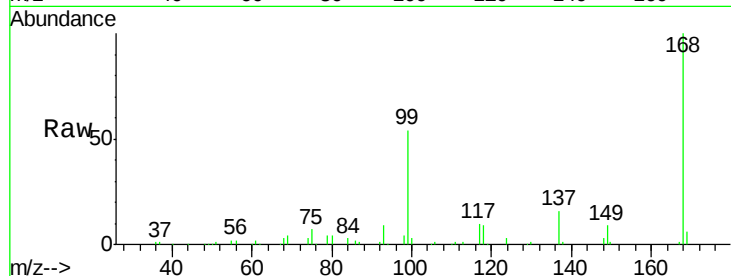
VD0424SBL02

Tot Ion:168 Resp: 526274

Ion Ratio Lower Upper

168 100

99 54.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

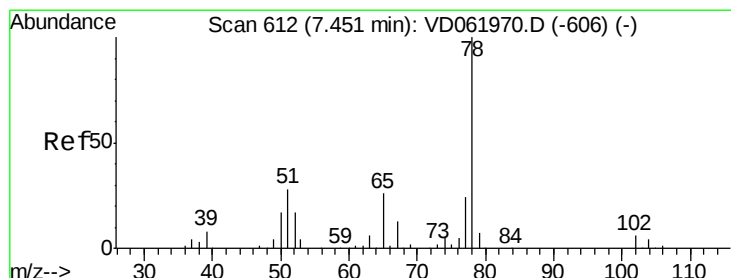
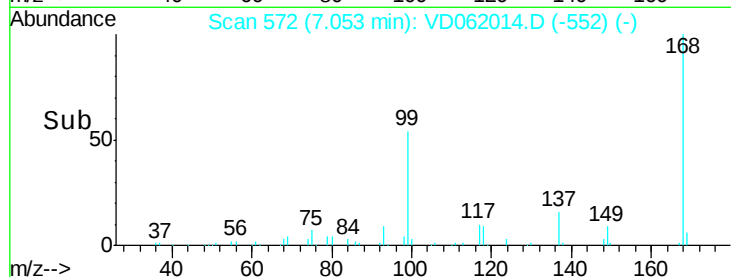
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.741 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062014.D

