

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062758.D
 Acq On : 18 Jun 2019 19:09
 Operator : VA/AP
 Sample : K3154-03RE
 Misc : 5.46g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 19 06:45:48 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

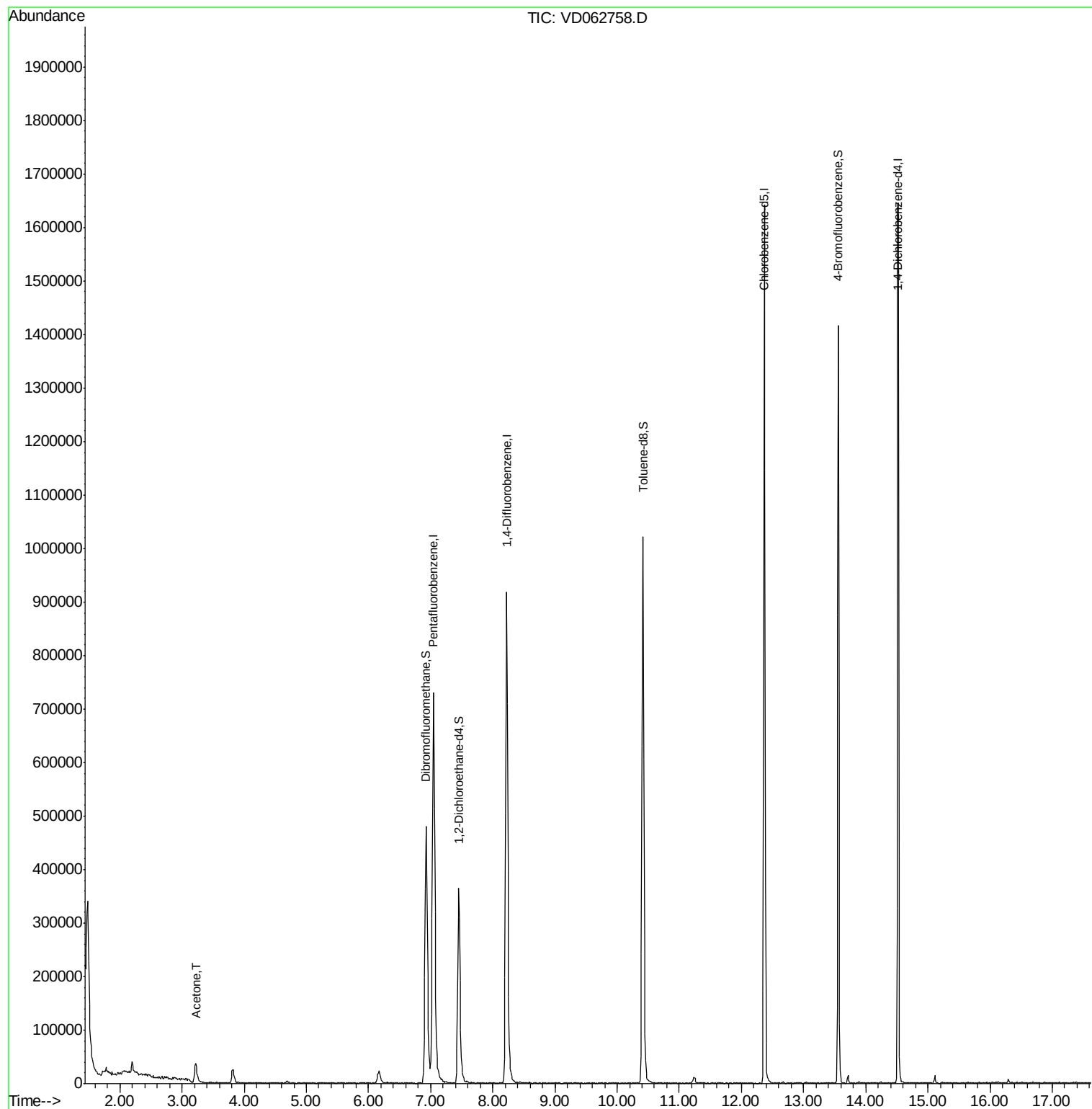
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	695247	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	950261	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	781606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	390154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	435161	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
35) Dibromofluoromethane	6.92	113	431003	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
50) Toluene-d8	10.42	98	830627	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.80%	
62) 4-Bromofluorobenzene	13.56	95	367852	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
Target Compounds						
16) Acetone	3.22	43	71831	39.101	ug/l #	Qvalue 80

