

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062030.D
 Acq On : 25 Apr 2019 10:55
 Operator : VA/AP
 Sample : VD0425SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBL01

Quant Time: Apr 25 15:27:48 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	7.06	168	570461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	889088	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	705921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	337907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	240531	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	6.93	113	356193	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
50) Toluene-d8	10.41	98	783394	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	13.55	95	340037	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	

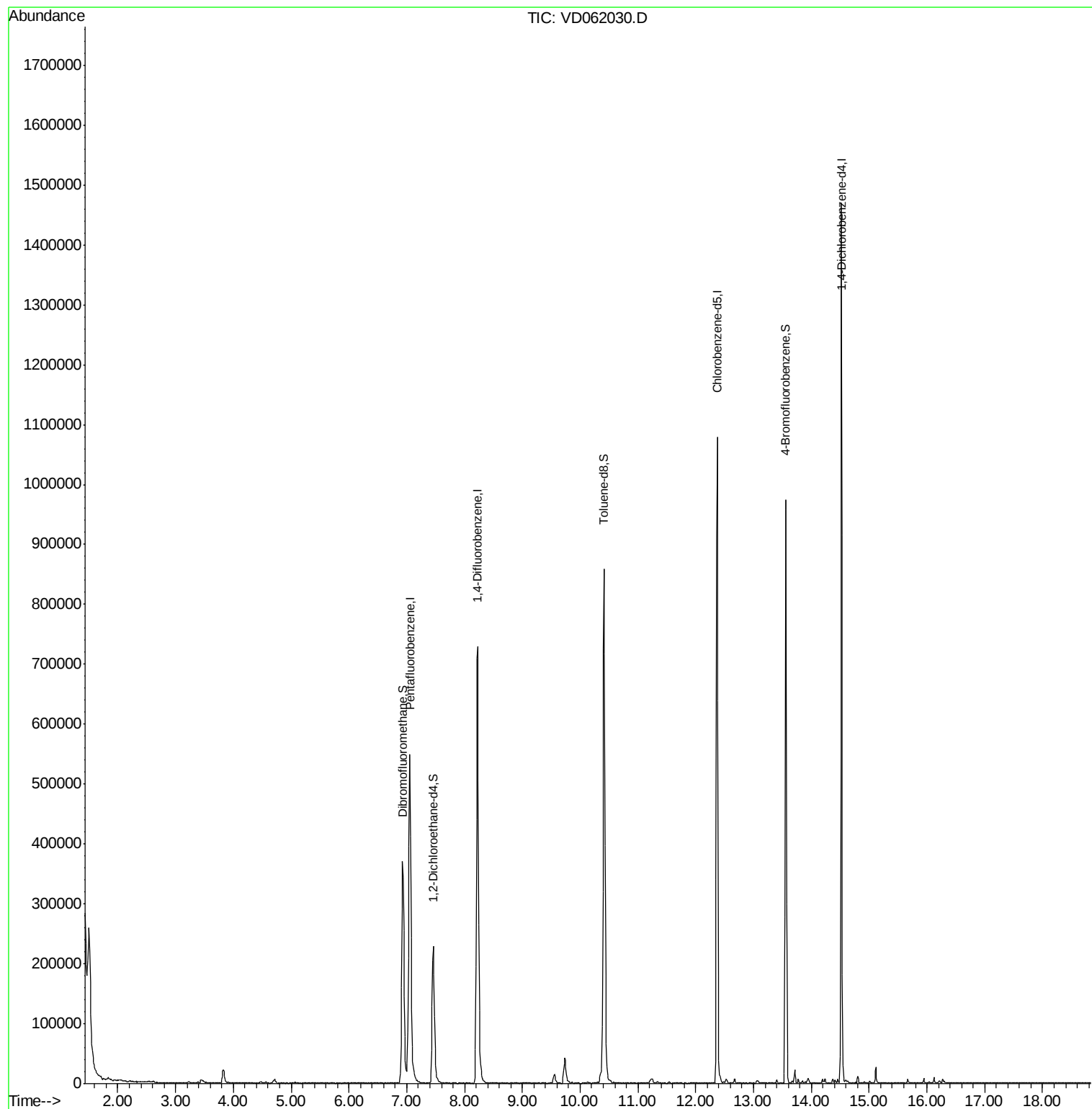
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

