

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062672.D
 Acq On : 12 Jun 2019 14:16
 Operator : VA/AP
 Sample : K3273-05
 Misc : 5.30g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4 1.0-1.5 060719

Quant Time: Jun 13 07:42:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	641673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	961837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	770528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	381454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	418198	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	6.91	113	442555	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
50) Toluene-d8	10.40	98	798758	37.43	ug/l	0.00
Spiked Amount			Recovery	=	74.86%	
62) 4-Bromofluorobenzene	13.55	95	399511	40.13	ug/l	0.00
Spiked Amount			Recovery	=	80.26%	

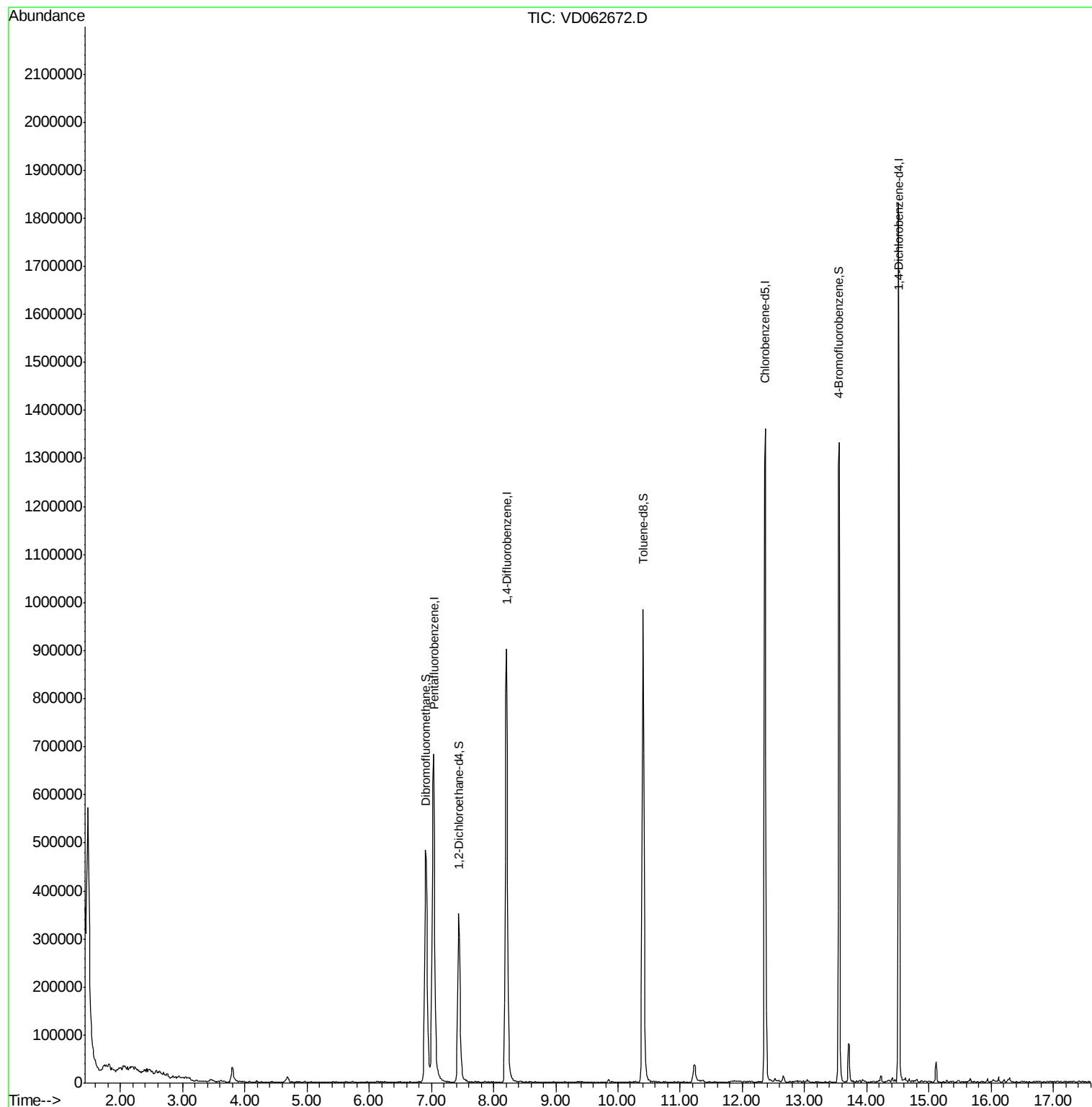
Target Compounds	Qvalue
------------------	--------

