

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062762.D
 Acq On : 18 Jun 2019 20:57
 Operator : VA/AP
 Sample : K3154-13RE
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-GRE

Quant Time: Jun 19 06:54:04 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

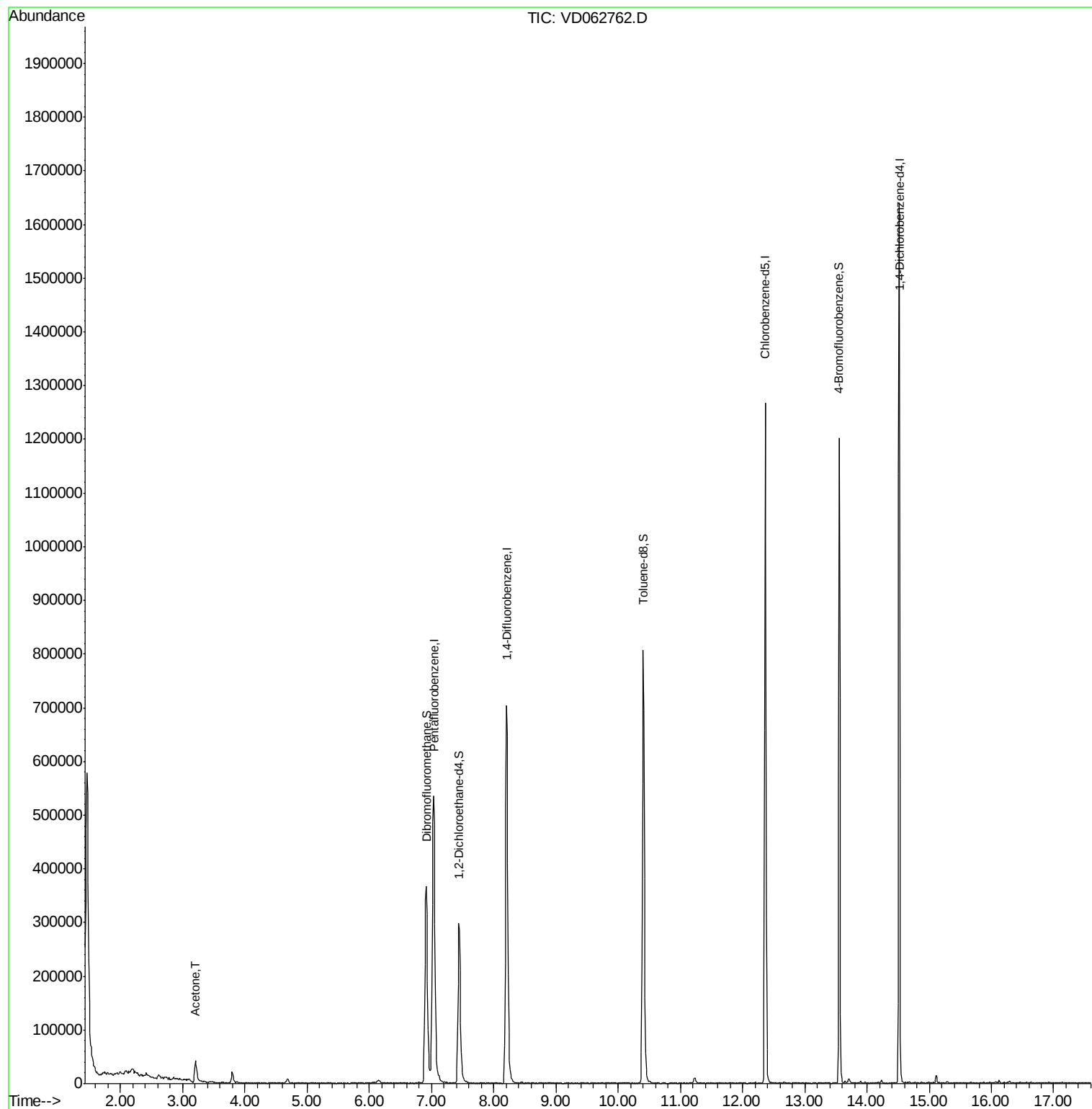
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	510716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	708932	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	644282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	343031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	354729	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	6.92	113	317485	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
50) Toluene-d8	10.40	98	618417	39.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.64%	
62) 4-Bromofluorobenzene	13.55	95	301395	41.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
16) Acetone	3.21	43	78281	58.008	ug/l	Qvalue 95