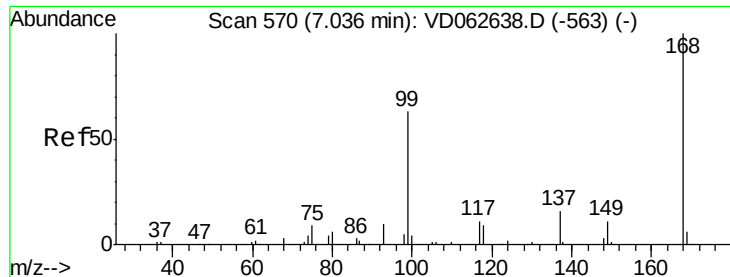
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062758.D

Acq: 18 Jun 2019 19:09

Instrument :

MSVOA_D

ClientSampleId :

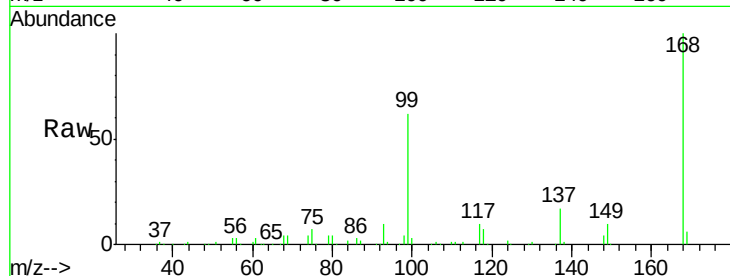
JC-02-061419-BRE

Tot Ion:168 Resp: 695247

Ion Ratio Lower Upper

168 100

99 61.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

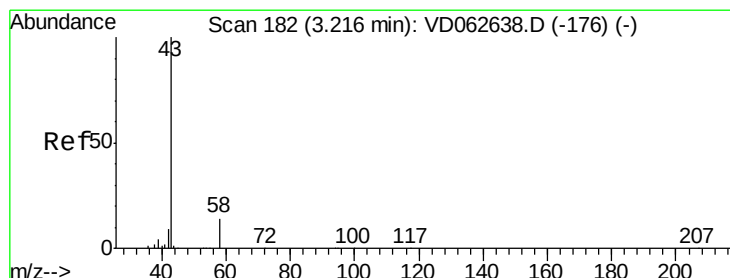
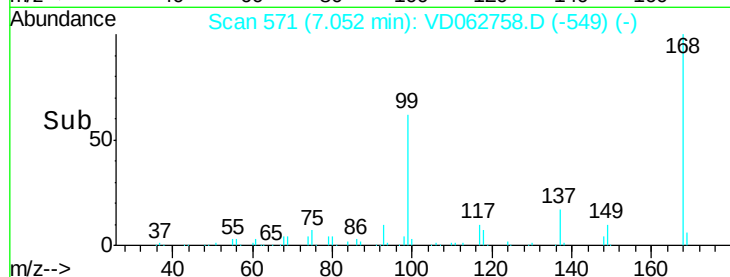
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 39.101 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD062758.D

