

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062993.D
 Acq On : 1 Jul 2019 16:36
 Operator : VA/AP
 Sample : K3604-01
 Misc : 6.49g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1-17-17.5-BGS

Quant Time: Jul 02 08:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

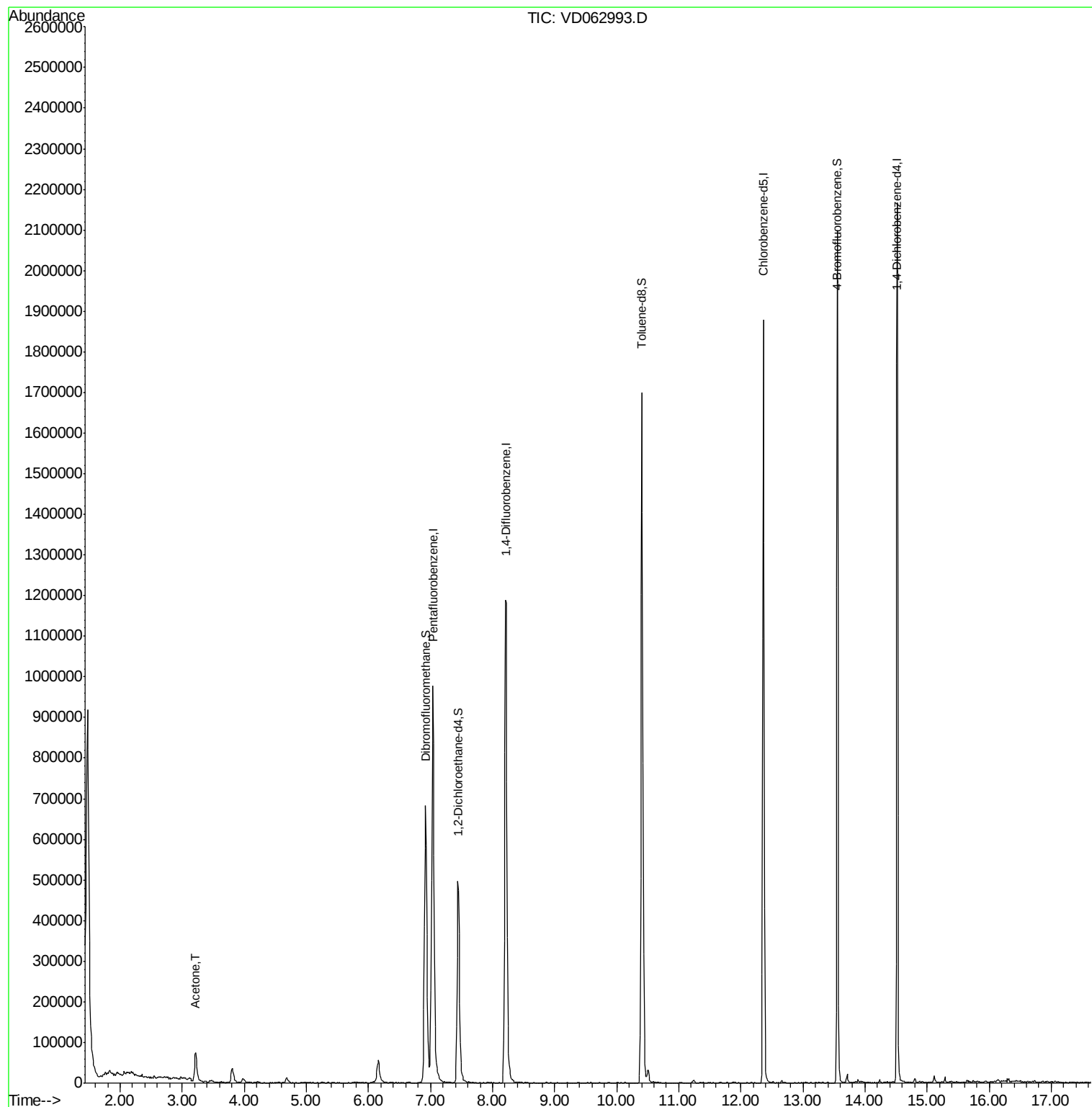
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	951970	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1310308	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1000127	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	494947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	562550	54.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	6.92	113	603495	54.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.40	98	1348035	56.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.12%	
62) 4-Bromofluorobenzene	13.55	95	551665	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
16) Acetone	3.22	43	140532	61.701	ug/l #	Qvalue 90

