

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051119\
 Data File : VD062243.D
 Acq On : 11 May 2019 17:54
 Operator : FY/SY
 Sample : K2718-14
 Misc : 6.03g/5mL/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-1218-01

Quant Time: May 11 23:16:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	645217	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	948652	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	691261	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	261338	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	344717	57.49	ug/l	0.03
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	6.92	113	413220	52.50	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.41	98	837355	44.12	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.24%	
62) 4-Bromofluorobenzene	13.56	95	290711	38.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.30%	

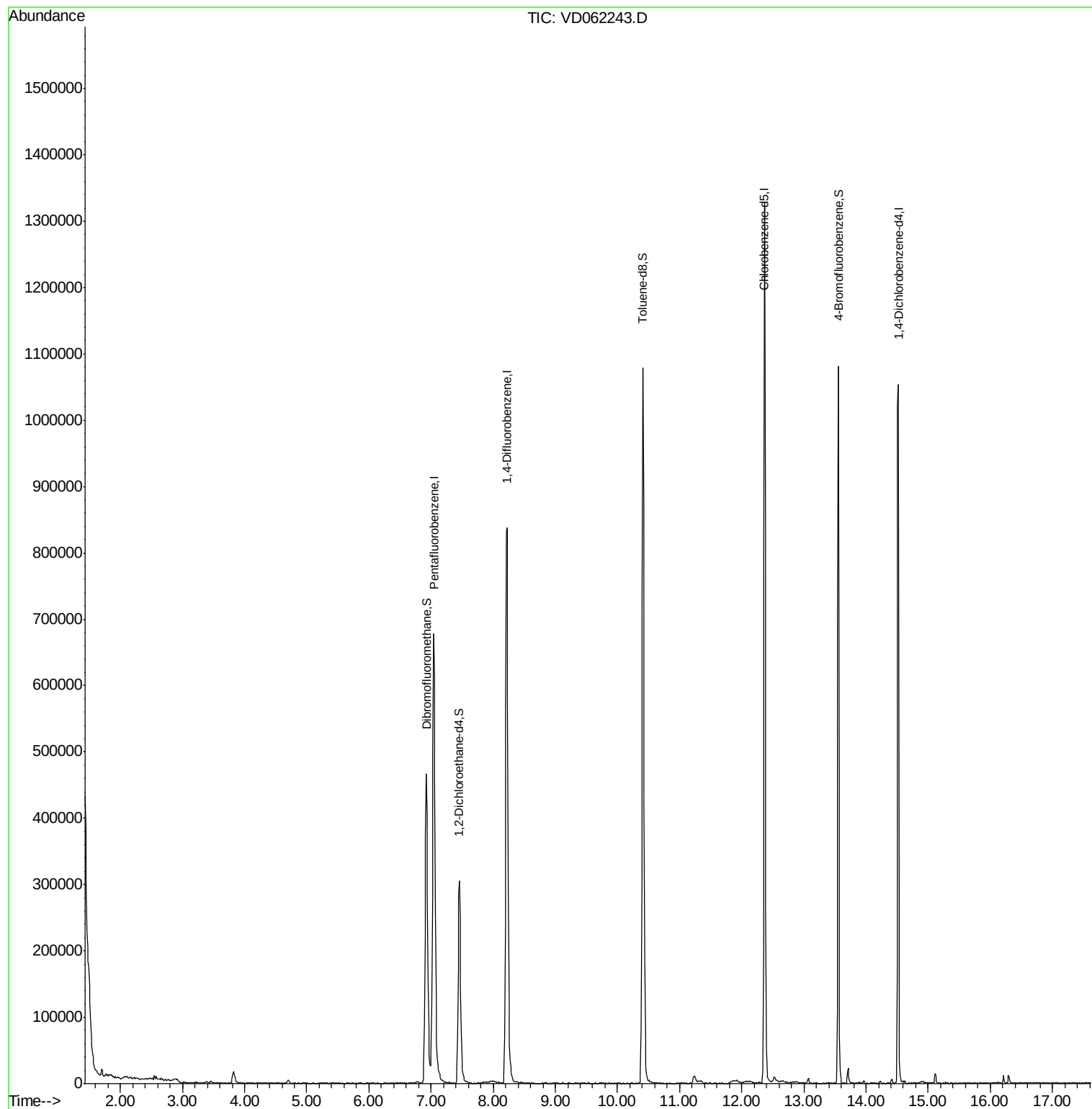
Target Compounds	Qvalue

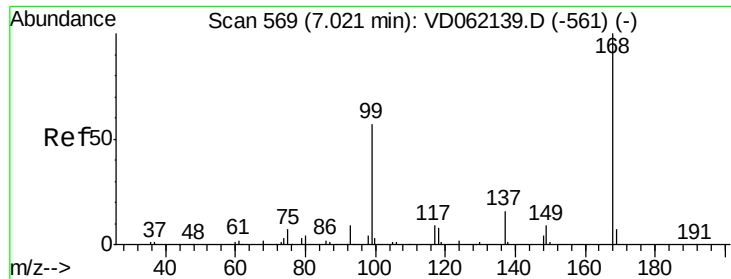
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062243.D

Acq: 11 May 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

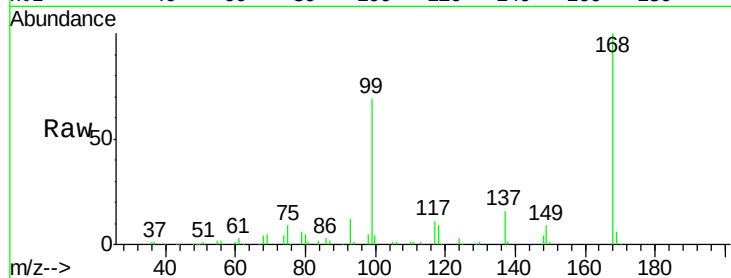
P026-SS006-1218-01

Tgt Ion:168 Resp: 645217

Ion Ratio Lower Upper

168 100

99 68.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

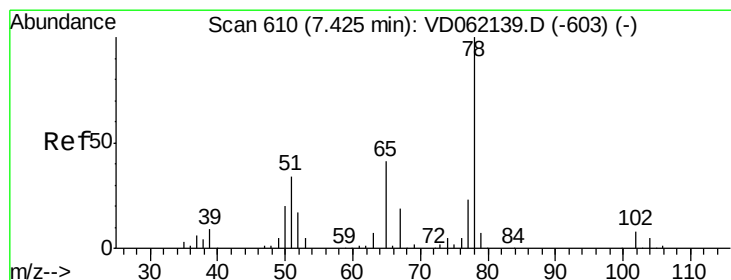
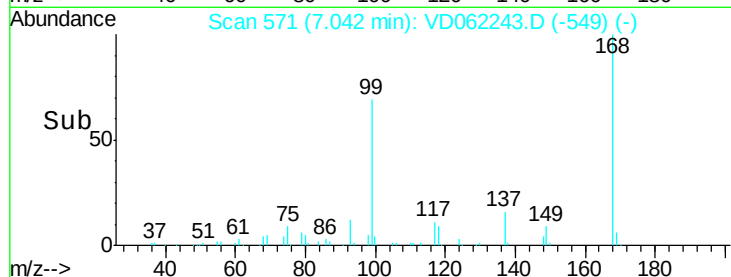
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 57.490 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062243.D

