

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051119\
 Data File : VD062244.D
 Acq On : 11 May 2019 18:22
 Operator : FY/SY
 Sample : K2718-15RE
 Misc : 6.14g/5mL/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-1824-01RE

Quant Time: May 11 23:18:15 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	7.05	168	582916	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	842634	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	573365	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	206901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	315281	58.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	116.40%	
35) Dibromofluoromethane	6.93	113	354753	50.74	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.41	98	732406	43.45	ug/l	0.01
Spiked Amount	50.000		Recovery	=	86.90%	
62) 4-Bromofluorobenzene	13.55	95	242404	35.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.62%	

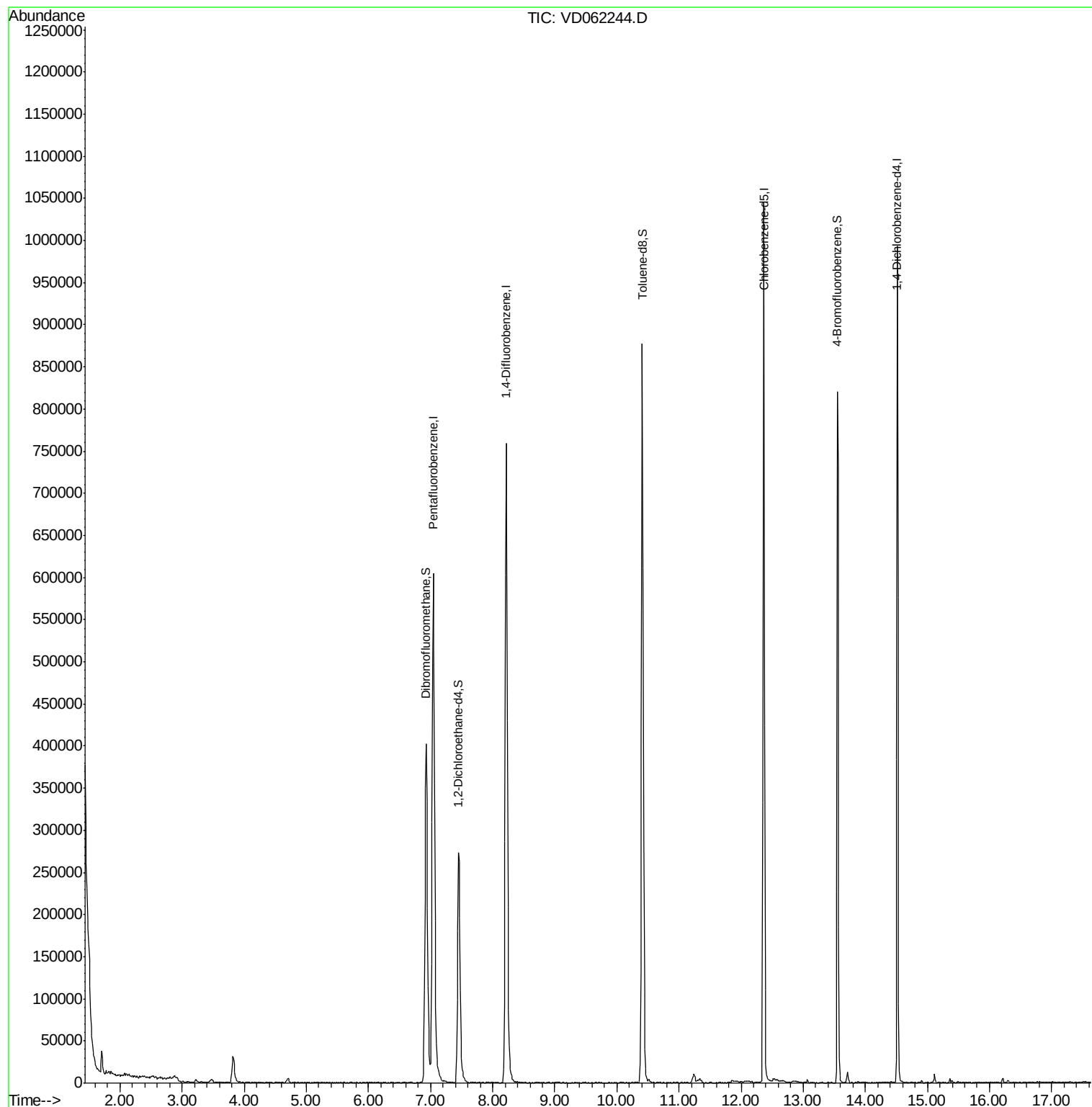
Target Compounds	Qvalue
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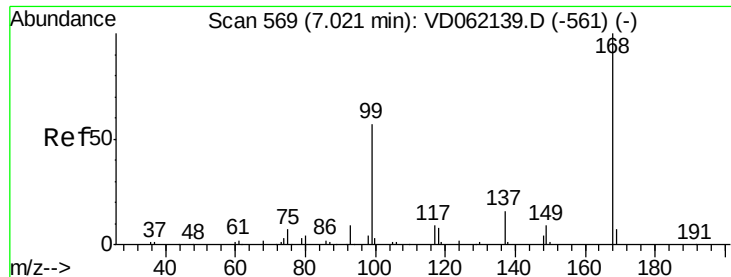
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