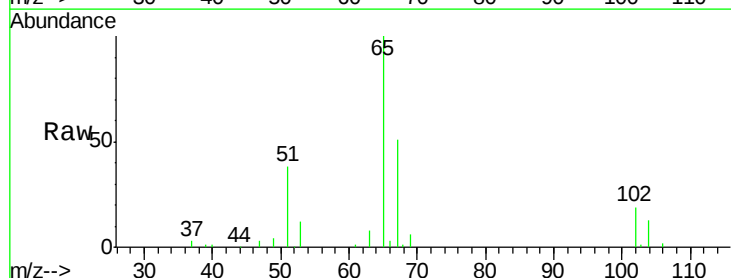
Acq: 25 Apr 2019 1:40

Tgt Ion: 65 Resp: 237831

Ion Ratio Lower Upper

65 100

67 50.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

100000

80000

60000

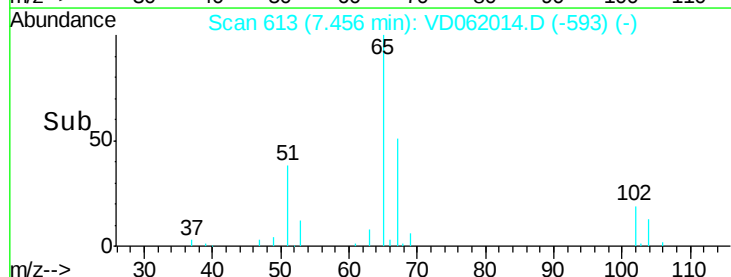
40000

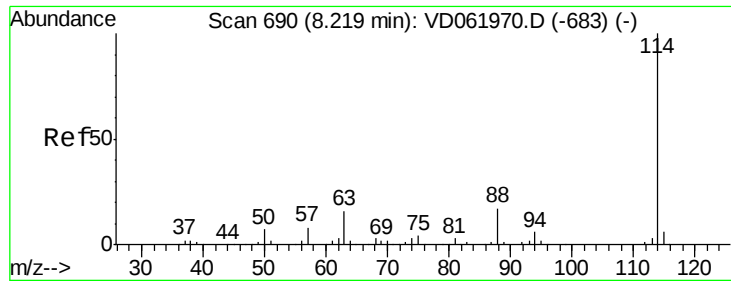
20000

0

7.30 7.40 7.50 7.60

Time-->

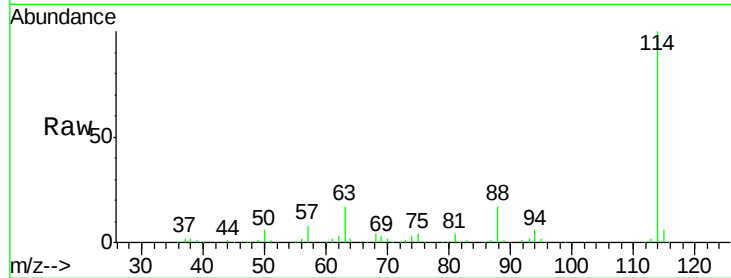




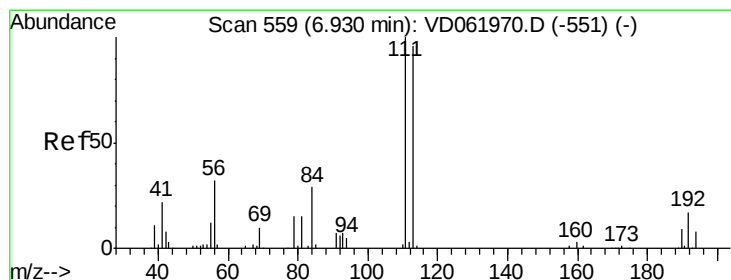
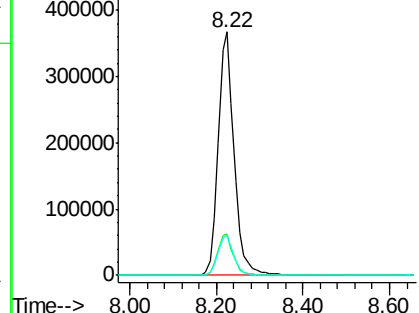
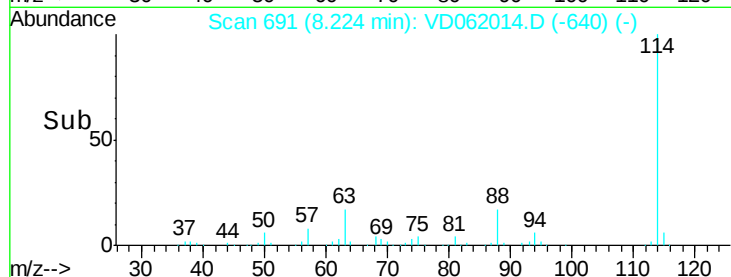
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062014.D
 Acq: 25 Apr 2019 1:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL02

Tot Ion:114 Resp: 931046
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 16.6 0.0 33.6

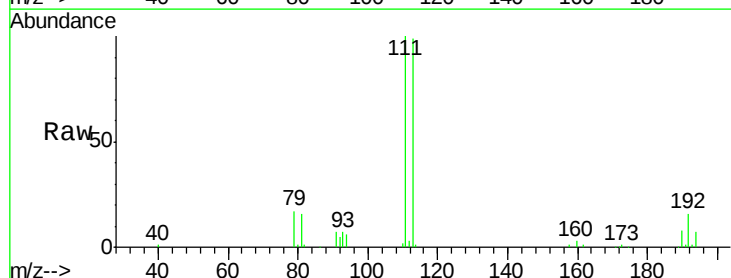


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

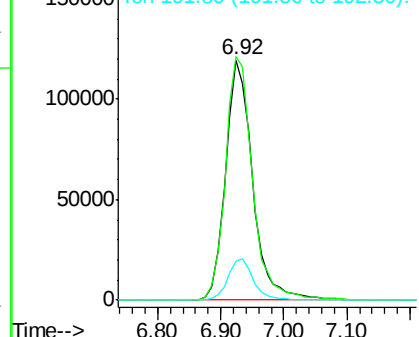
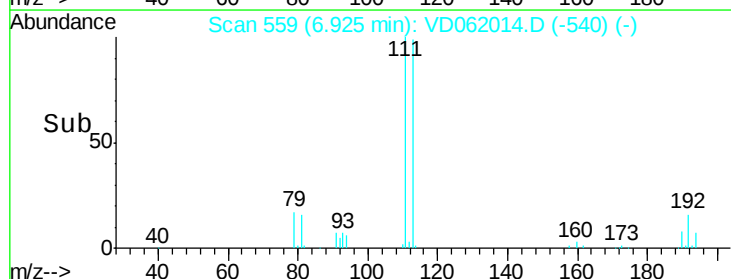