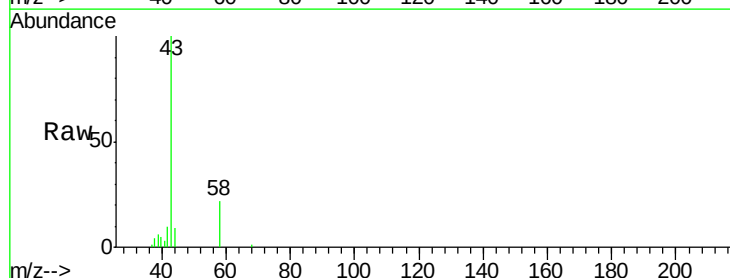
Acq: 18 Jun 2019 19:09

Tgt Ion: 43 Resp: 71831

Ion Ratio Lower Upper

43 100

58 21.5 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

25000

20000

15000

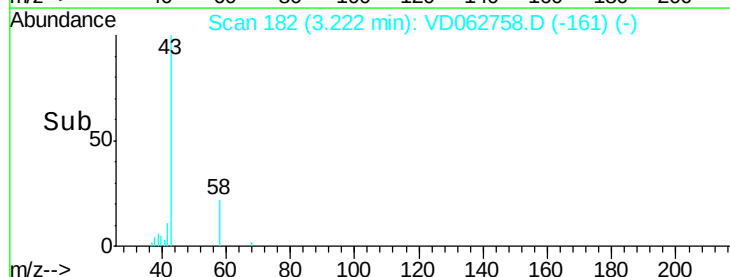
10000

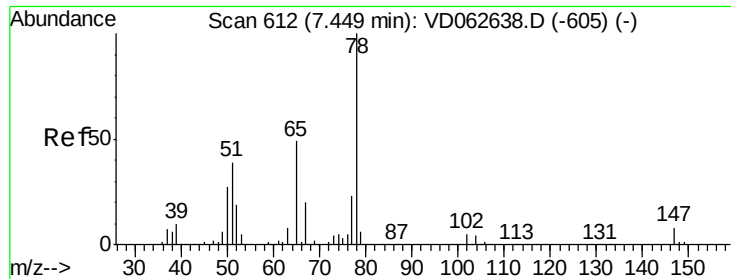
5000

0

3.10 3.20 3.30

Time-->

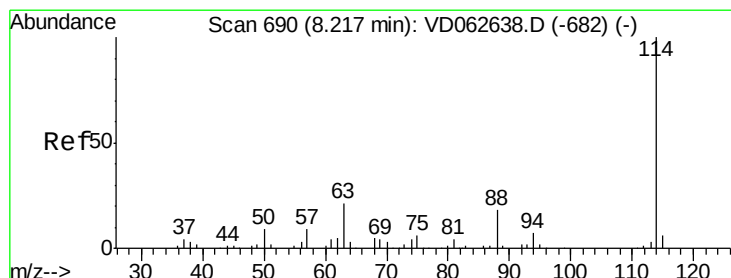
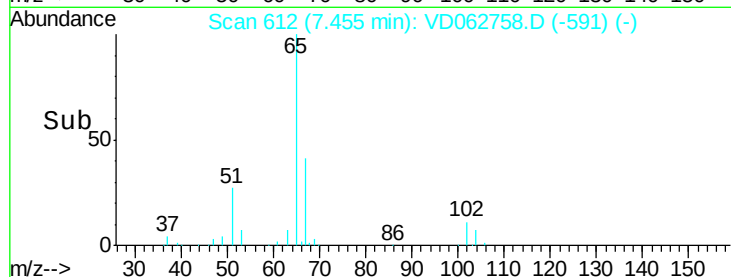
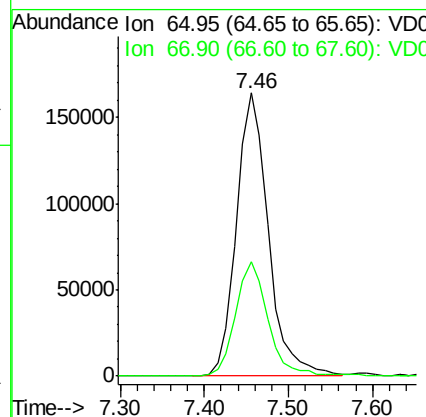
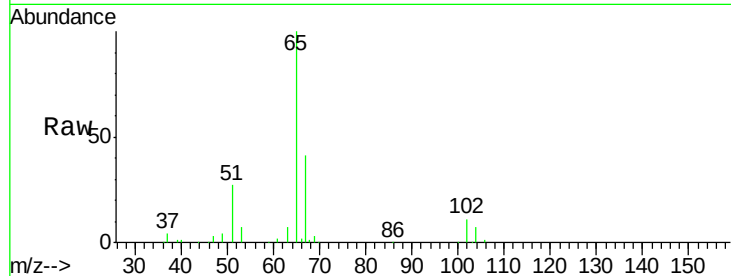