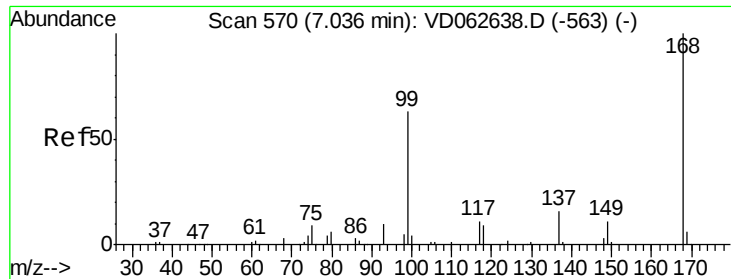
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062762.D

Acq: 18 Jun 2019 20:57

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MSVOA_D

ClientSampleId :

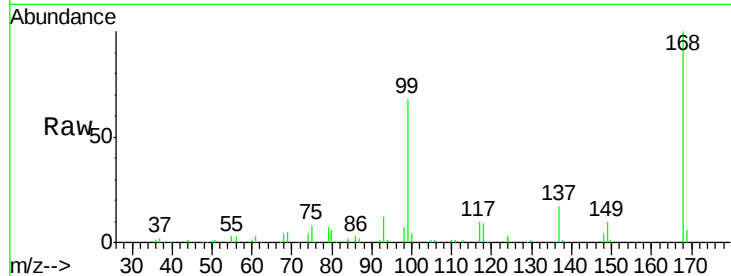
JC-02-061419-GRE

Tot Ion:168 Resp: 510716

Ion Ratio Lower Upper

168 100

99 67.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

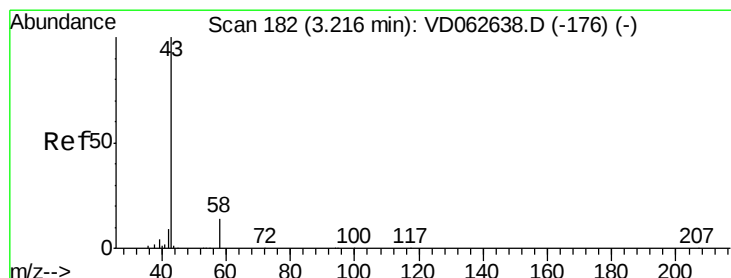
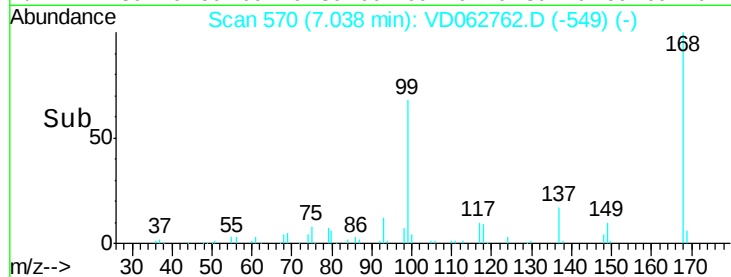
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 58.008 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062762.D