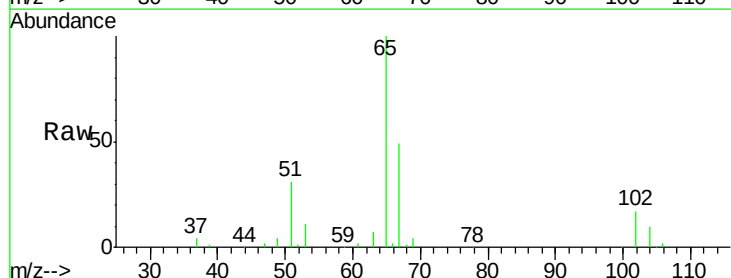
Acq: 11 May 2019 17:54

Tgt Ion: 65 Resp: 344717

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

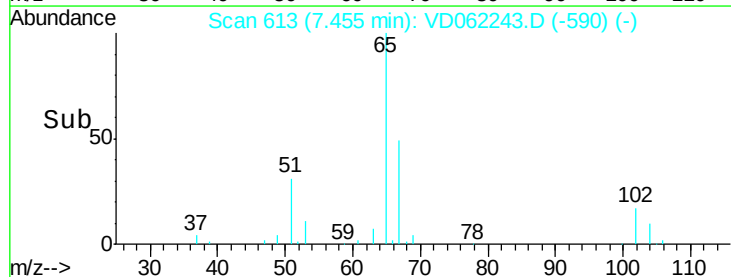
7.46

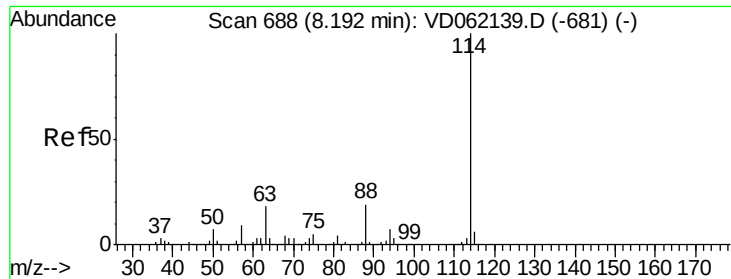
100000

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# 691

Delta R.T. 0.03 min

Lab File: VD062243.D

Acq: 11 May 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1218-01

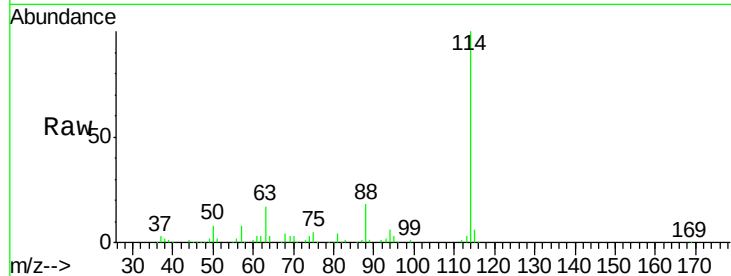
Tgt Ion:114 Resp: 948652

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.4

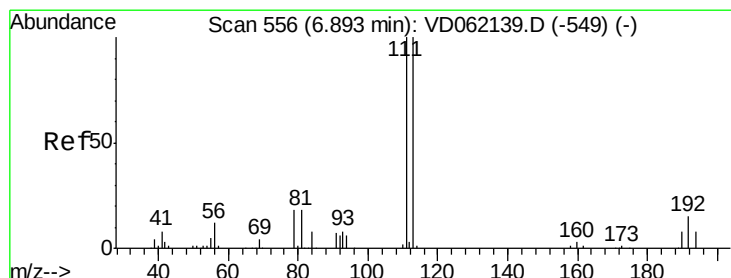
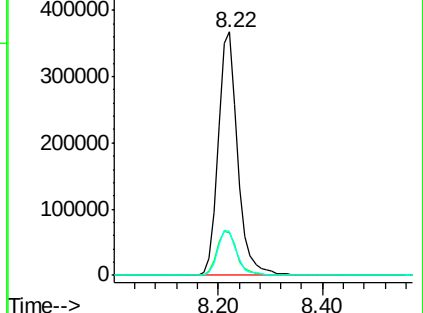
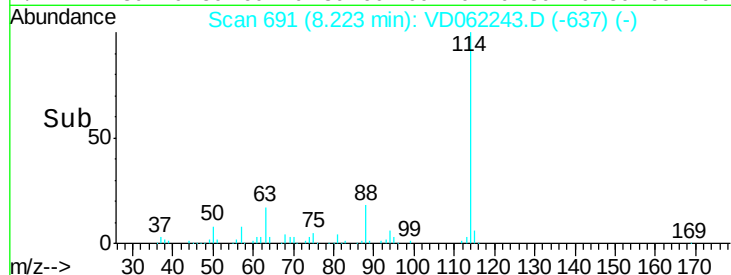
88 17.9 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.499 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062243.D