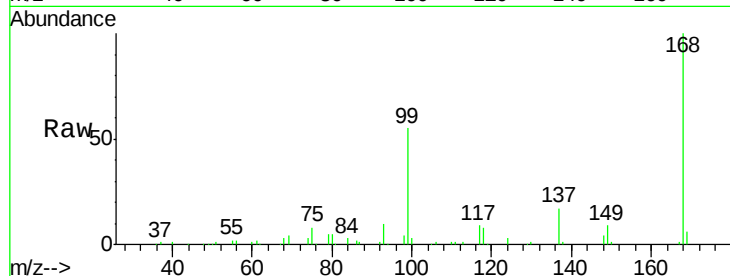
VD0425SBL01

Tot Ion:168 Resp: 570461

Ion Ratio Lower Upper

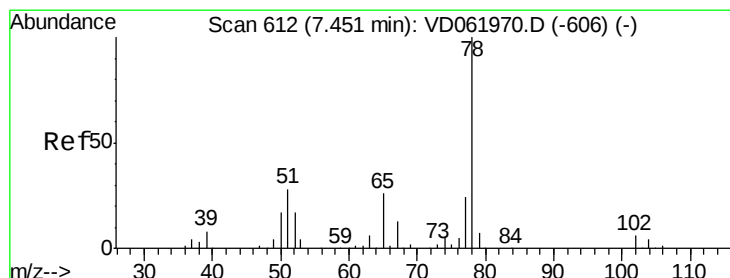
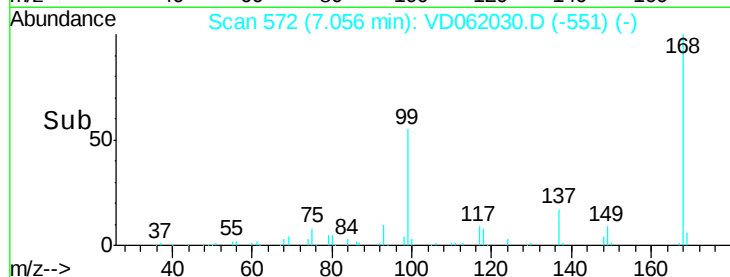
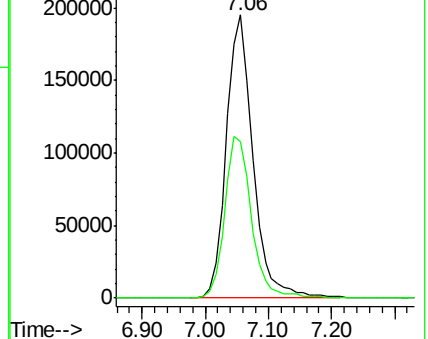
168 100

99 55.2 46.5 69.7



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: 53.873 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062030.D