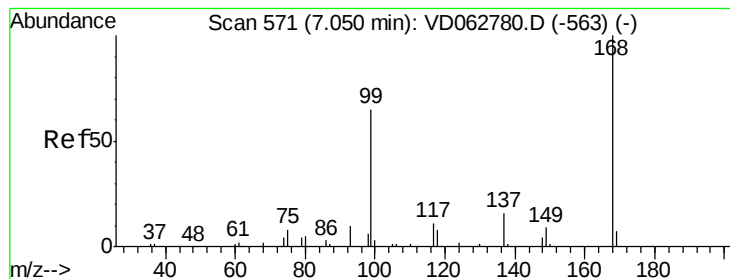
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062993.D
Acq On : 1 Jul 2019 16:36
Operator : VA/AP
Sample : K3604-01
Misc : 6.49g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-1-17-17.5-BGS

Quant Time: Jul 02 08:08:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

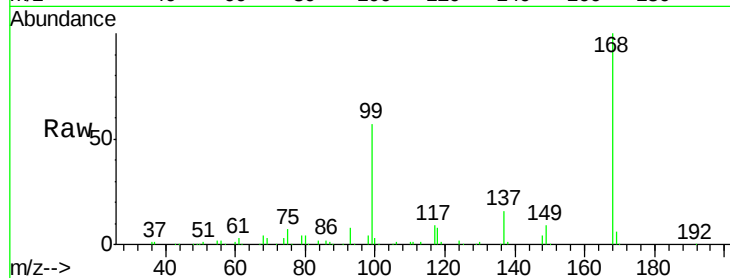
S-1-17-17.5-BGS

Tot Ion:168 Resp: 951970

Ion Ratio Lower Upper

168 100

99 57.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

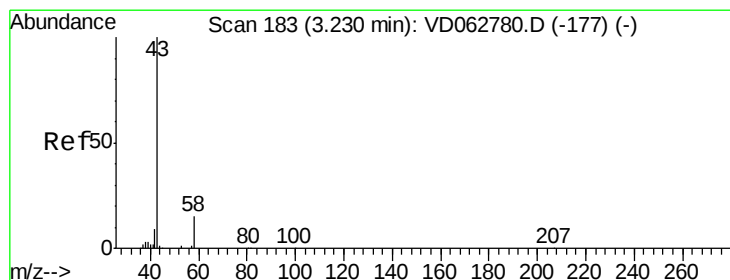
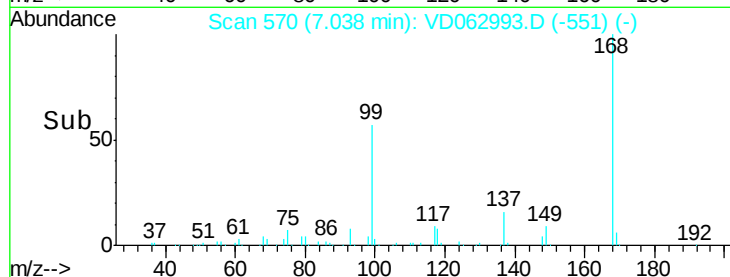
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 61.701 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062993.D