Acq: 11 May 2019 17:54

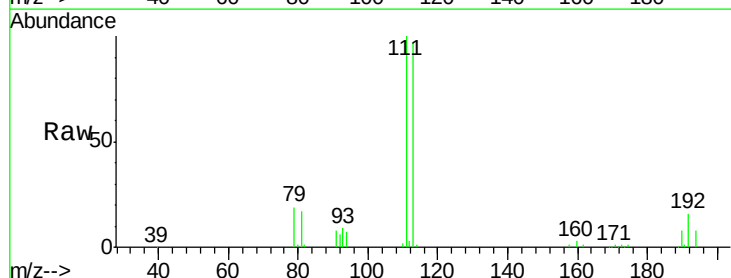
Tgt Ion:113 Resp: 413220

Ion Ratio Lower Upper

113 100

111 103.6 78.5 117.7

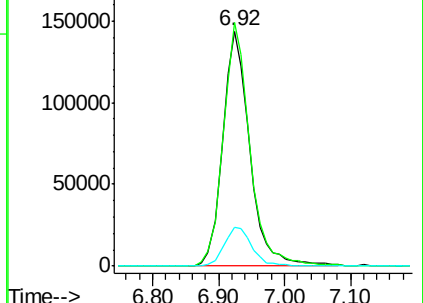
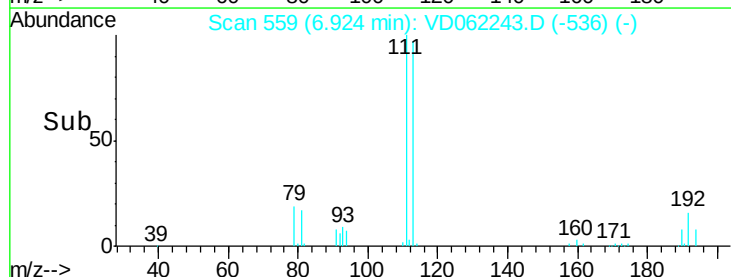
192 16.6 13.0 19.4