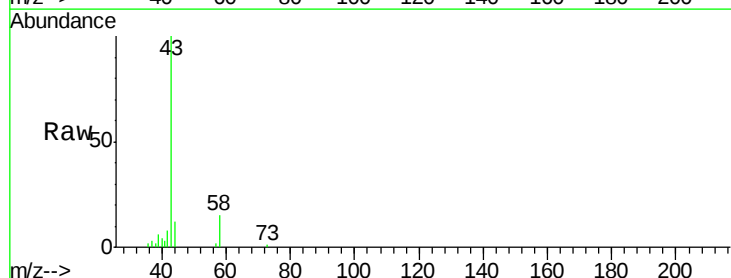
Acq: 18 Jun 2019 20:57

Tgt Ion: 43 Resp: 78281

Ion Ratio Lower Upper

43 100

58 15.4 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

30000

25000

20000

15000

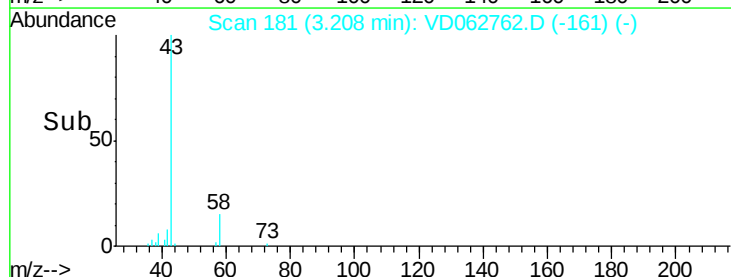
10000

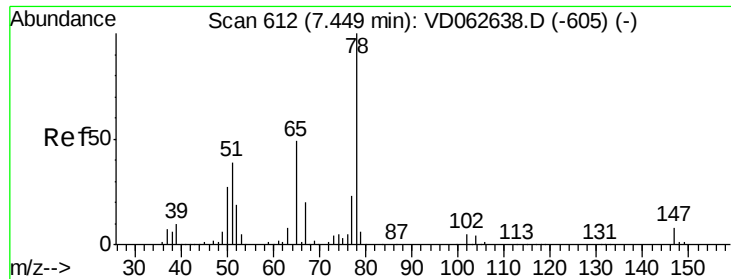
5000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 48.134 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062762.D

Acq: 18 Jun 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

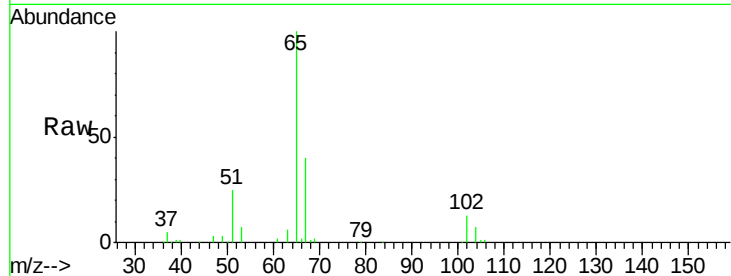
JC-02-061419-GRE

Tot Ion: 65 Resp: 354729

Ion Ratio Lower Upper

65 100

67 40.2 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

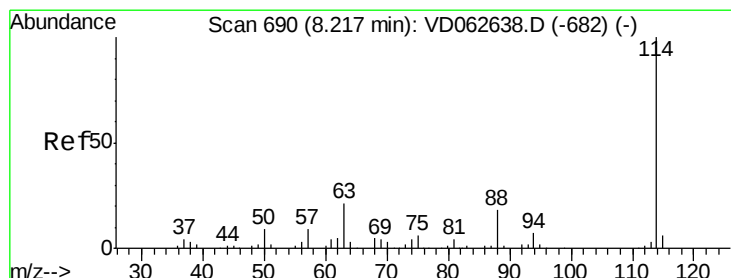
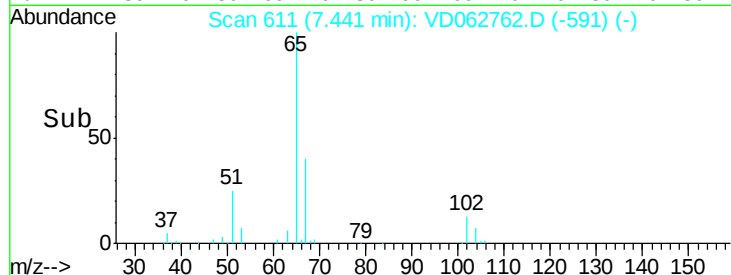
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062762.D