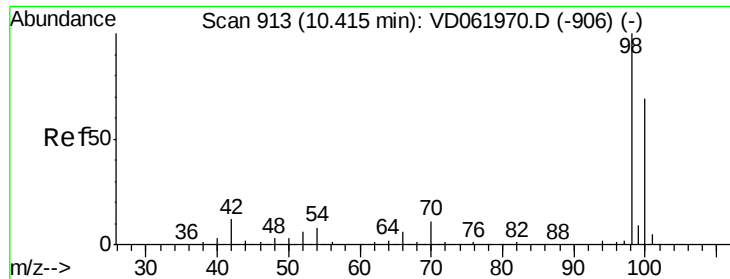
#35
 Dibromofluoromethane
 Concen: 55.180 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD062014.D
 Acq: 25 Apr 2019 1:40

Tgt Ion:113 Resp: 355308
 Ion Ratio Lower Upper
 113 100
 111 101.4 78.5 117.7
 192 16.0 13.0 19.4



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: 52.649 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062014.D

Acq: 25 Apr 2019 1:40

Instrument :

MSVOA_D

ClientSampleId :

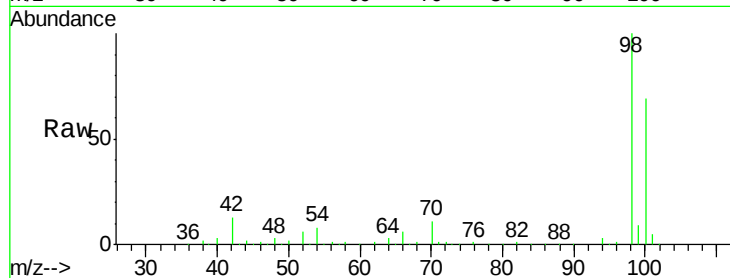
VD0424SBL02

Tot Ion: 98 Resp: 806674

Ion Ratio Lower Upper

98 100

100 68.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.41

400000

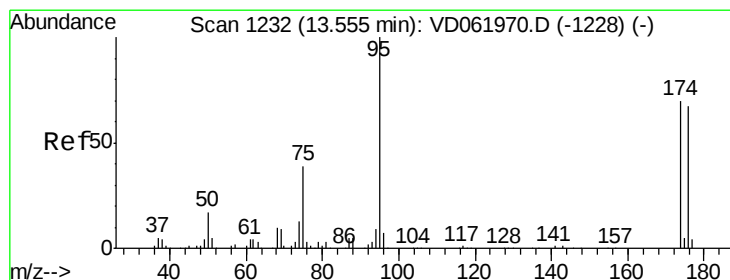
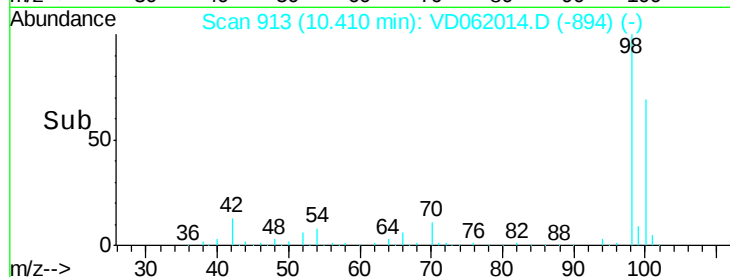
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.115 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062014.D