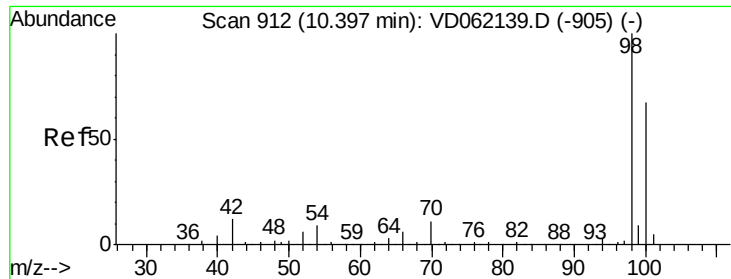


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

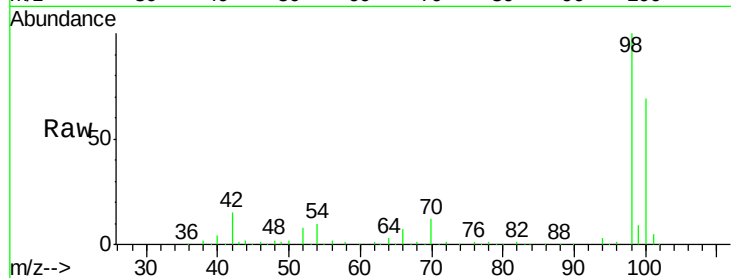




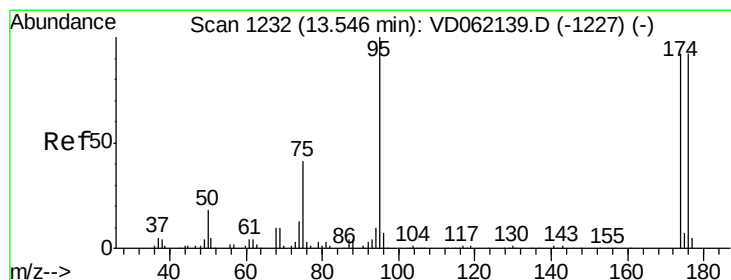
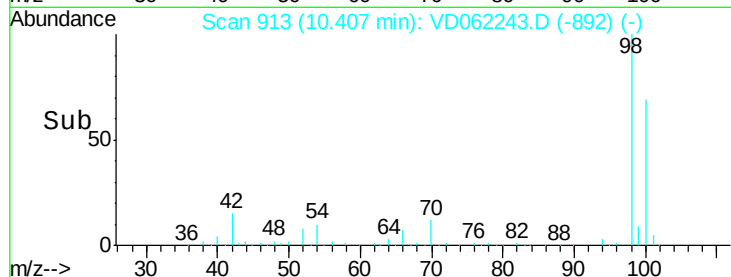
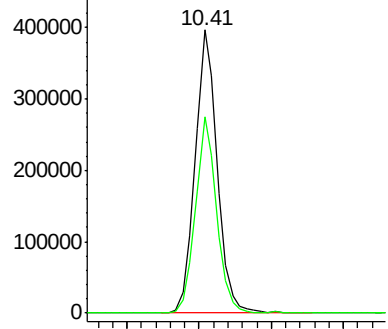
#50
Toluene-d8
Concen: 44.123 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062243.D
Acq: 11 May 2019 17:54

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-1218-01

Tgt Ion: 98 Resp: 837355
Ion Ratio Lower Upper
98 100
100 69.1 53.8 80.8

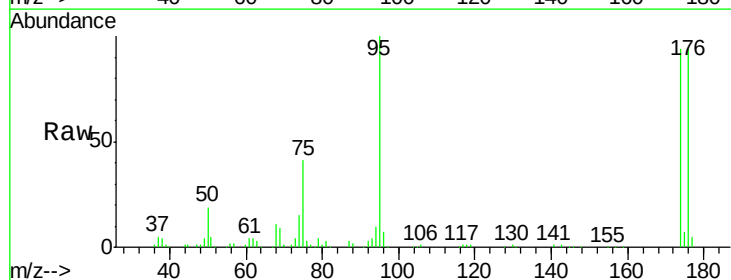


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

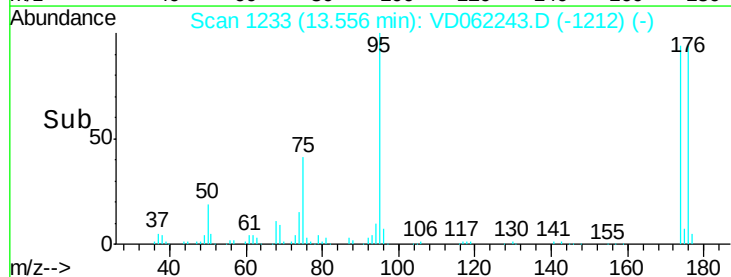
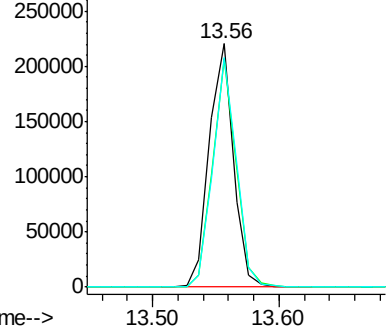


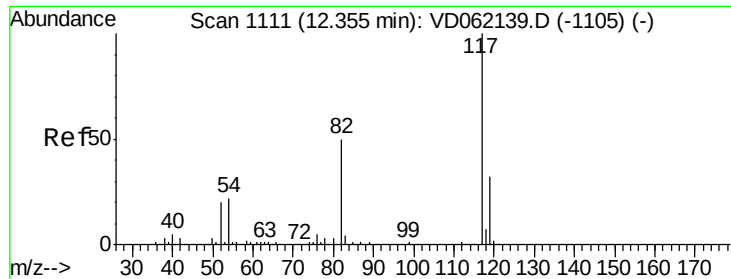
#62
4-Bromofluorobenzene
Concen: 38.147 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062243.D
Acq: 11 May 2019 17:54