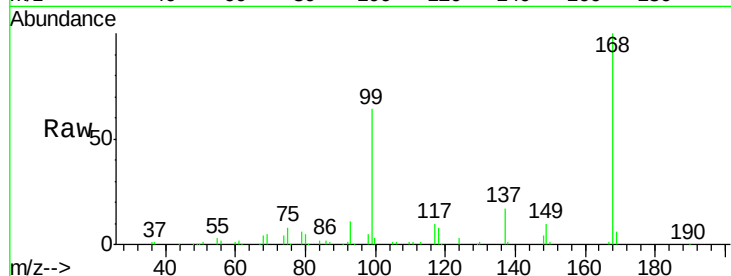
P026-SS006-1824-01RE

Tgt Ion:168 Resp: 582916

Ion Ratio Lower Upper

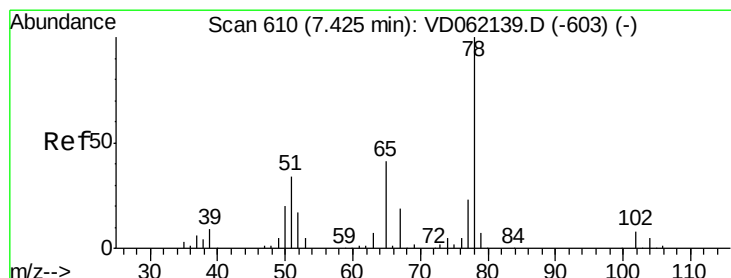
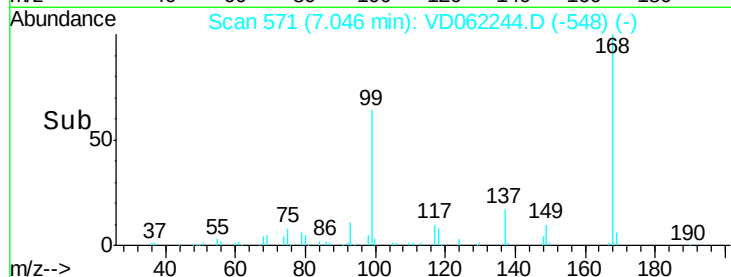
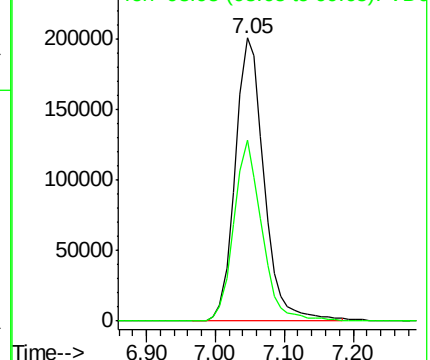
168 100

99 63.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.201 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062244.D

