

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061984.D
 Acq On : 24 Apr 2019 00:33
 Operator : VA/AP
 Sample : VD0423SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL02

Quant Time: Apr 24 07:35:21 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	545798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	884565	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	755724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	375089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	245323	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
35) Dibromofluoromethane	6.93	113	352946	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	
50) Toluene-d8	10.42	98	796943	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
62) 4-Bromofluorobenzene	13.56	95	309510	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	

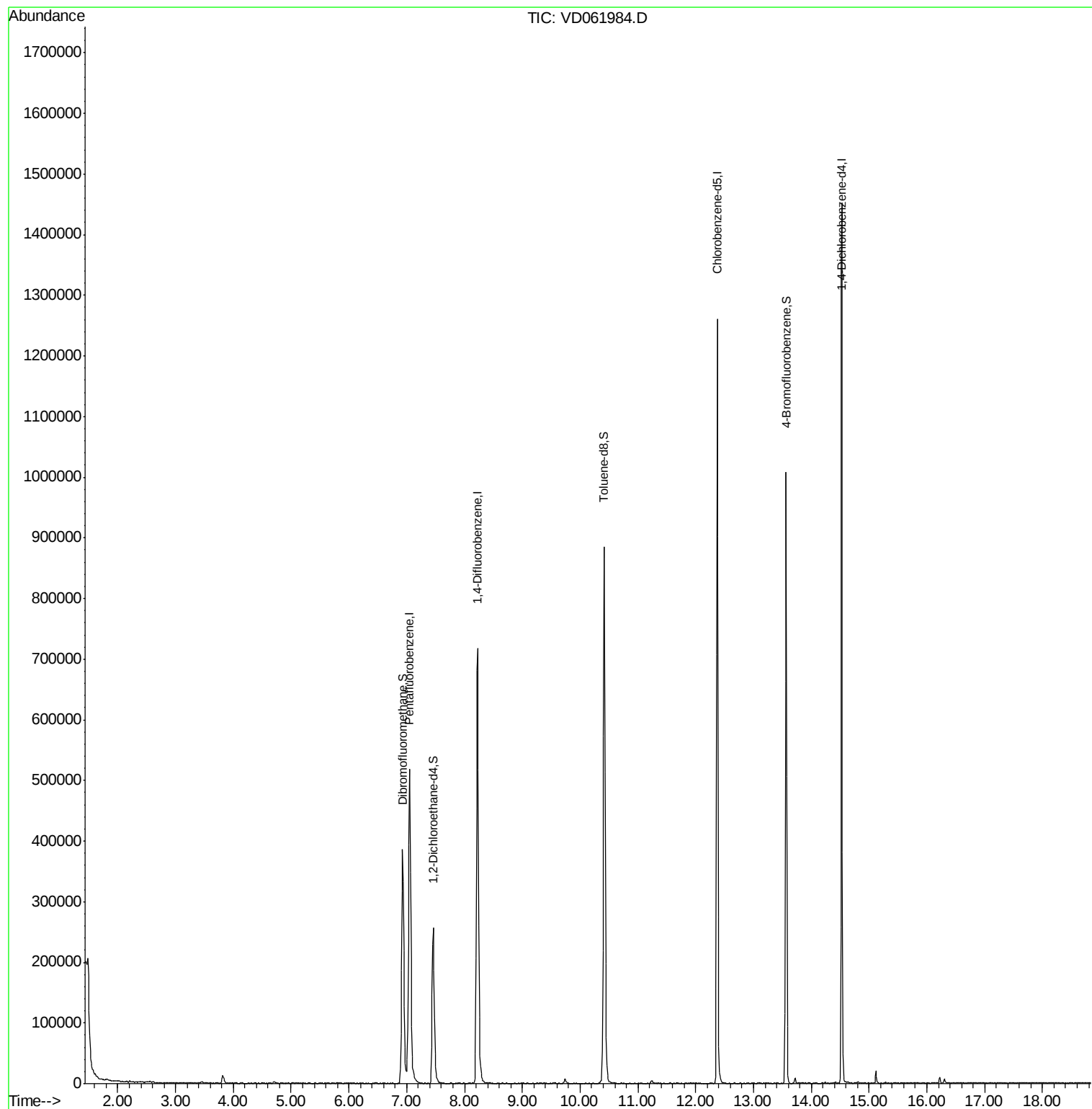
Target Compounds	Qvalue

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

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QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