#33
 1,2-Dichloroethane-d4
 Concen: 43.376 ug/l
 RT: 7.46 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD062758.D
 Acq: 18 Jun 2019 19:09

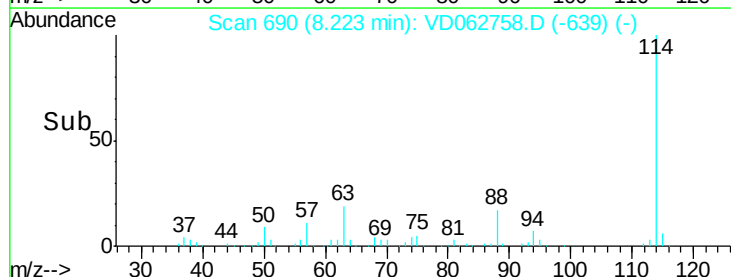
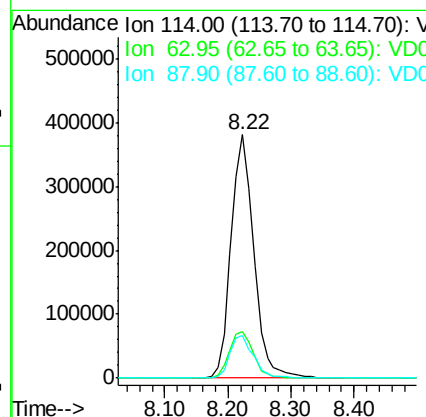
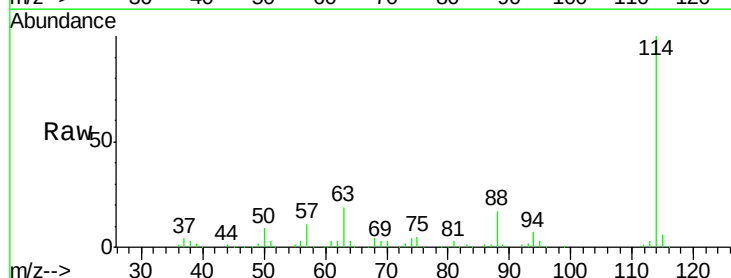
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-BRE

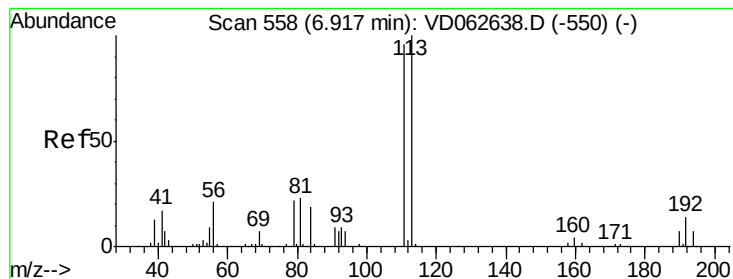
Tot Ion: 65 Resp: 435161
 Ion Ratio Lower Upper
 65 100
 67 40.6 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD062758.D
 Acq: 18 Jun 2019 19:09

Tgt Ion: 114 Resp: 950261
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 17.5 0.0 36.8