Acq: 18 Jun 2019 20:57

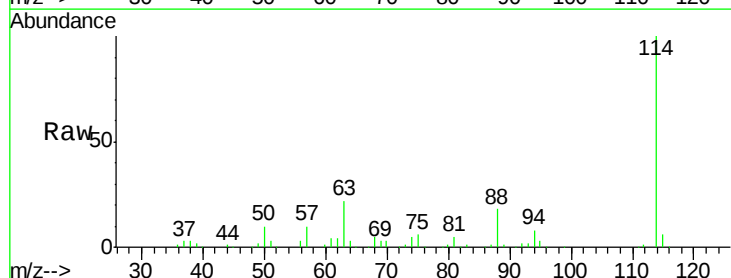
Tgt Ion: 114 Resp: 708932

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.4

88 17.6 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

8.21

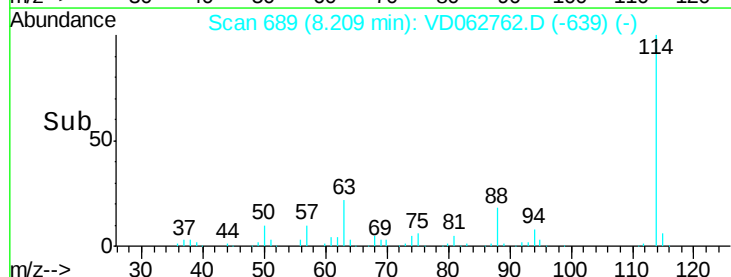
300000

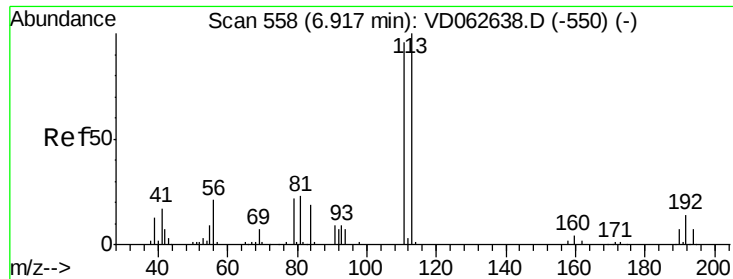
200000

100000

0

Time-->

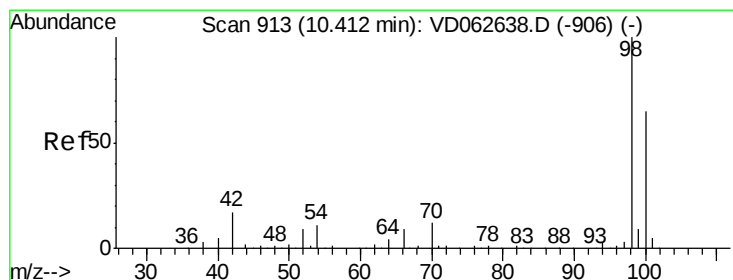
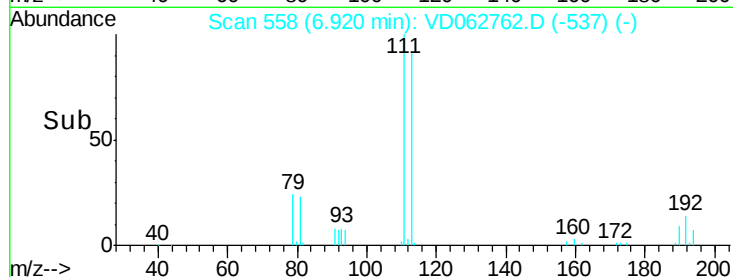
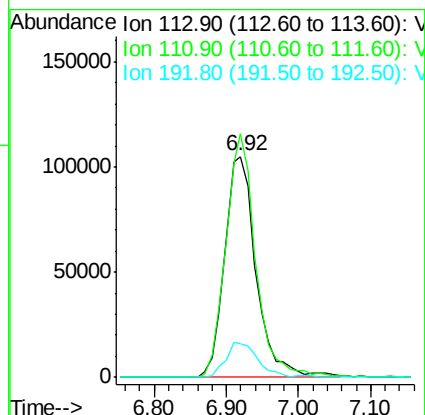
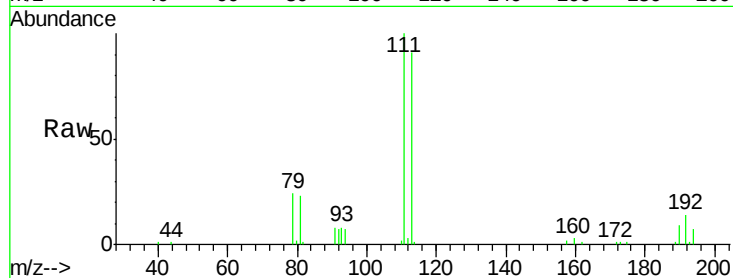




#35
 Dibromofluoromethane
 Concen: 42.464 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD062762.D
 Acq: 18 Jun 2019 20:57