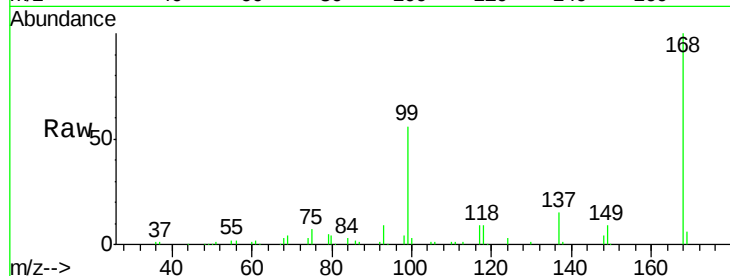
VD0423SBL02

Tot Ion:168 Resp: 545798

Ion Ratio Lower Upper

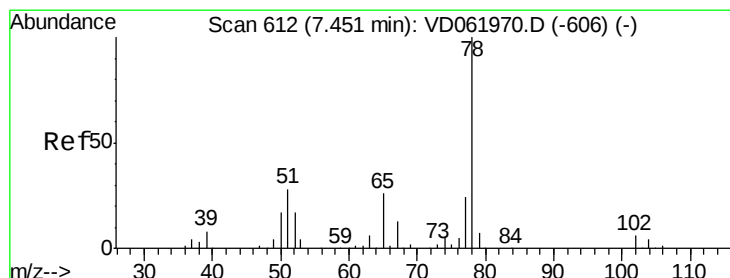
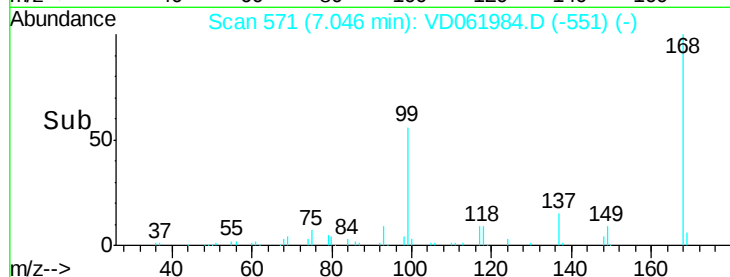
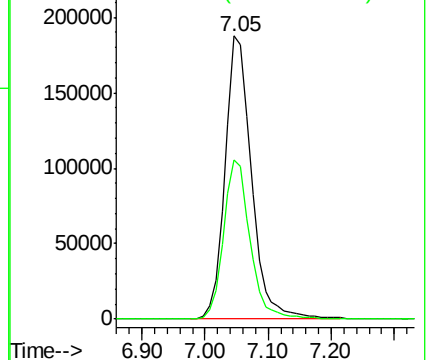
168 100

99 56.3 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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061984.D