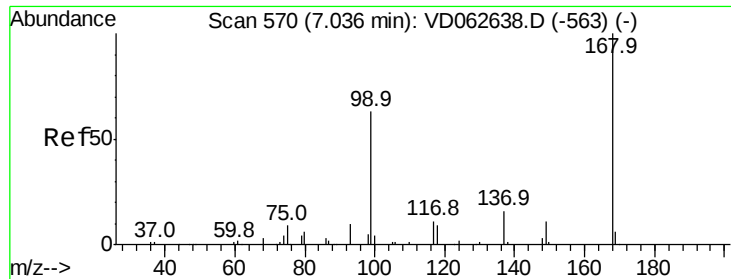
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061219\
Data File : VD062672.D
Acq On : 12 Jun 2019 14:16
Operator : VA/AP
Sample : K3273-05
Misc : 5.30g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4_1.0-1.5_060719

Quant Time: Jun 13 07:42:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062672.D

Acq: 12 Jun 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

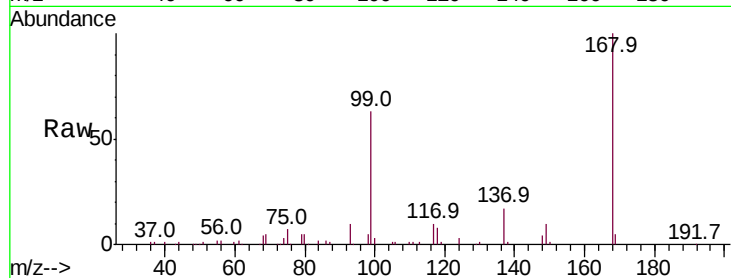
SB-4 1.0-1.5 060719

Tot Ion:168 Resp: 641673

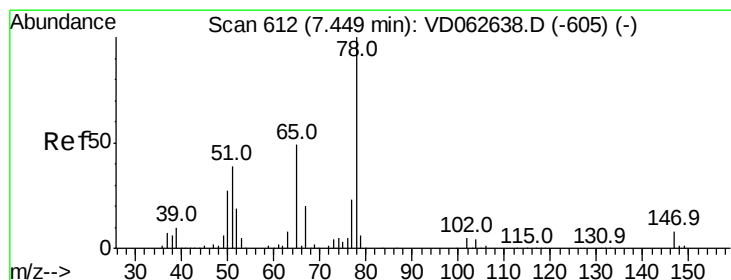
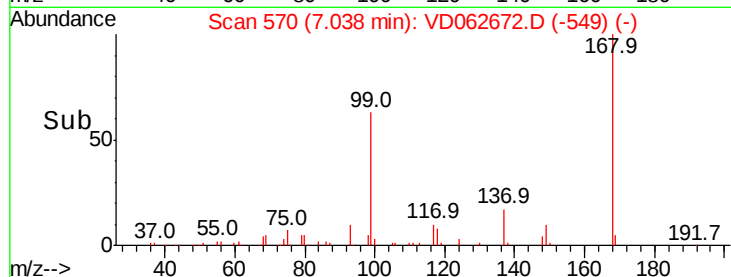
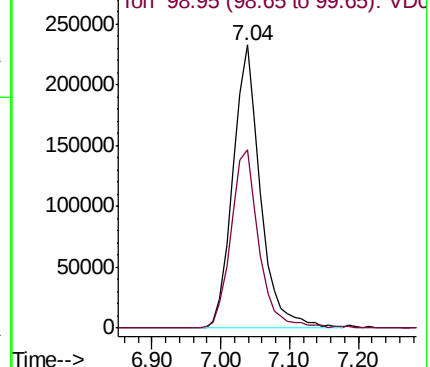
Ion Ratio Lower Upper

168 100

99 63.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 45.165 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062672.D