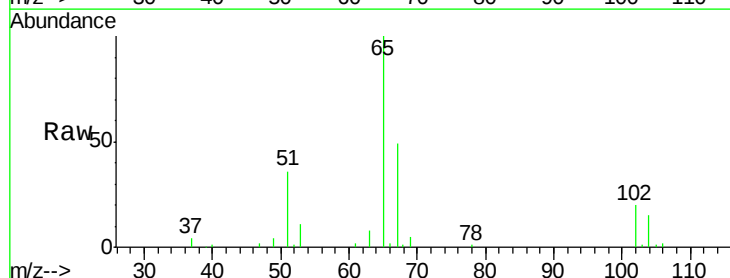
Acq: 25 Apr 2019 10:55

Tgt Ion: 65 Resp: 240531

Ion Ratio Lower Upper

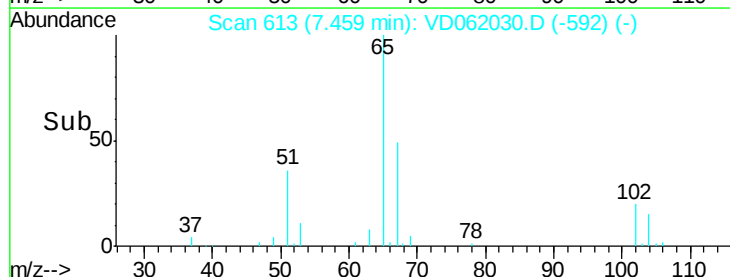
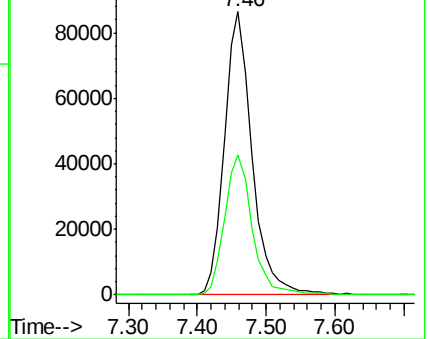
65 100

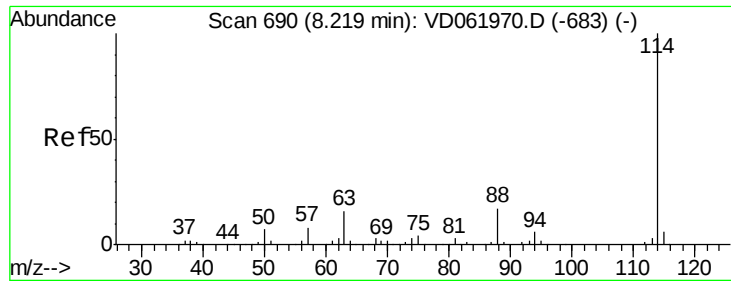
67 49.3 0.0 98.0



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: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBL01

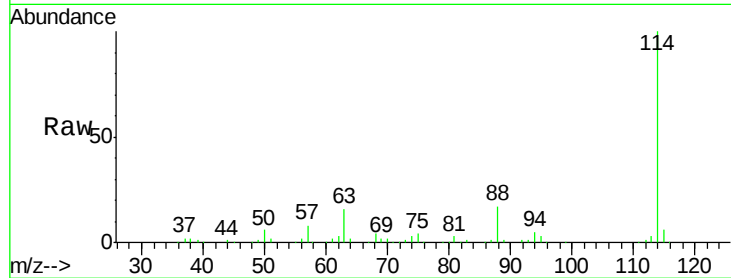
Tot Ion:114 Resp: 889088

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

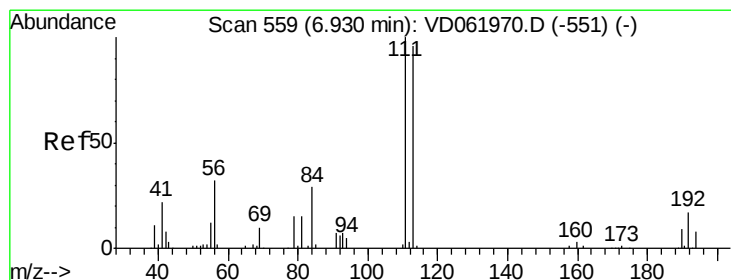
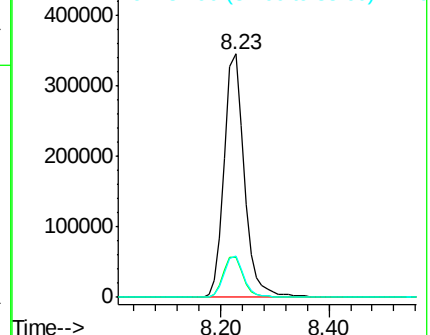
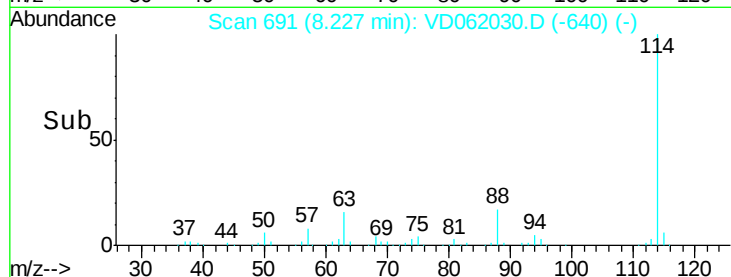
88 16.9 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 57.928 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