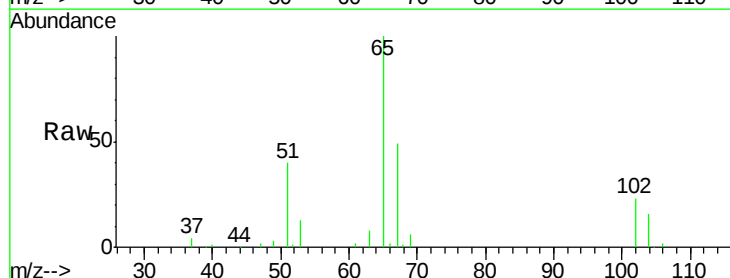
Acq: 24 Apr 2019 00:33

Tgt Ion: 65 Resp: 245323

Ion Ratio Lower Upper

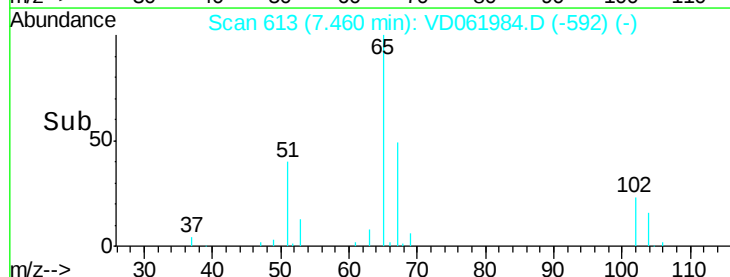
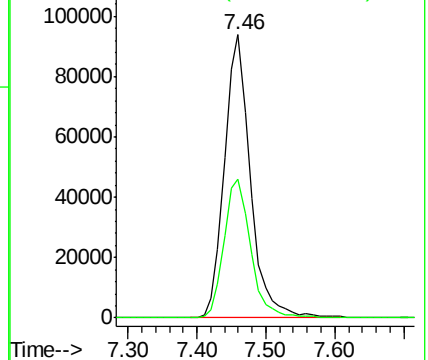
65 100

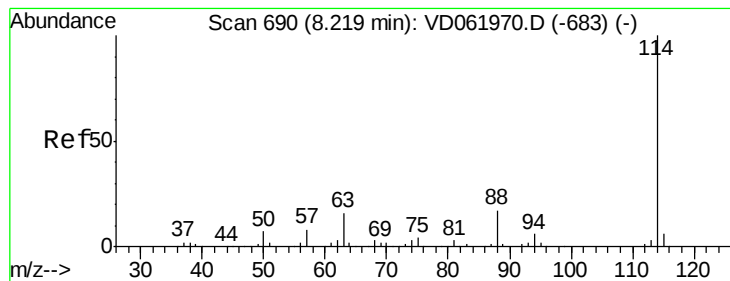
67 49.2 0.0 98.0



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: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

VD0423SBL02

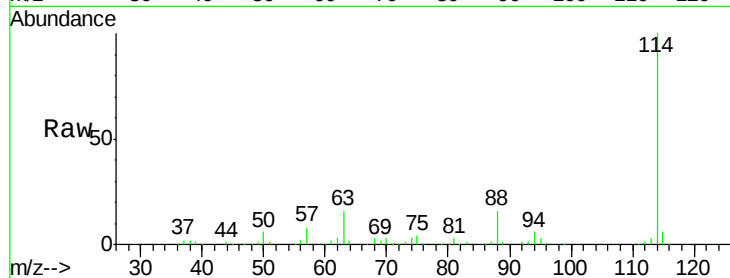
Tot Ion:114 Resp: 884565

Ion Ratio Lower Upper

114 100

63 15.8 0.0 32.4

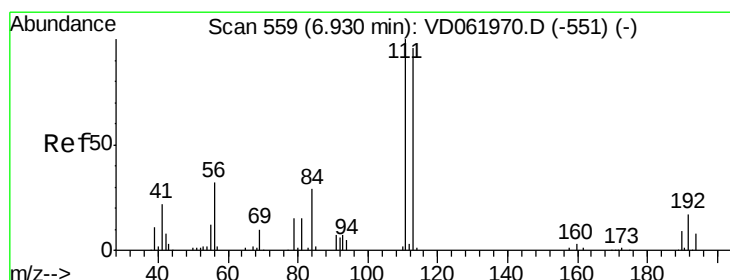
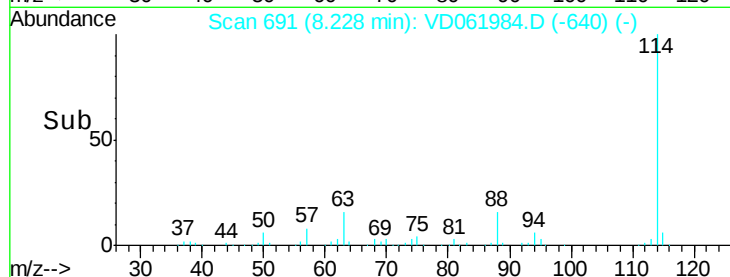
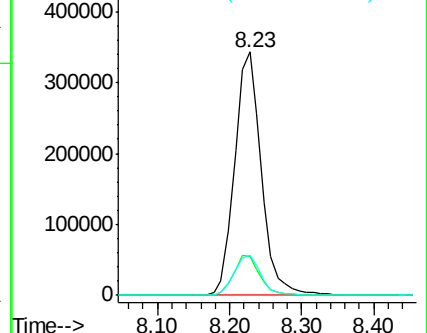
88 16.3 0.0 33.6