Acq: 25 Apr 2019 1:40

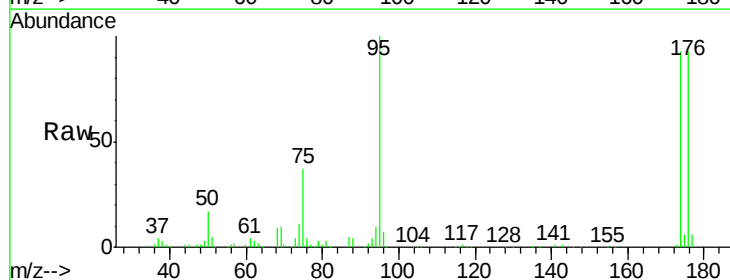
Tgt Ion: 95 Resp: 320272

Ion Ratio Lower Upper

95 100

174 92.7 0.0 181.8

176 93.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

13.56

300000

250000

200000

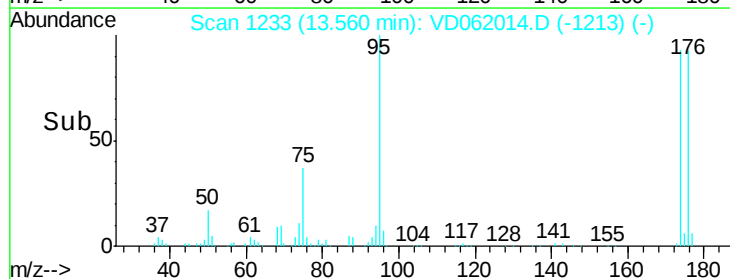
150000

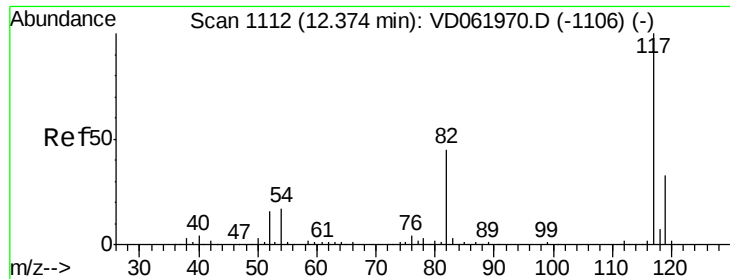
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD062014.D

Acq: 25 Apr 2019 1:40

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL02

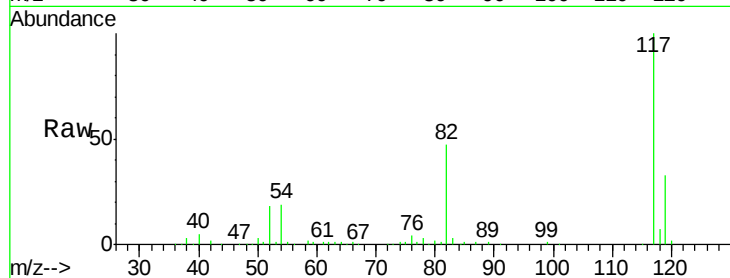
Tot Ion:117 Resp: 709587

Ion Ratio Lower Upper

117 100

82 47.2 36.2 54.2

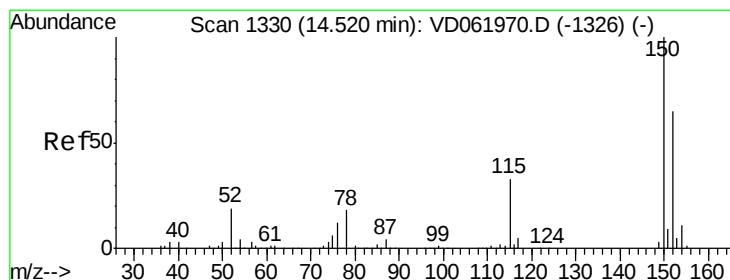
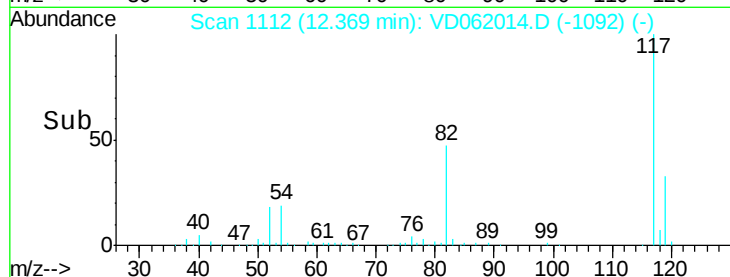
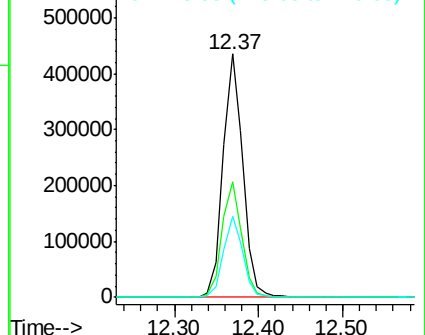
119 33.2 26.2 39.4



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. 0.00 min

Lab File: VD062014.D

Acq: 25 Apr 2019 1:40

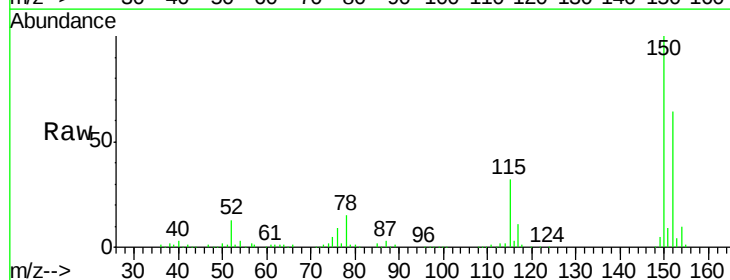
Tgt Ion:152 Resp: 350679

Ion Ratio Lower Upper

152 100

115 49.4 30.9 92.7

150 155.6 0.0 314.8



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