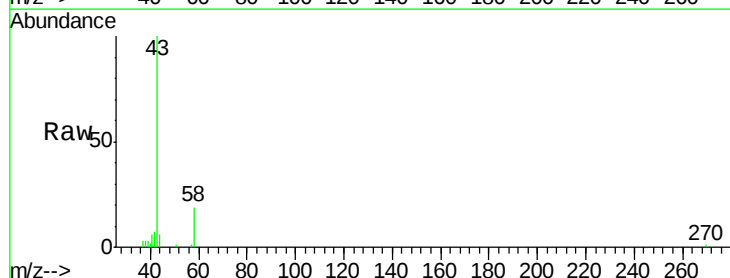
Acq: 1 Jul 2019 16:36

Tgt Ion: 43 Resp: 140532

Ion Ratio Lower Upper

43 100

58 18.9 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

50000

40000

30000

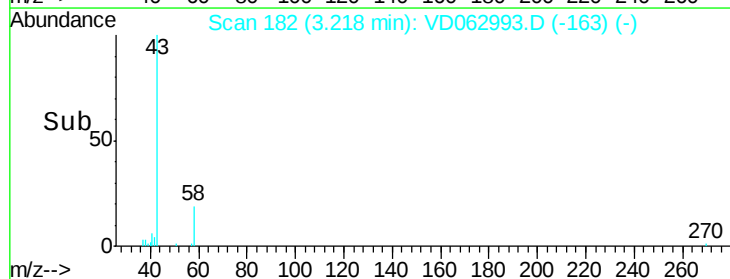
20000

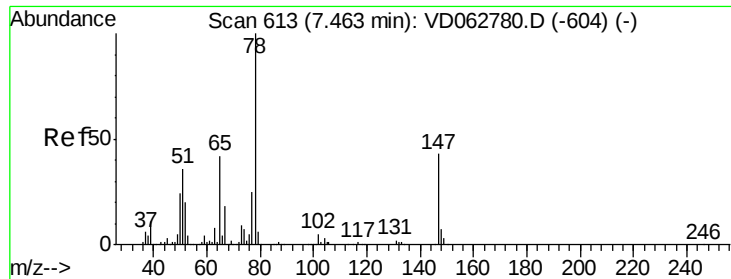
10000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 54.364 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

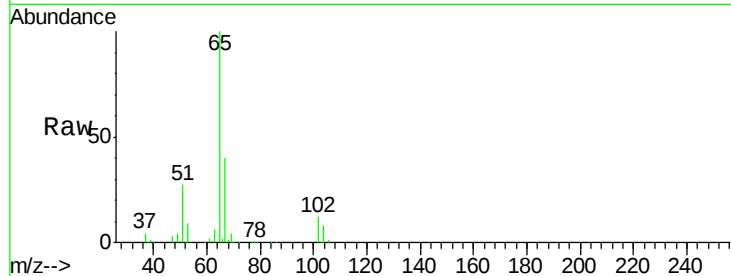
S-1-17-17.5-BGS

Tot Ion: 65 Resp: 562550

Ion Ratio Lower Upper

65 100

67 39.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

250000

200000

150000

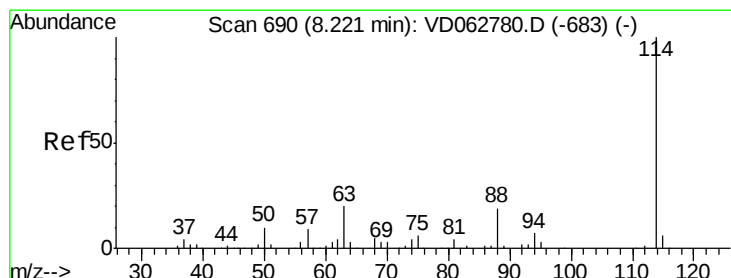
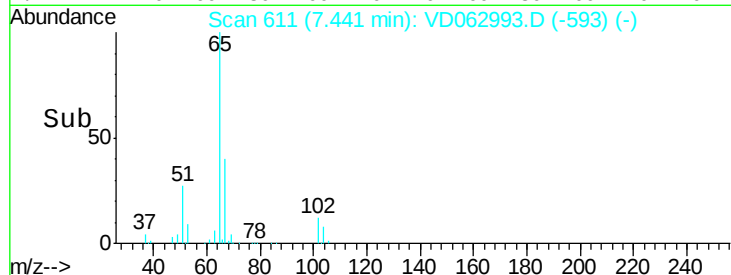
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

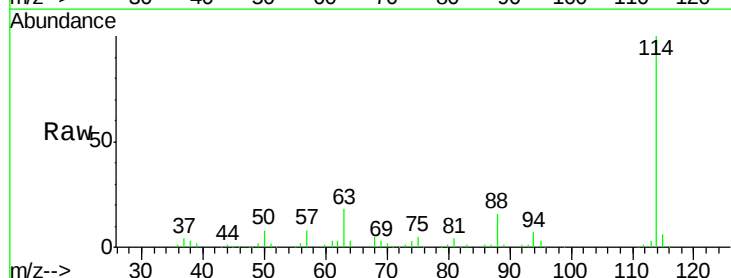
Tgt Ion: 114 Resp: 1310308

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 16.4 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