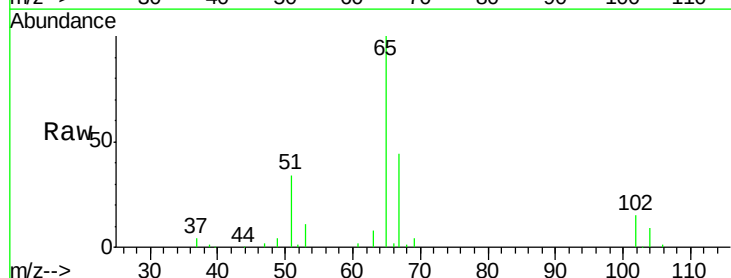
Acq: 11 May 2019 18:22

Tgt Ion: 65 Resp: 315281

Ion Ratio Lower Upper

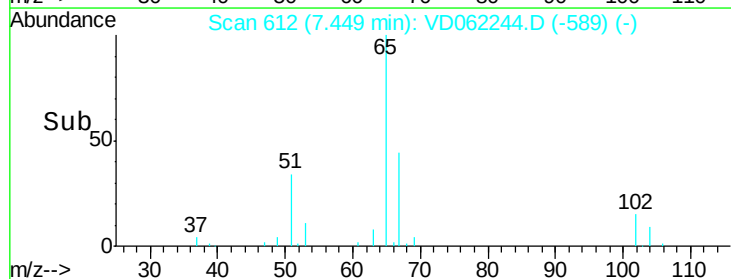
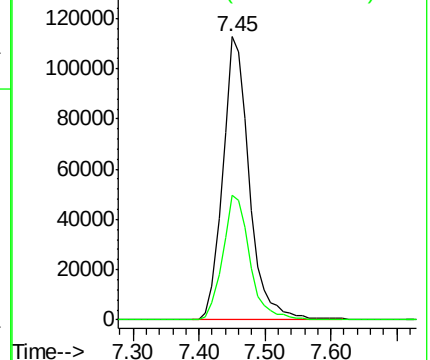
65 100

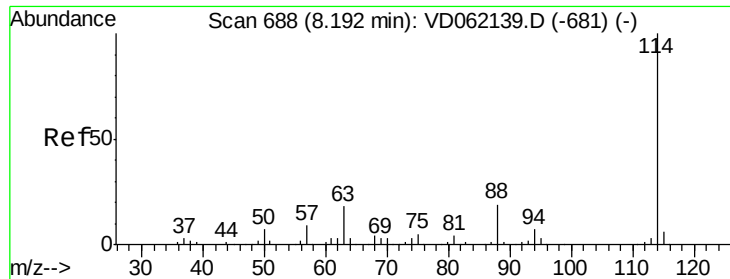
67 44.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

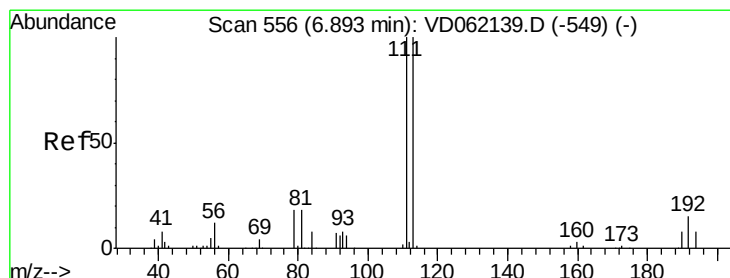
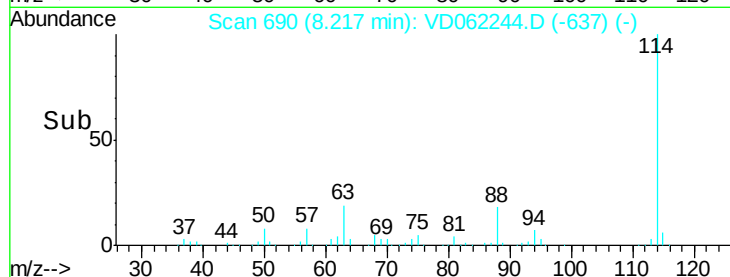
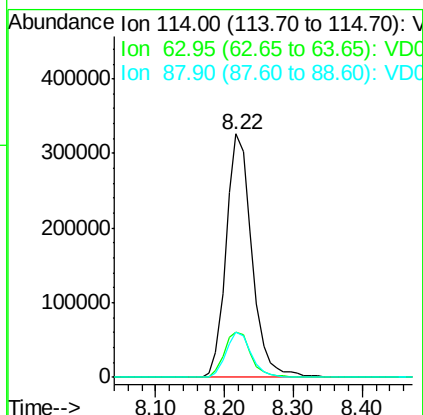
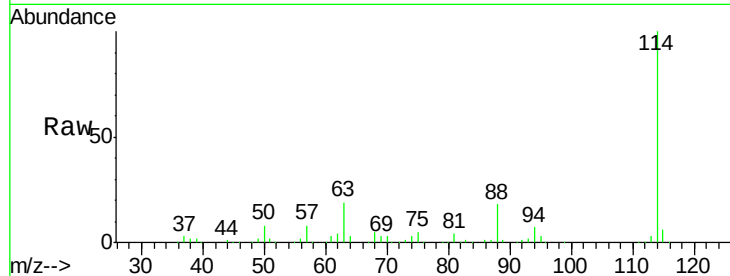