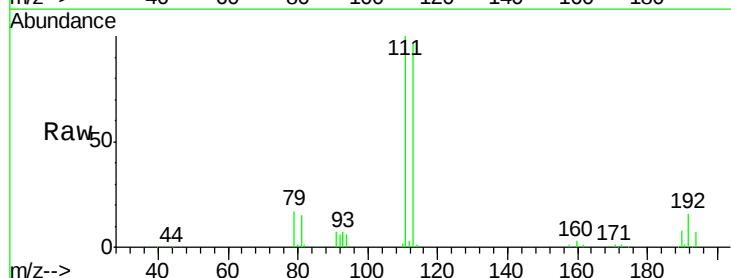
Tgt Ion:113 Resp: 356193

Ion Ratio Lower Upper

113 100

111 103.6 78.5 117.7

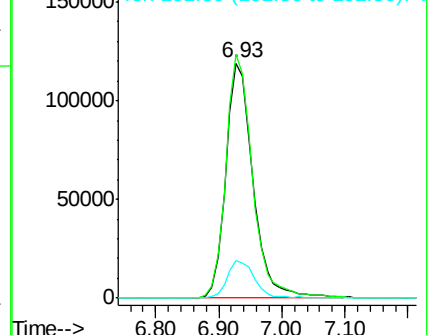
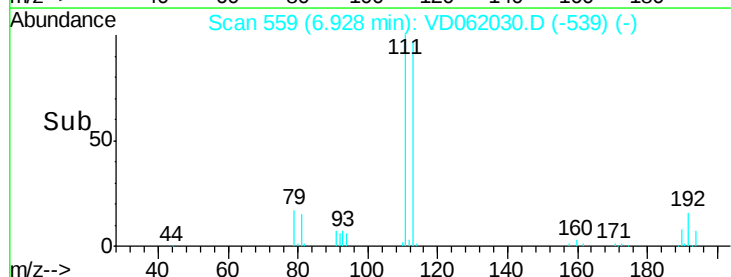
192 16.2 13.0 19.4

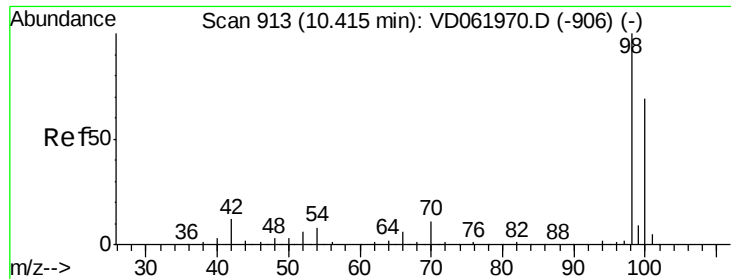


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 53.542 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