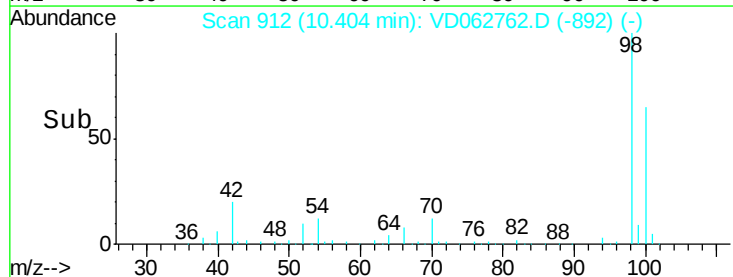
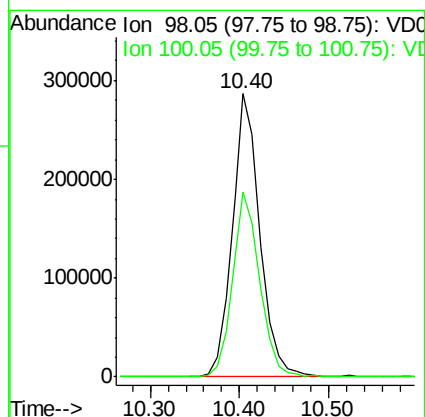
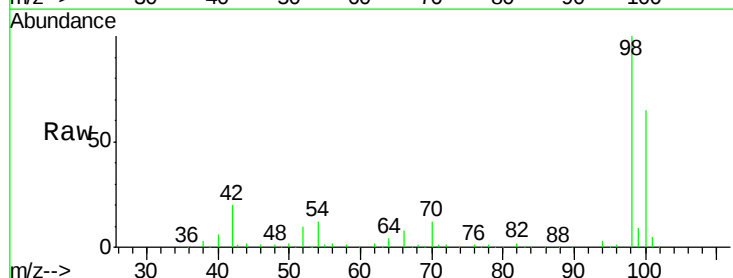
Instrument :
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 ClientSampleId :
 JC-02-061419-GRE

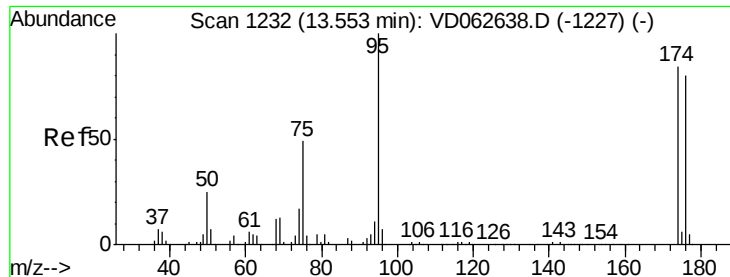
Tot Ion:113 Resp: 317485
 Ion Ratio Lower Upper
 113 100
 111 110.3 76.4 114.6
 192 15.1 11.4 17.0



#50
 Toluene-d8
 Concen: 39.319 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD062762.D
 Acq: 18 Jun 2019 20:57

Tgt Ion: 98 Resp: 618417
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 41.075 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062762.D

Acq: 18 Jun 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-GRE

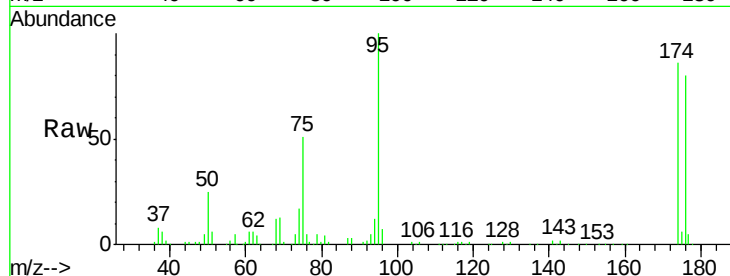
Tot Ion: 95 Resp: 301395

Ion Ratio Lower Upper

95 100

174 85.5 0.0 167.0

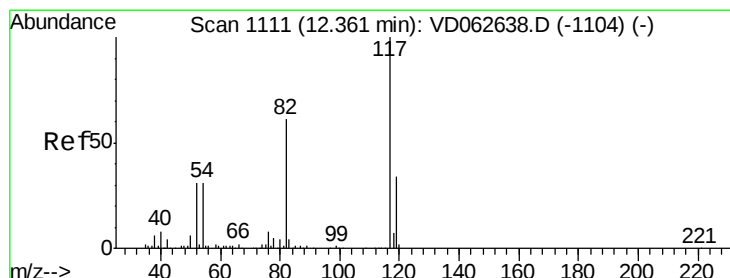
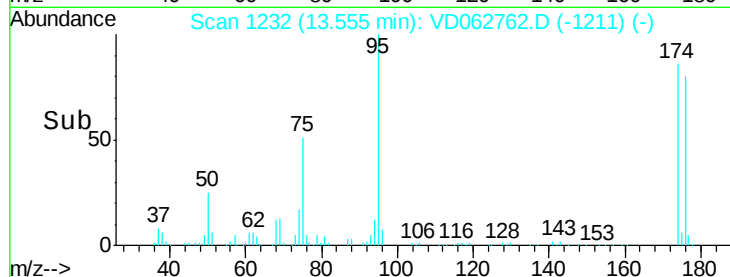
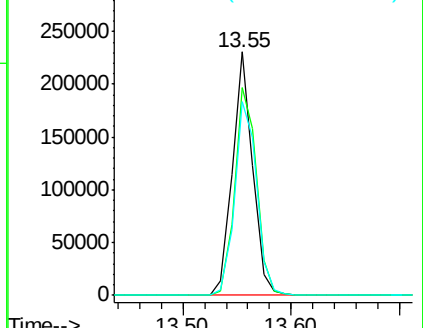
176 79.8 0.0 159.2