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: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

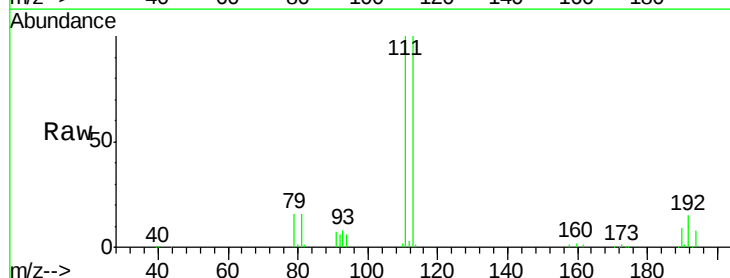
Tgt Ion:113 Resp: 352946

Ion Ratio Lower Upper

113 100

111 99.8 78.5 117.7

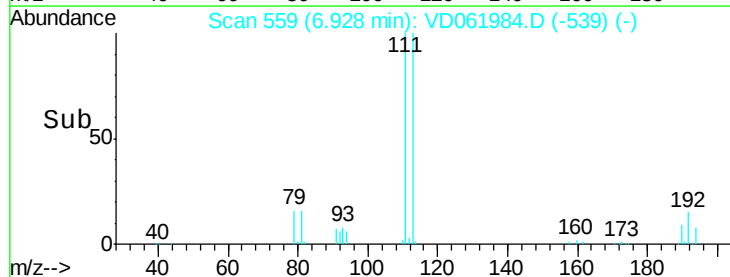
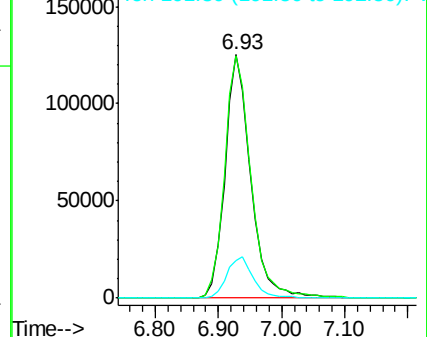
192 15.2 13.0 19.4