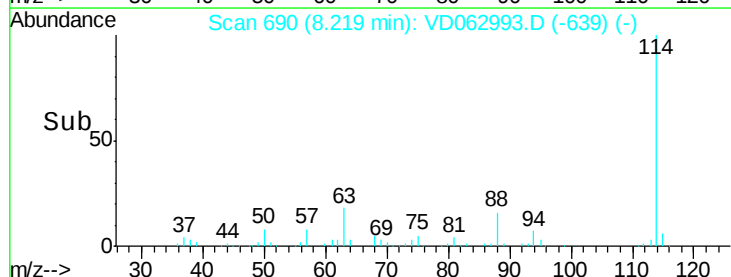
400000

200000

0

Time-->

8.10 8.20 8.30 8.40 8.50





#35

Dibromofluoromethane

Concen: 54.623 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

S-1-17-17.5-BGS

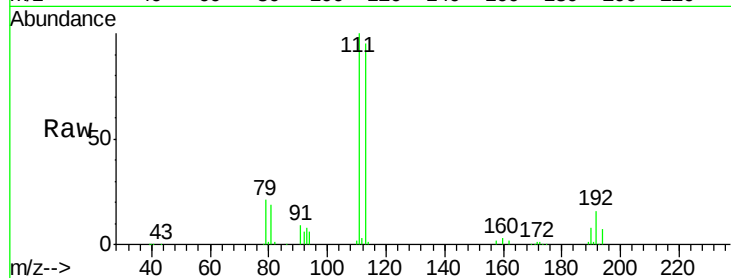
Tot Ion:113 Resp: 603495

Ion Ratio Lower Upper

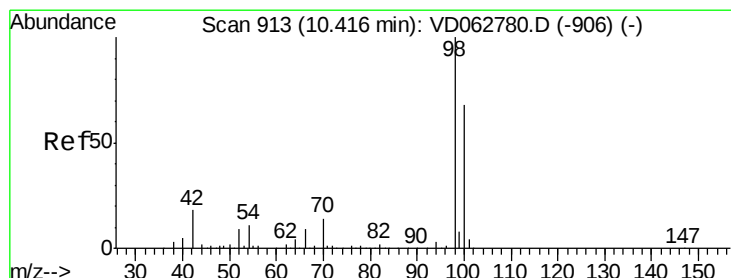
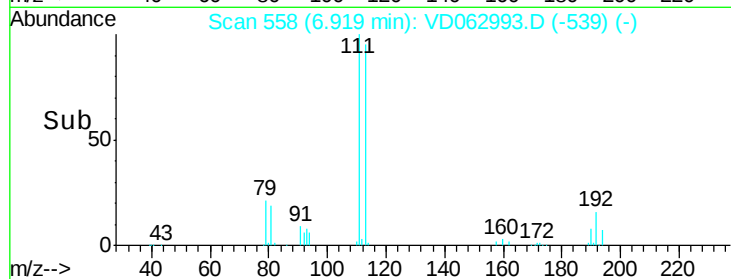
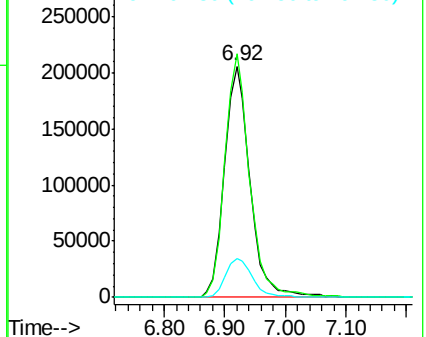
113 100

111 105.2 81.2 121.8

192 16.7 12.9 19.3



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: 56.059 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062993.D