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. 0.00 min

Lab File: VD062762.D

Acq: 18 Jun 2019 20:57

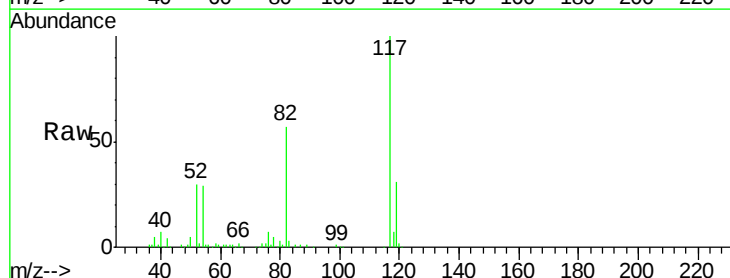
Tgt Ion: 117 Resp: 644282

Ion Ratio Lower Upper

117 100

82 56.8 48.7 73.1

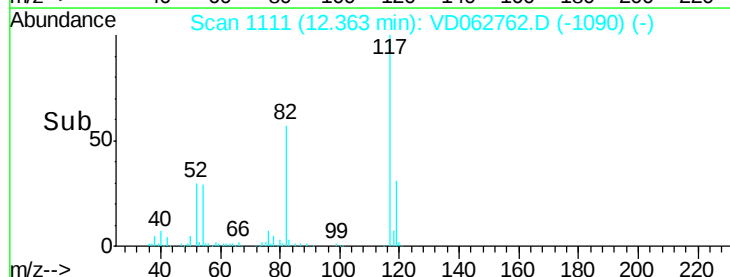
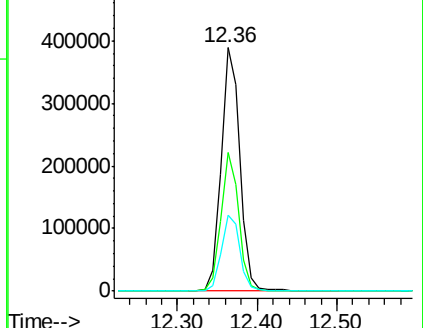
119 31.1 27.0 40.6

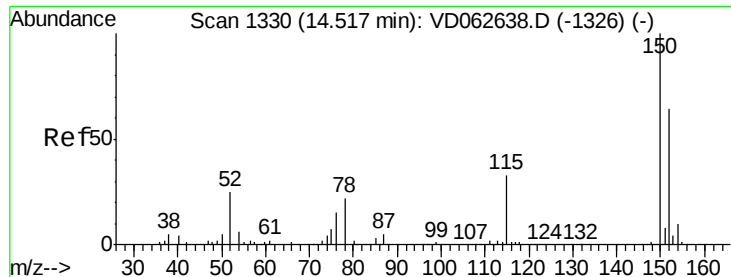


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

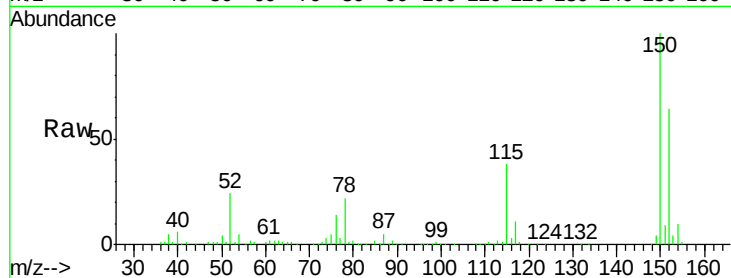




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062762.D
 Acq: 18 Jun 2019 20:57

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-GRE

Tot Ion:152 Resp: 343031
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.1 90.5
 150 155.5 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