Tgt Ion: 95 Resp: 290711
Ion Ratio Lower Upper
95 100
174 93.9 0.0 181.8
176 94.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062243.D

Acq: 11 May 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-1218-01

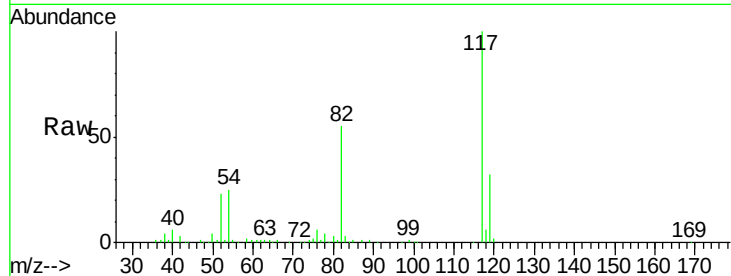
Tgt Ion:117 Resp: 691261

Ion Ratio Lower Upper

117 100

82 55.5 36.2 54.2#

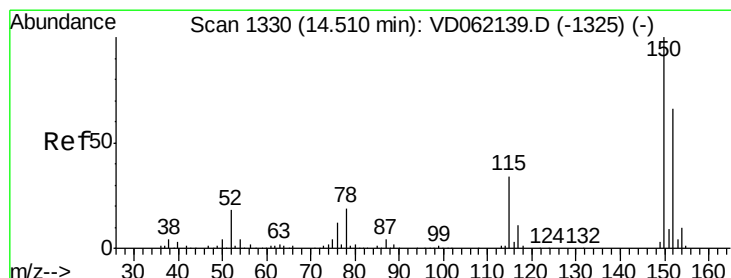
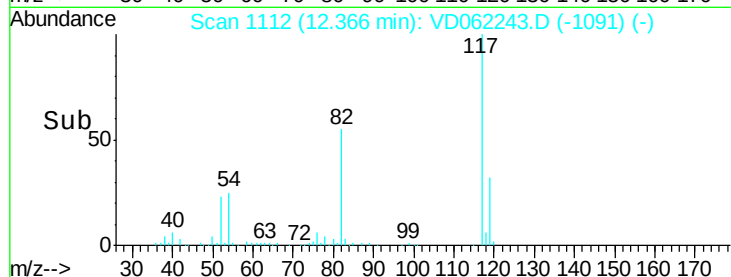
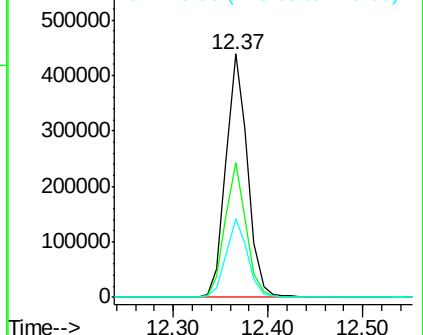
119 32.2 26.2 39.4



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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062243.D

Acq: 11 May 2019 17:54

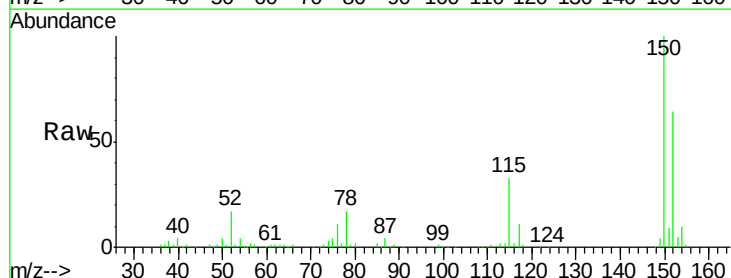
Tgt Ion:152 Resp: 261338

Ion Ratio Lower Upper

152 100

115 51.6 30.9 92.7

150 155.4 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