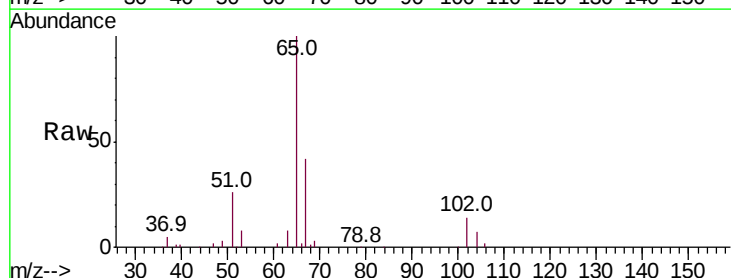
Acq: 12 Jun 2019 14:16

Tgt Ion: 65 Resp: 418198

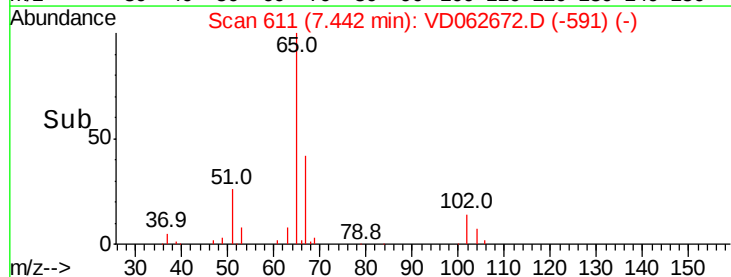
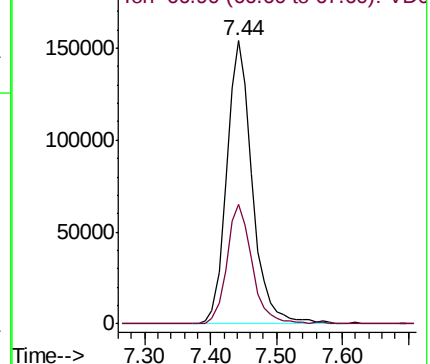
Ion Ratio Lower Upper

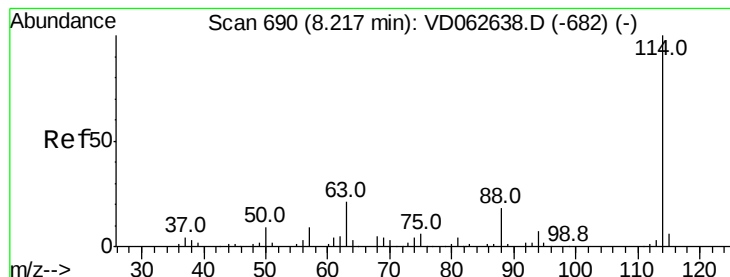
65 100

67 42.3 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062672.D

Acq: 12 Jun 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

SB-4 1.0-1.5 060719

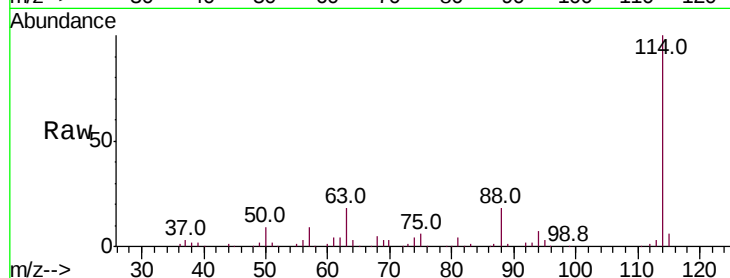
Tot Ion:114 Resp: 961837

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

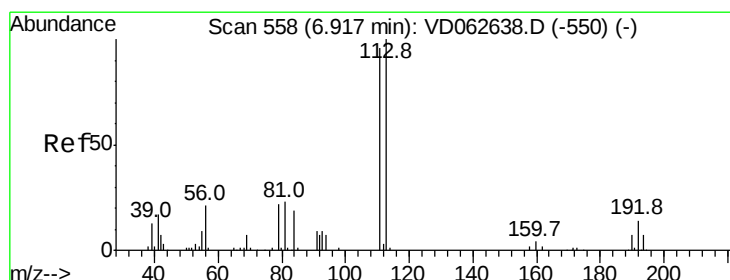
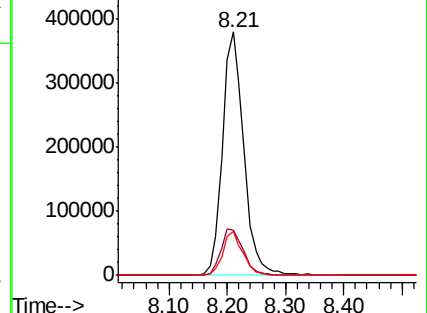
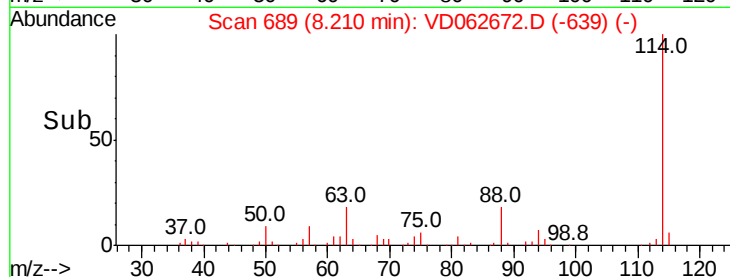
88 17.9 0.0 36.8