#35

Dibromofluoromethane

Concen: 43.007 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD062758.D

Acq: 18 Jun 2019 19:09

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-BRE

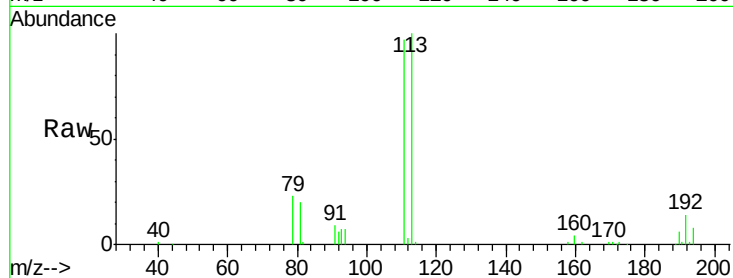
Tot Ion:113 Resp: 431003

Ion Ratio Lower Upper

113 100

111 97.5 76.4 114.6

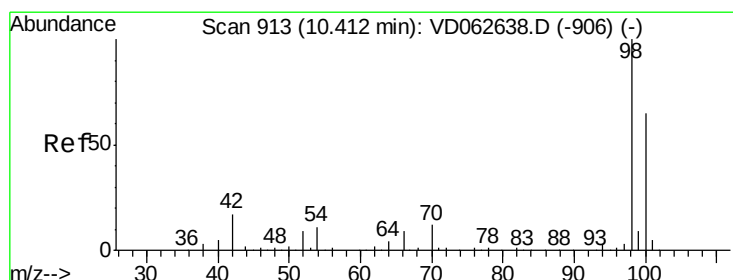
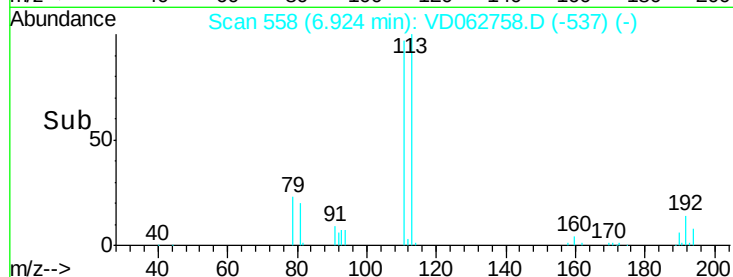
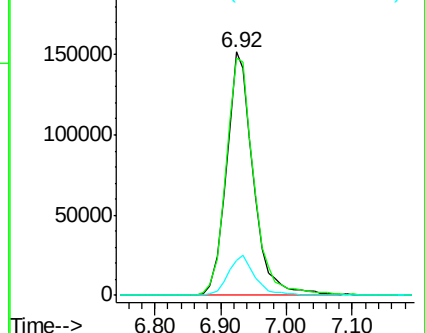
192 14.4 11.4 17.0



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: 39.399 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062758.D