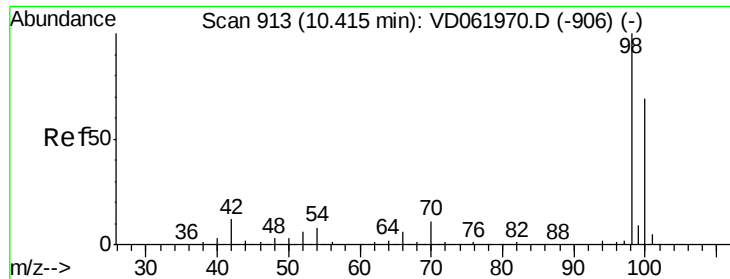


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

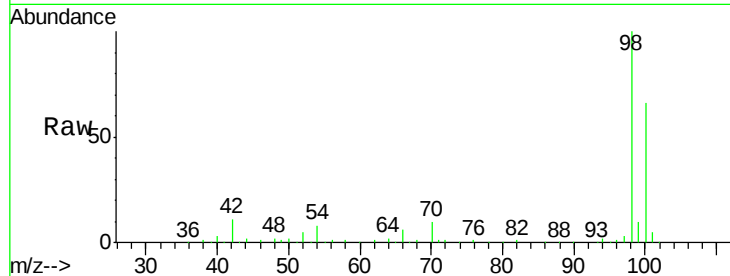




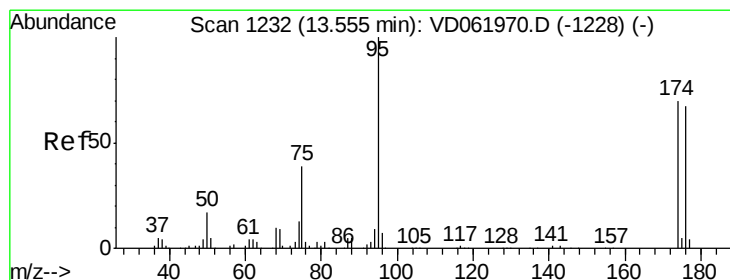
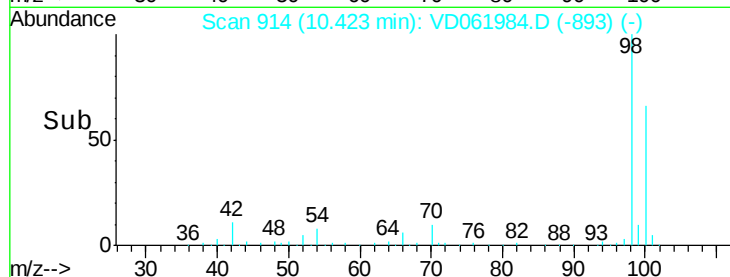
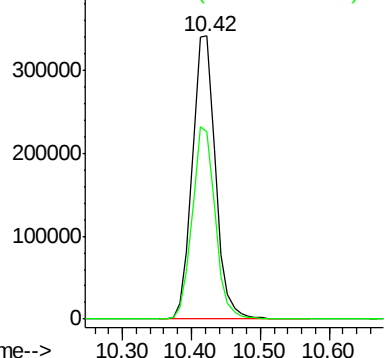
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL02

Tot Ion: 98 Resp: 796943
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.8

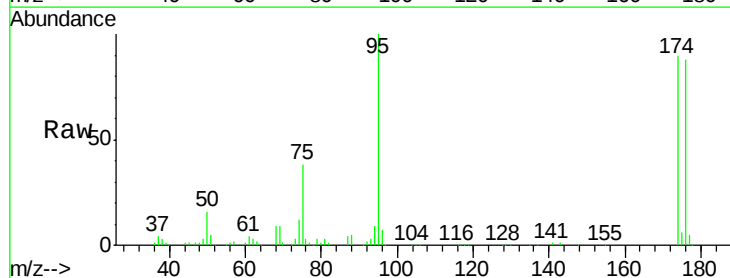


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

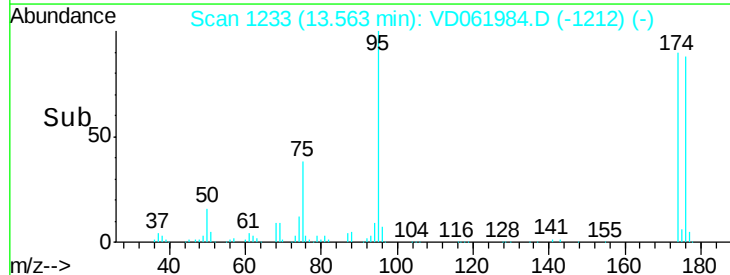
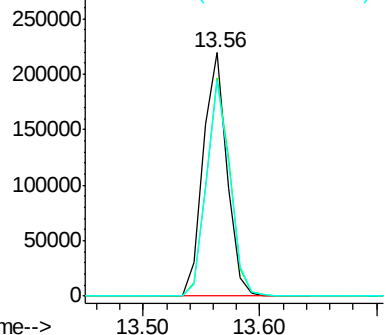


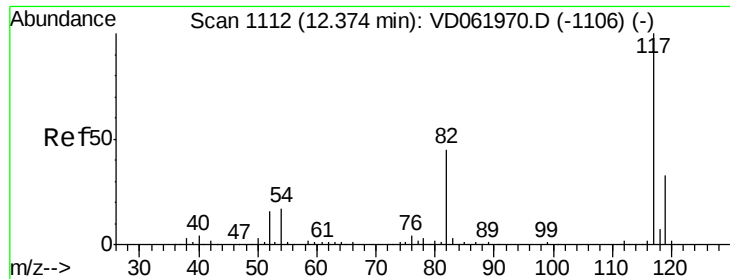
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061984.D
Acq: 24 Apr 2019 00:33