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: 43.628 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD062672.D

Acq: 12 Jun 2019 14:16

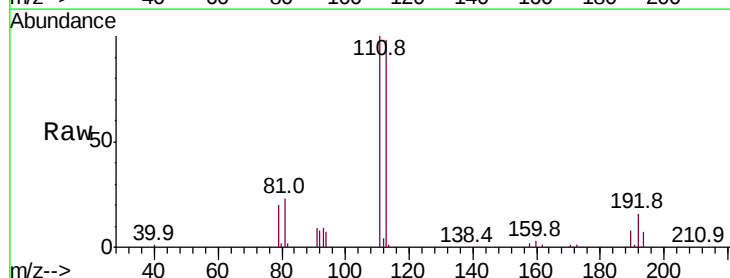
Tgt Ion:113 Resp: 442555

Ion Ratio Lower Upper

113 100

111 102.1 76.4 114.6

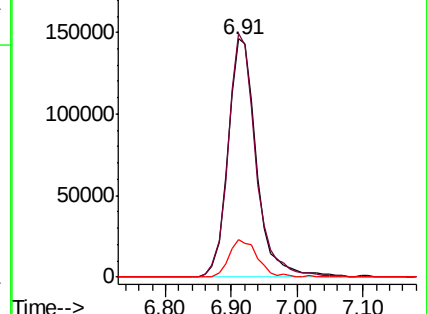
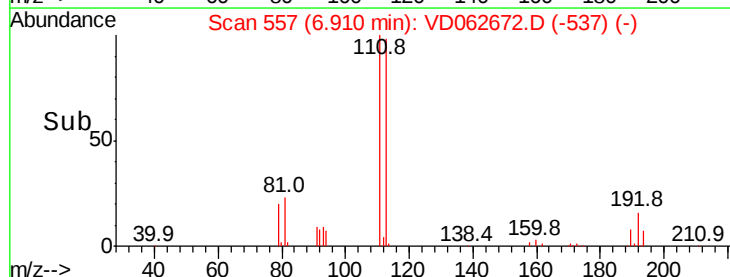
192 16.0 11.4 17.0

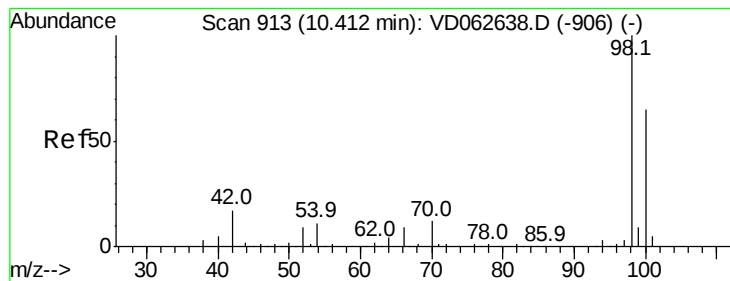


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 37.432 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062672.D