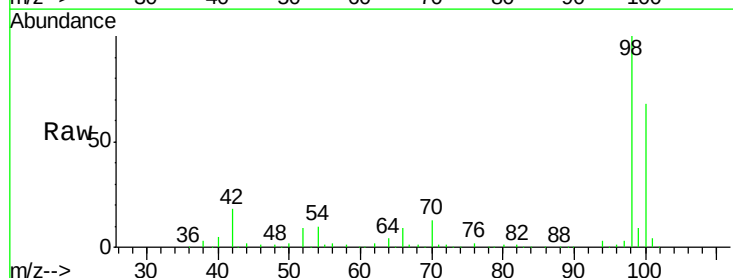
Acq: 18 Jun 2019 19:09

Tgt Ion: 98 Resp: 830627

Ion Ratio Lower Upper

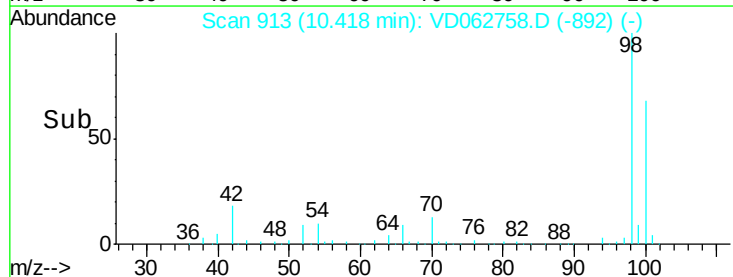
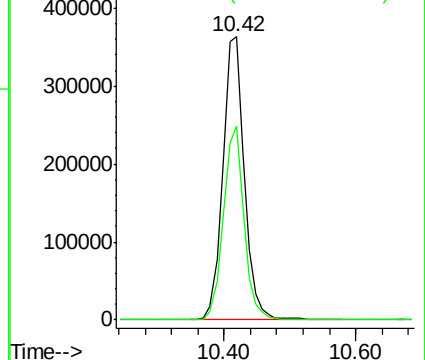
98 100

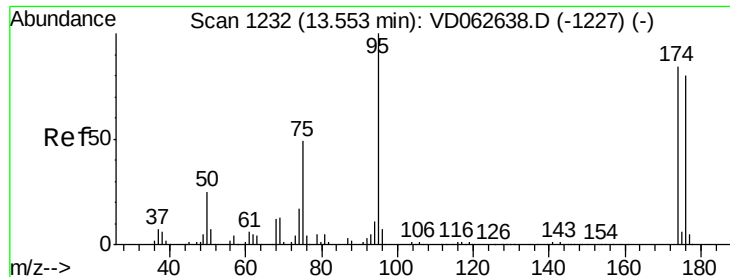
100 68.4 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 37.400 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062758.D

Acq: 18 Jun 2019 19:09

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-BRE

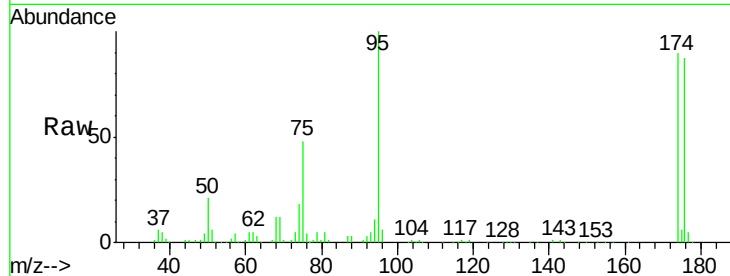
Tot Ion: 95 Resp: 367852

Ion Ratio Lower Upper

95 100

174 89.7 0.0 167.0

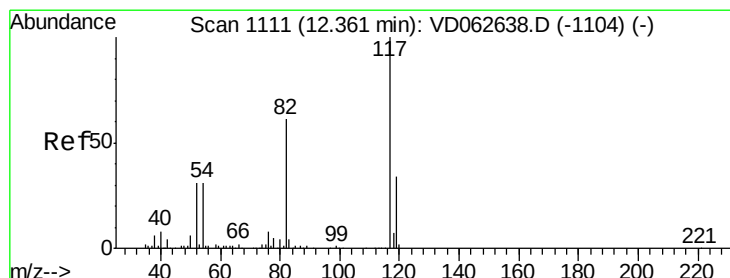
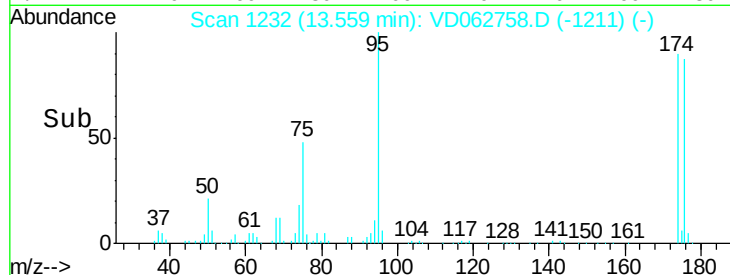
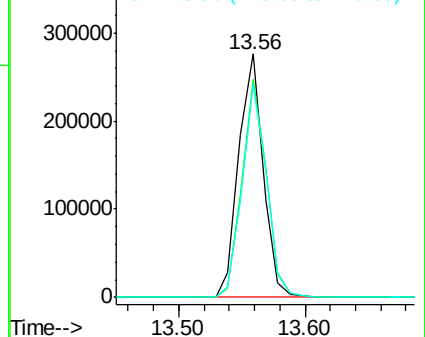
176 87.4 0.0 159.2