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062244.D
 Acq: 11 May 2019 18:22

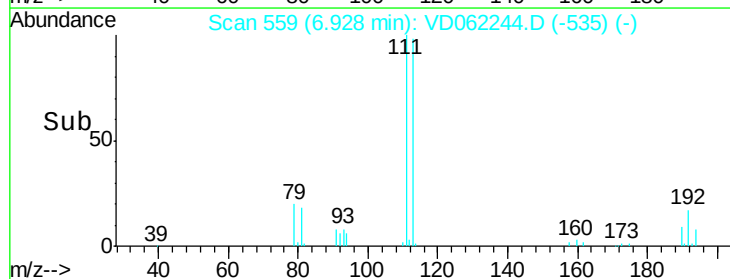
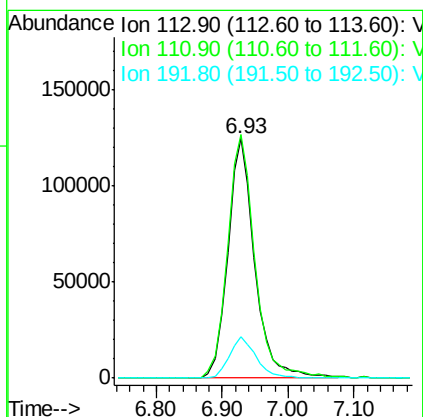
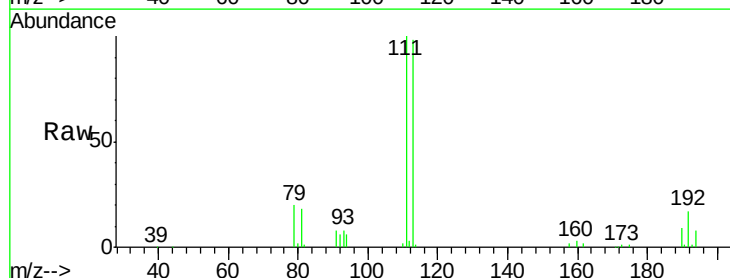
Instrument :
 MSVOA_D
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 P026-SS006-1824-01RE

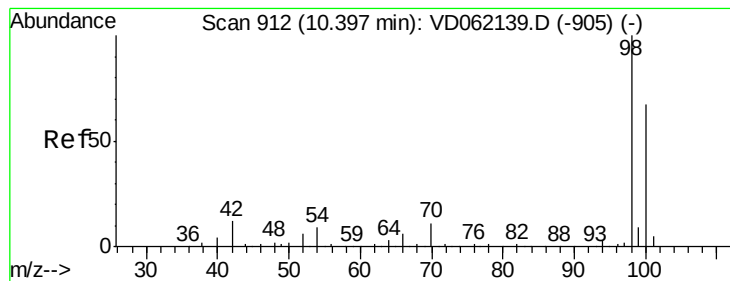
Tgt Ion:114 Resp: 842634
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 32.4
 88 18.4 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.741 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062244.D
 Acq: 11 May 2019 18:22