Acq: 12 Jun 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

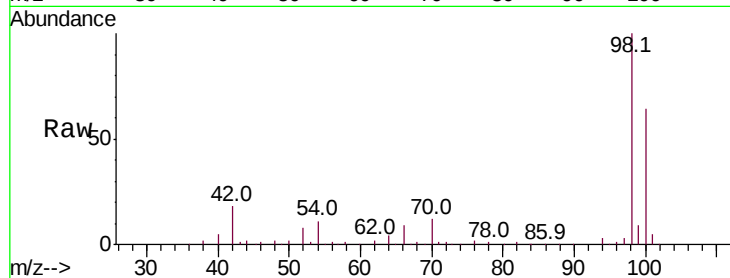
SB-4 1.0-1.5 060719

Tot Ion: 98 Resp: 798758

Ion Ratio Lower Upper

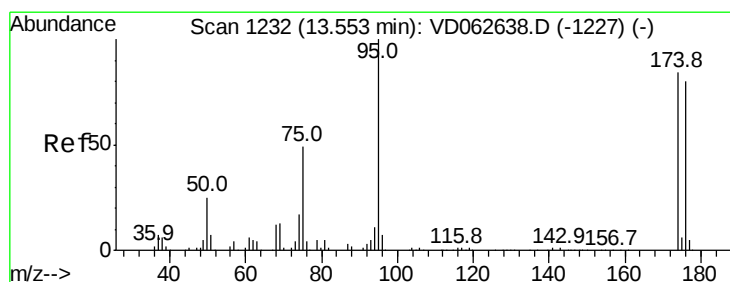
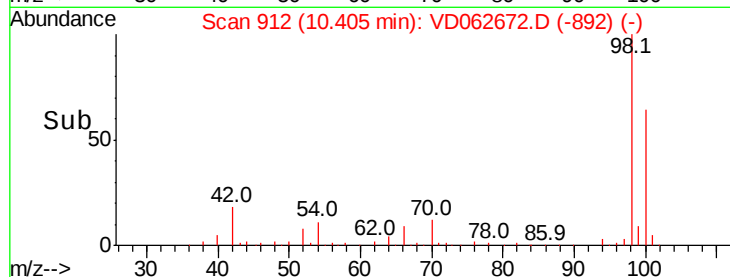
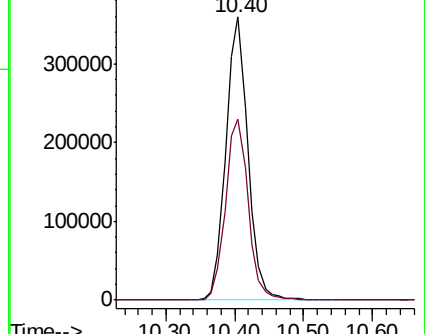
98 100

100 63.9 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 40.130 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062672.D

Acq: 12 Jun 2019 14:16

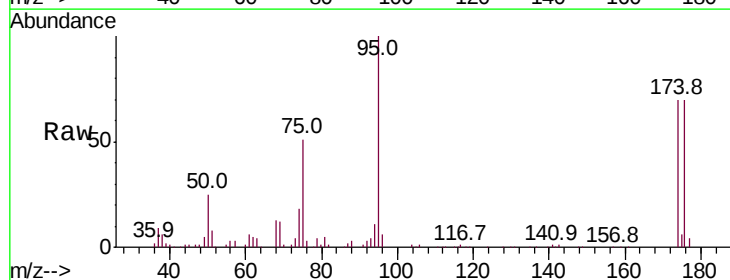
Tgt Ion: 95 Resp: 399511

Ion Ratio Lower Upper

95 100

174 70.4 0.0 167.0

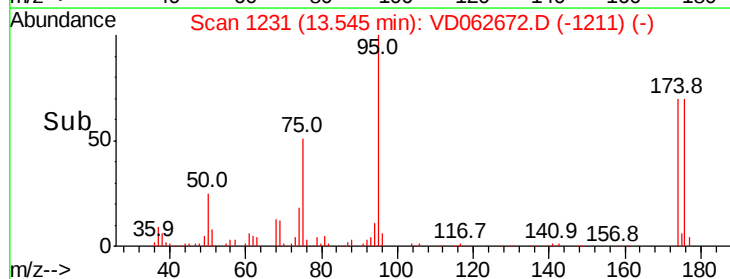
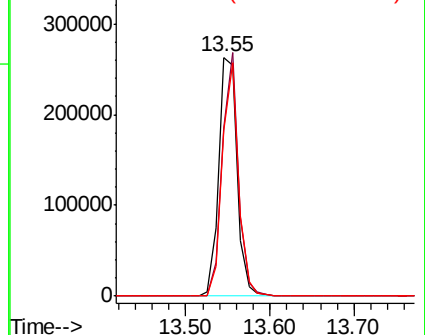
176 69.5 0.0 159.2