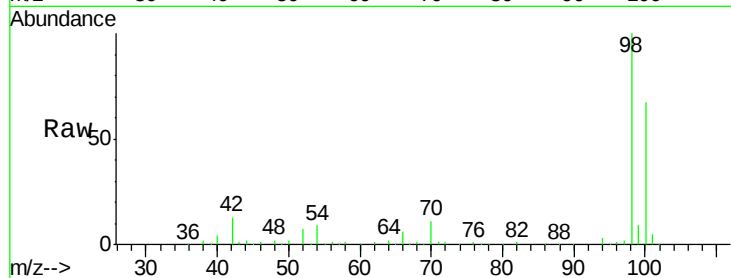
VD0425SBL01

Tot Ion: 98 Resp: 783394

Ion Ratio Lower Upper

98 100

100 67.3 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

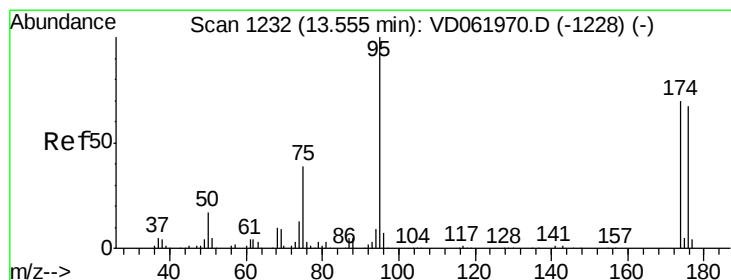
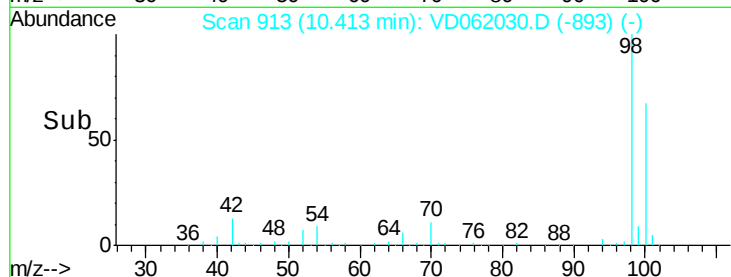
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.943 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

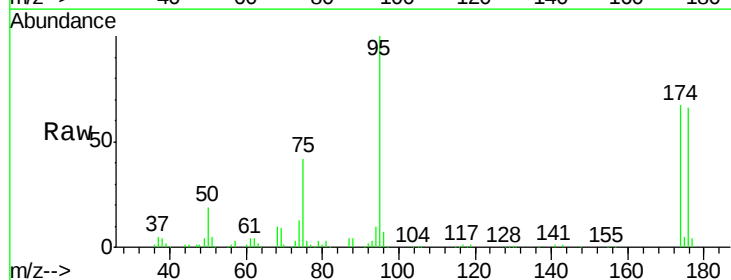
Tgt Ion: 95 Resp: 340037

Ion Ratio Lower Upper

95 100

174 67.3 0.0 181.8

176 65.6 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) (-)

13.55

300000

250000

200000

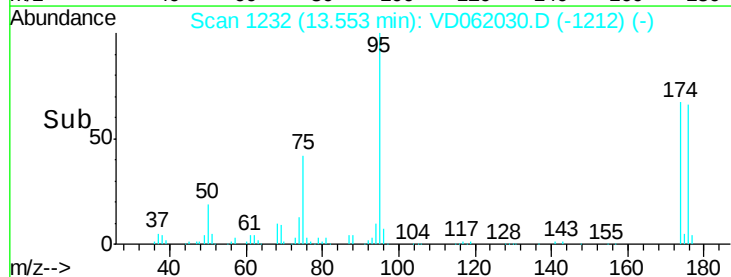
150000

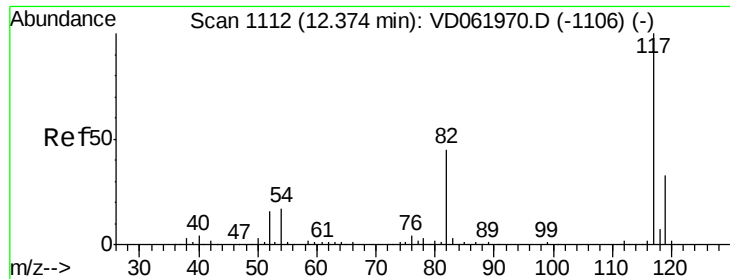
100000

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: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBL01