Tgt Ion:113 Resp: 354753
 Ion Ratio Lower Upper
 113 100
 111 101.7 78.5 117.7
 192 17.1 13.0 19.4





#50

Toluene-d8

Concen: 43.449 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

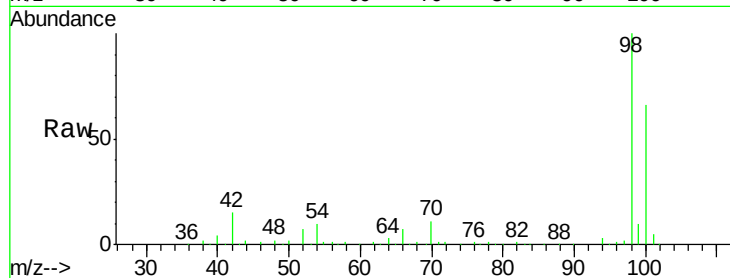
P026-SS006-1824-01RE

Tgt Ion: 98 Resp: 732406

Ion Ratio Lower Upper

98 100

100 66.0 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) (-)

10.41

300000

200000

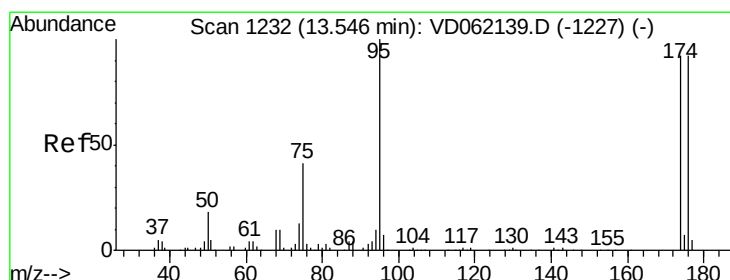
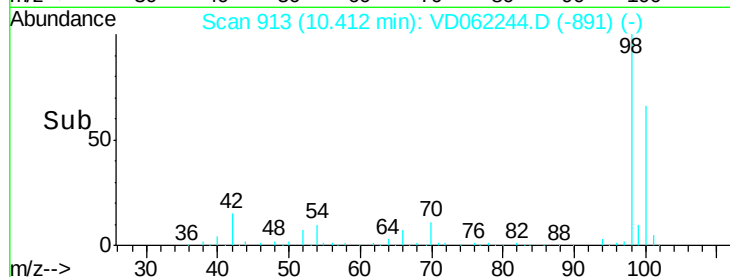
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 35.810 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062244.D

Acq: 11 May 2019 18:22

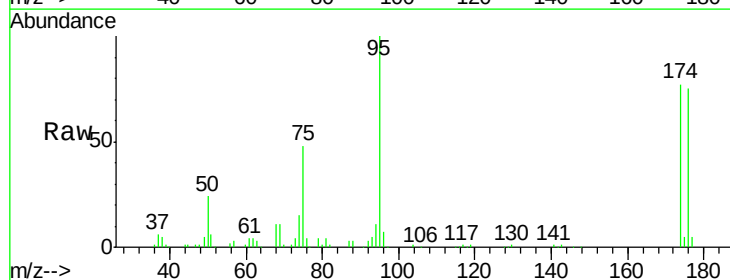
Tgt Ion: 95 Resp: 242404

Ion Ratio Lower Upper

95 100

174 76.5 0.0 181.8

176 75.1 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) (-)