Tgt Ion: 95 Resp: 309510
Ion Ratio Lower Upper
95 100
174 89.8 0.0 181.8
176 88.2 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) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

Instrument :

MSVOA_D

ClientSampleId :

VD0423SBL02

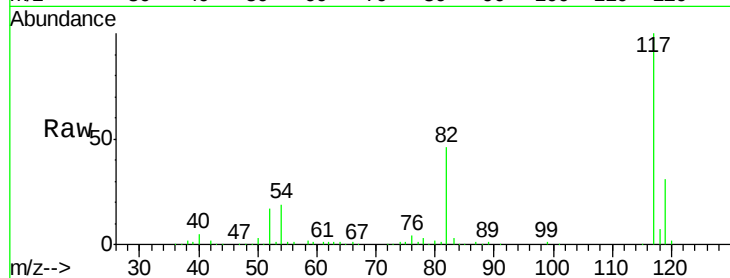
Tot Ion:117 Resp: 755724

Ion Ratio Lower Upper

117 100

82 45.8 36.2 54.2

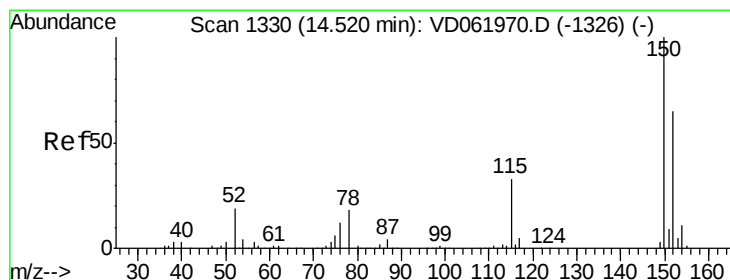
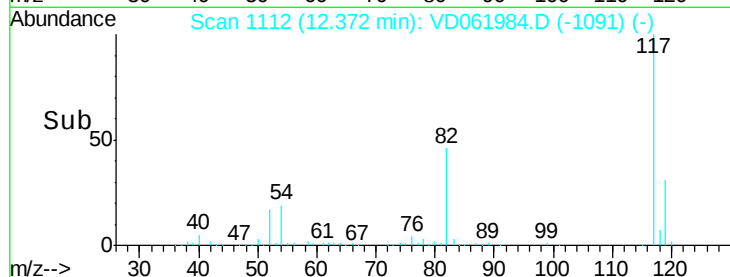
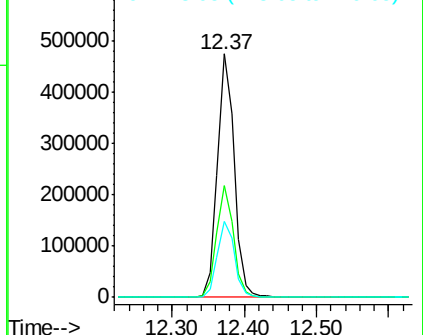
119 31.5 26.2 39.4



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: 14.53 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VD061984.D

Acq: 24 Apr 2019 00:33

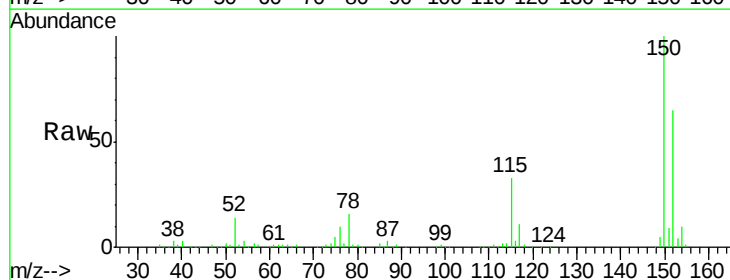
Tgt Ion:152 Resp: 375089

Ion Ratio Lower Upper

152 100

115 51.6 30.9 92.7

150 154.9 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