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: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD062758.D

Acq: 18 Jun 2019 19:09

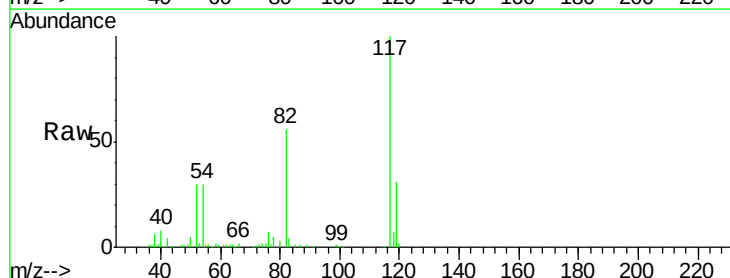
Tgt Ion: 117 Resp: 781606

Ion Ratio Lower Upper

117 100

82 56.5 48.7 73.1

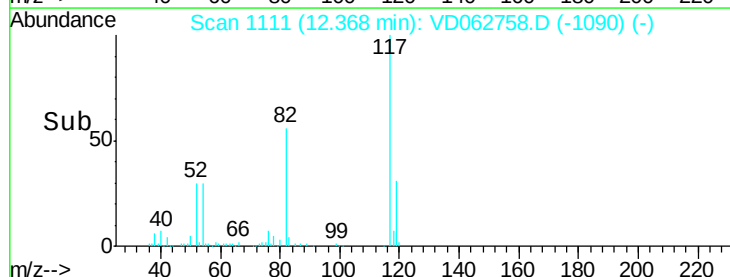
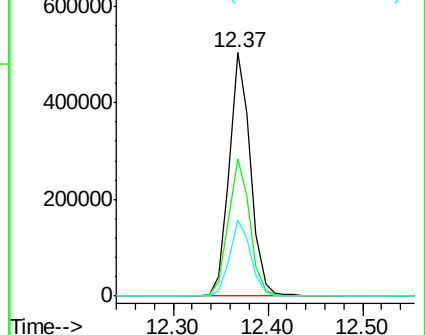
119 31.3 27.0 40.6

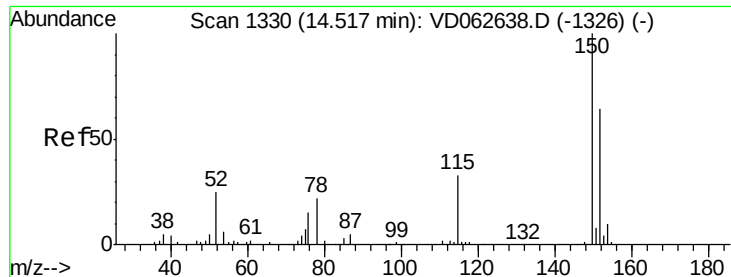


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

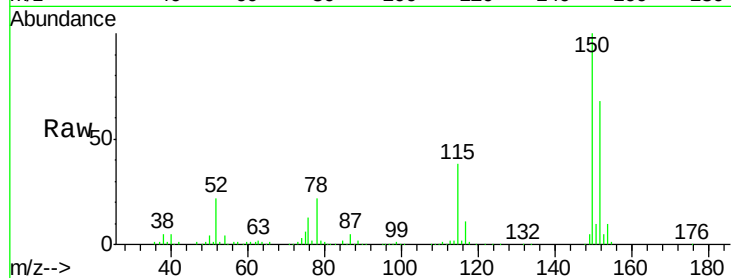




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD062758.D
 Acq: 18 Jun 2019 19:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	30.1	90.5
150	147.6	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