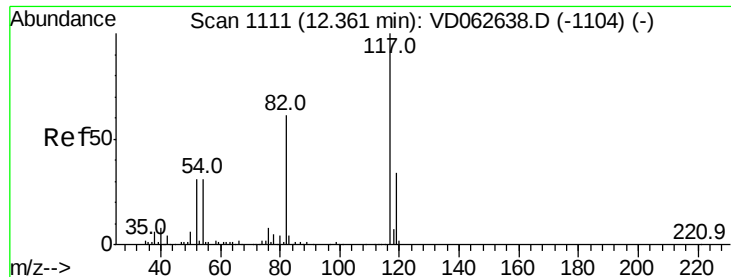


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

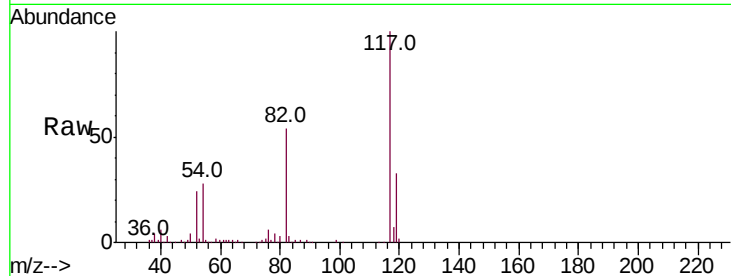




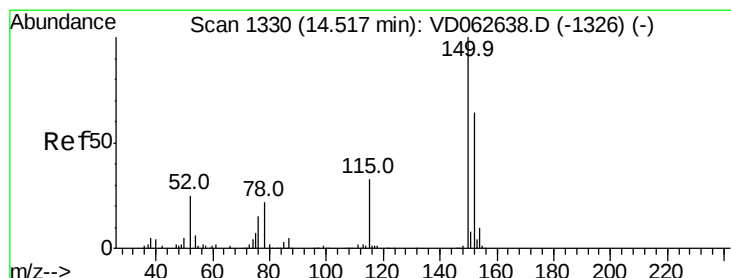
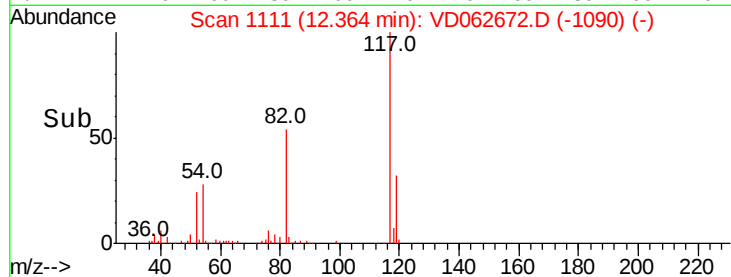
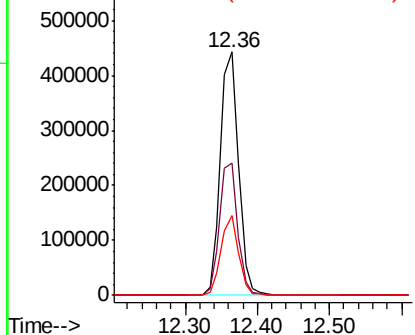
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062672.D
Acq: 12 Jun 2019 14:16

Instrument :
MSVOA_D
ClientSampleId :
SB-4 1.0-1.5 060719

Tot Ion:117 Resp: 770528
Ion Ratio Lower Upper
117 100
82 54.4 48.7 73.1
119 32.6 27.0 40.6

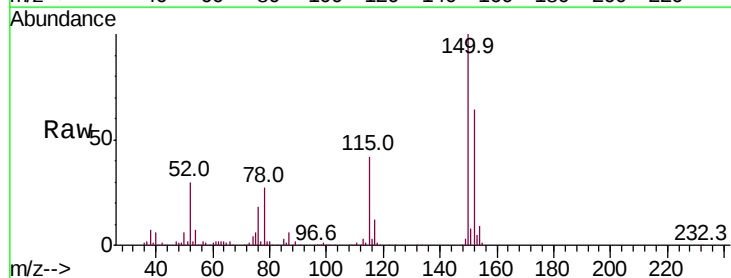


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062672.D
Acq: 12 Jun 2019 14:16

Tgt Ion:152 Resp: 381454
Ion Ratio Lower Upper
152 100
115 64.9 30.1 90.5
150 156.1 0.0 314.0



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