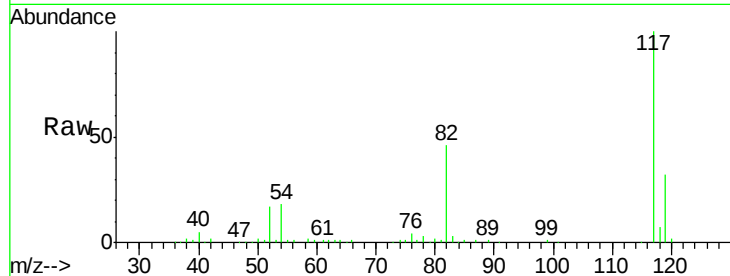
Tot Ion:117 Resp: 705921

Ion Ratio Lower Upper

117 100

82 45.9 36.2 54.2

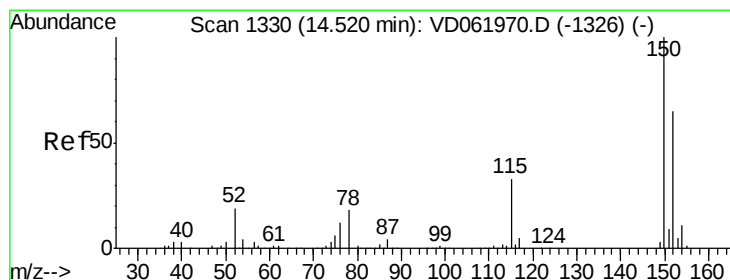
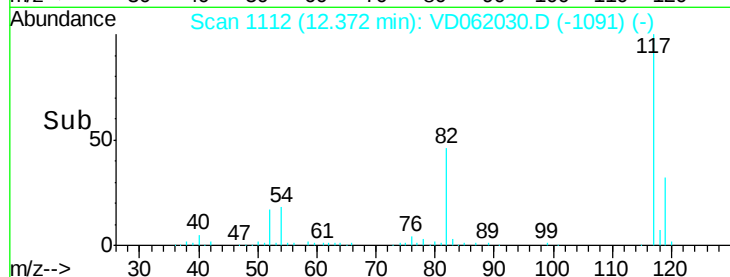
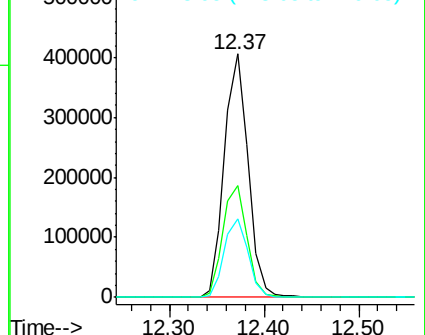
119 32.5 26.2 39.4



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# 1330

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

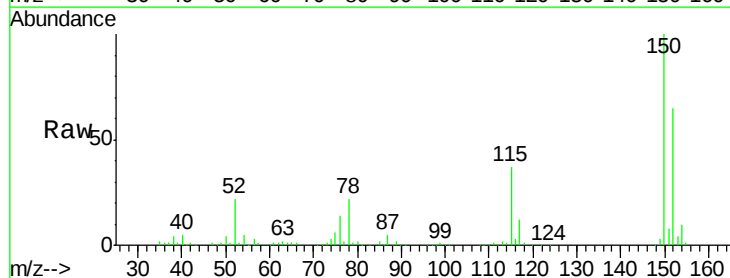
Tgt Ion:152 Resp: 337907

Ion Ratio Lower Upper

152 100

115 57.8 30.9 92.7

150 154.3 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