200000

150000

100000

50000

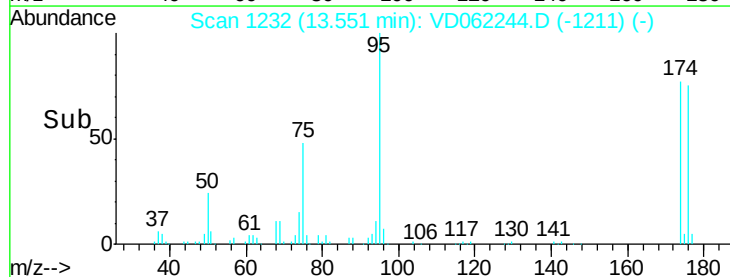
0

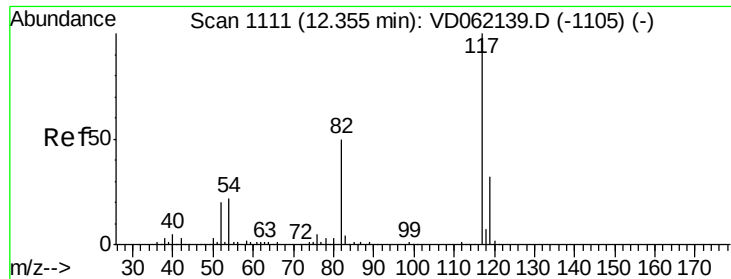
13.55

13.50

13.60

Time-->

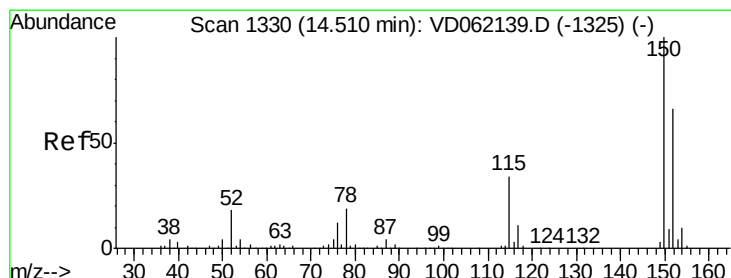
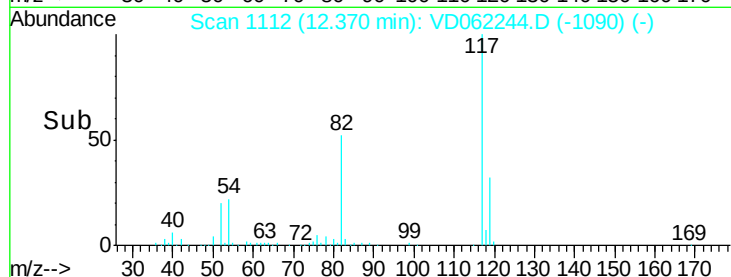
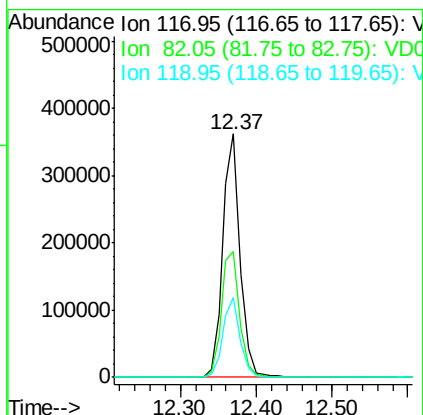
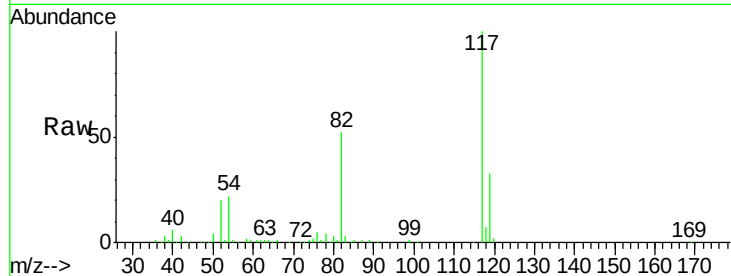




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062244.D
Acq: 11 May 2019 18:22

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ClientSampleId :
P026-SS006-1824-01RE

Tgt Ion:117 Resp: 573365
Ion Ratio Lower Upper
117 100
82 51.7 36.2 54.2
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062244.D
Acq: 11 May 2019 18:22

Tgt Ion:152 Resp: 206901
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.7
150 161.7 0.0 314.8