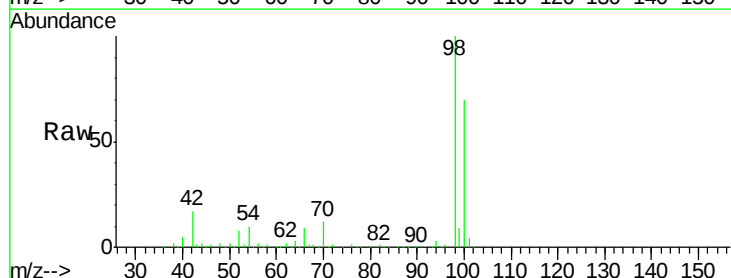
Acq: 1 Jul 2019 16:36

Tgt Ion: 98 Resp: 1348035

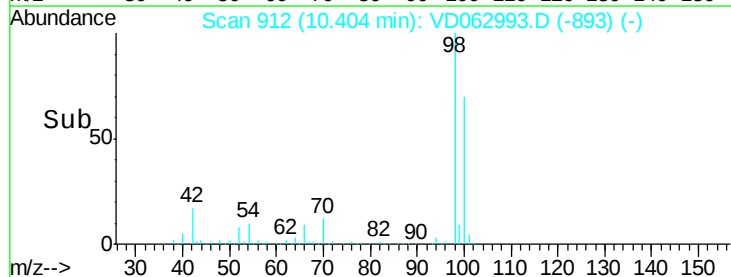
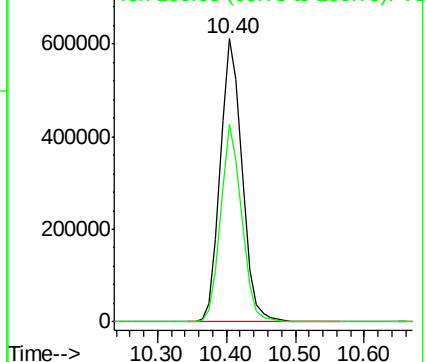
Ion Ratio Lower Upper

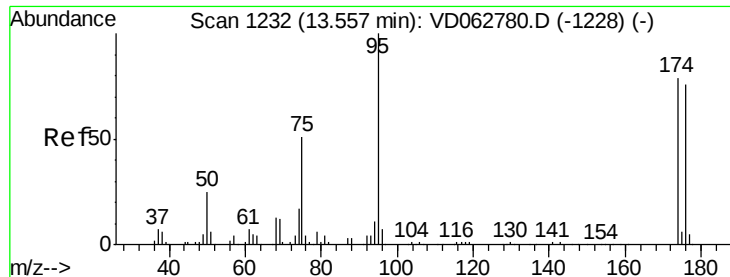
98 100

100 69.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 50.453 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

S-1-17-17.5-BGS

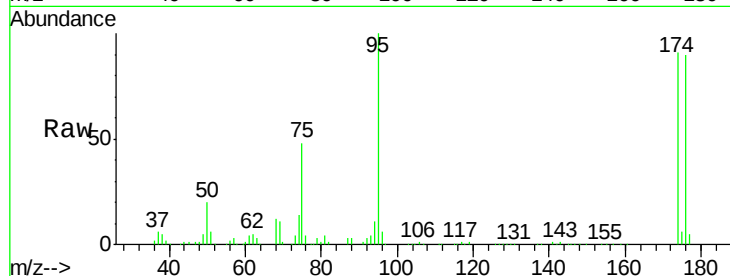
Tot Ion: 95 Resp: 551665

Ion Ratio Lower Upper

95 100

174 91.0 0.0 158.0

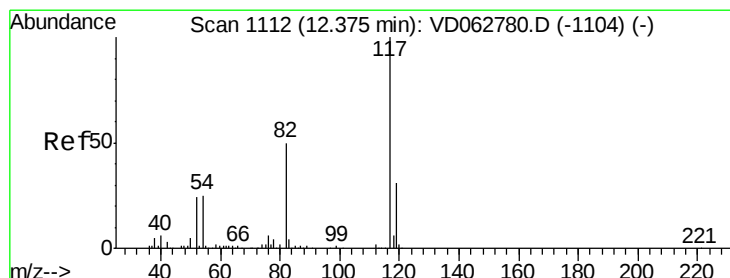
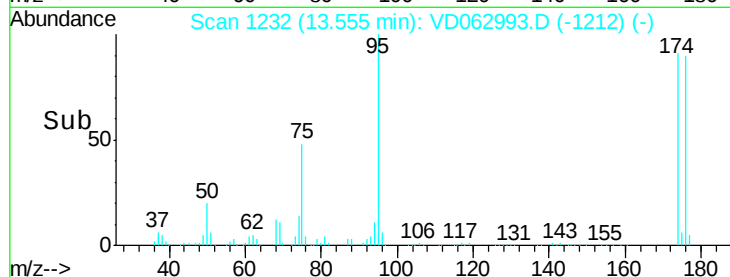
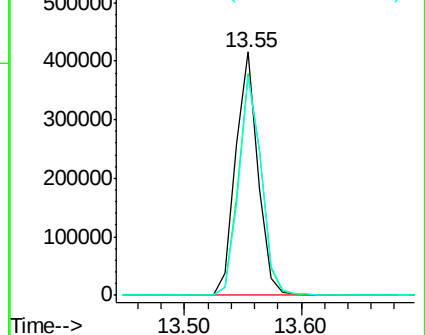
176 90.3 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

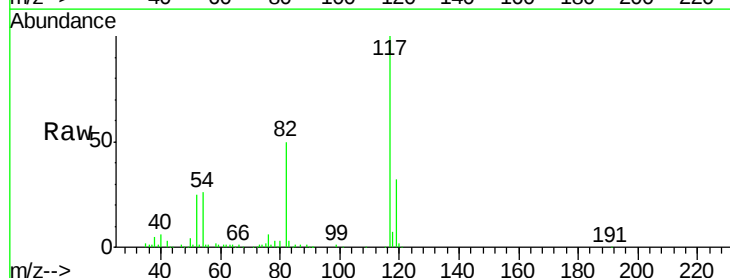
Tgt Ion: 117 Resp: 1000127

Ion Ratio Lower Upper

117 100

82 49.8 40.4 60.6

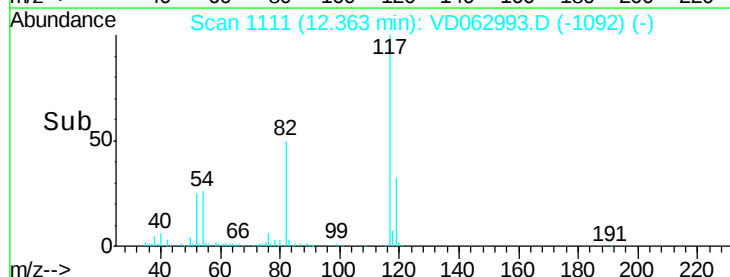
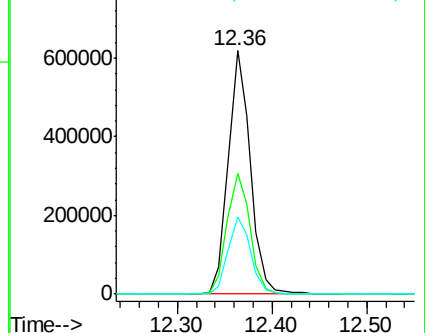
119 31.9 25.2 37.8

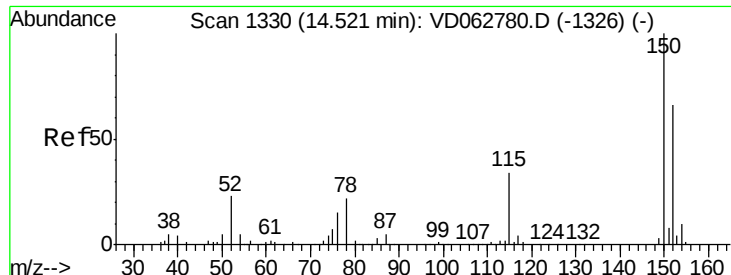


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min

Lab File: VD062993.D

Acq: 1 Jul 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

S-1-17-17.5-BGS

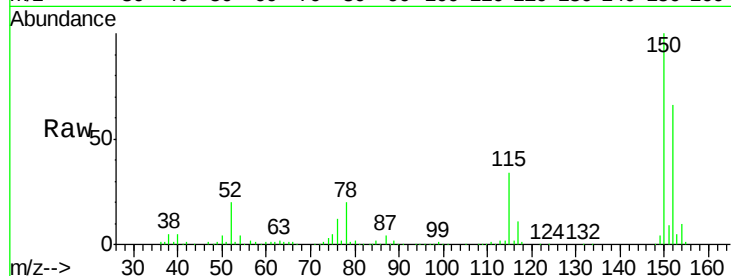
Tot Ion:152 Resp: 494947

Ion Ratio Lower Upper

152 100

115 51.9 29.2 87.6

150 152.5 0.0 305.8



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

