

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062398.D
 Acq On : 15 May 2019 19:53
 Operator : FY/SY
 Sample : K2848-02
 Misc : 5.28g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-040-A

Quant Time: May 16 04:40:27 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	595398	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	857822	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	618549	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	251041	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	255996	46.27	ug/l	0.03
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	6.93	113	278948	39.19	ug/l	0.03
Spiked Amount	50.000		Recovery	=	78.38%	
50) Toluene-d8	10.41	98	542996	31.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	63.28%	
62) 4-Bromofluorobenzene	13.56	95	259686	37.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.36%	

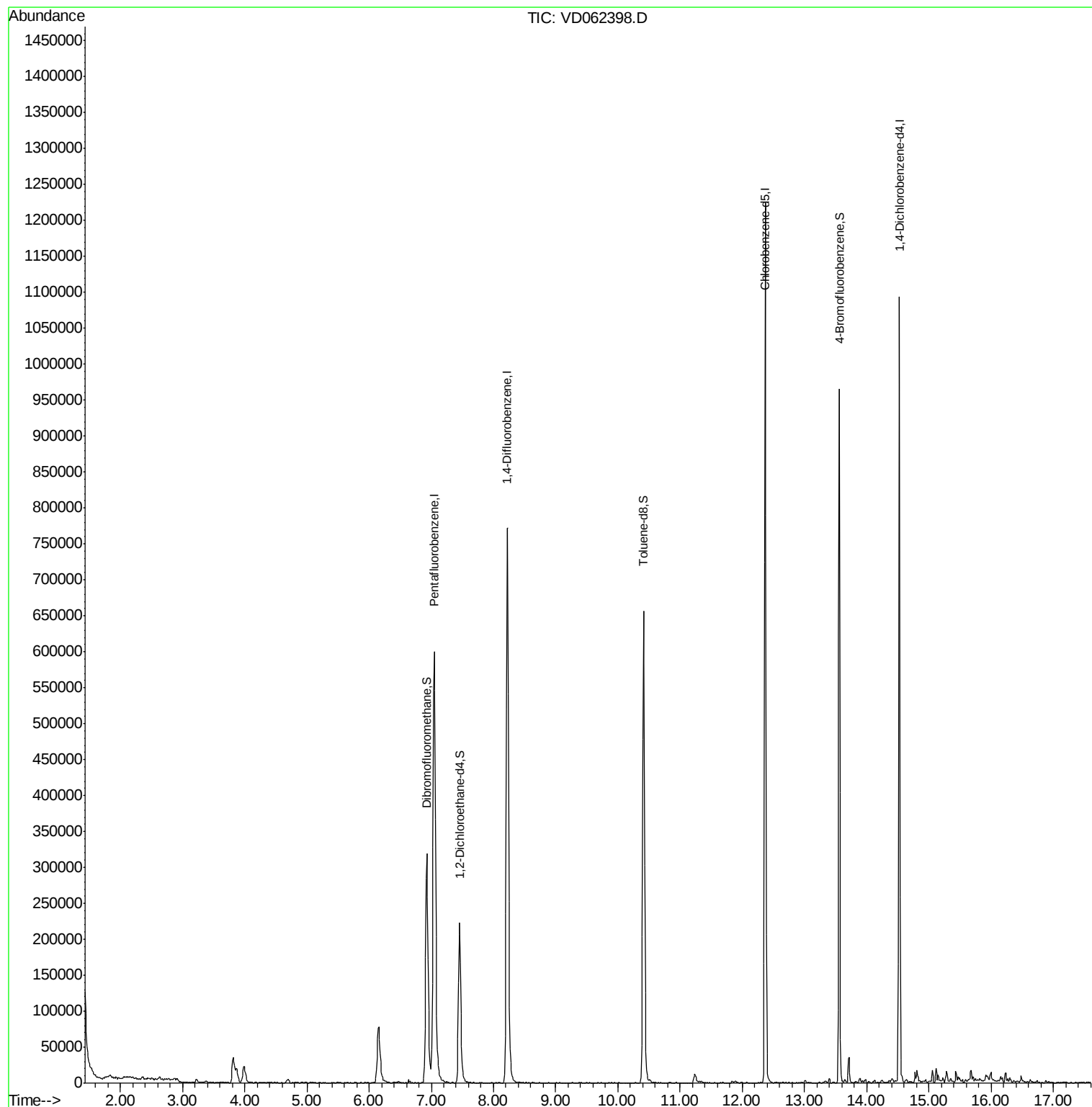
Target Compounds	Qvalue

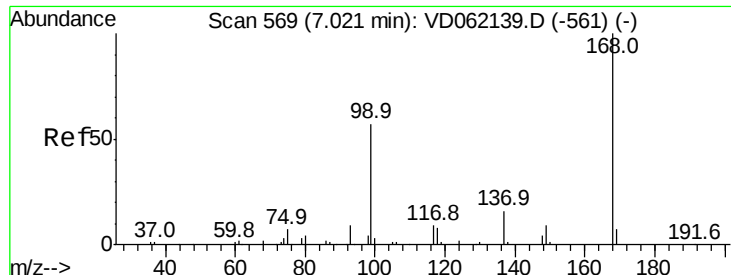
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062398.D

Acq: 15 May 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

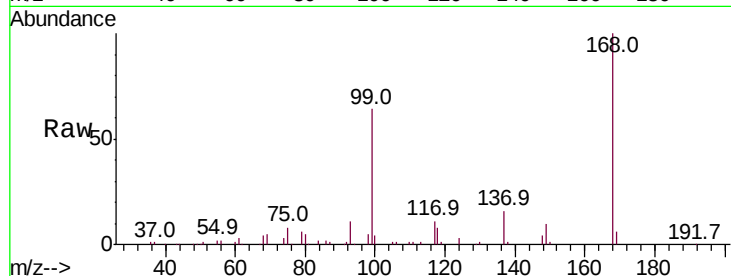
FK-GF-02-040-A

Tot Ion:168 Resp: 595398

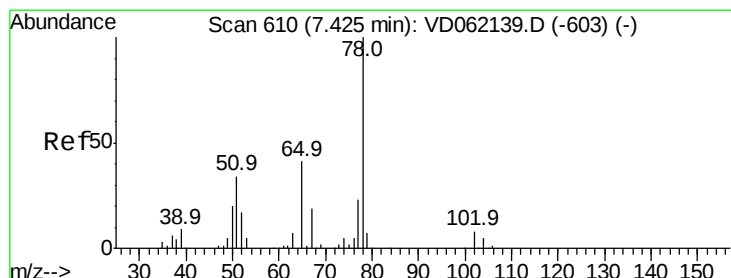
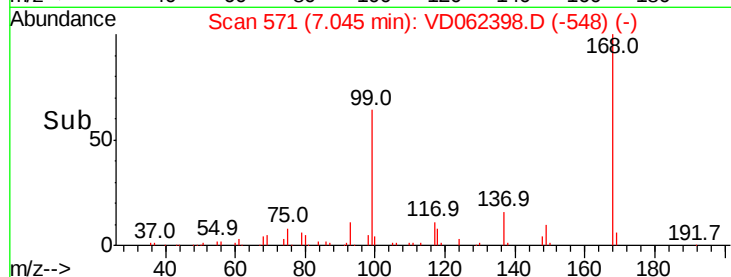
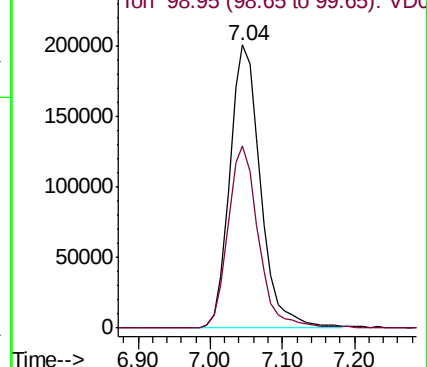
Ion Ratio Lower Upper

168 100

99 64.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 46.266 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062398.D

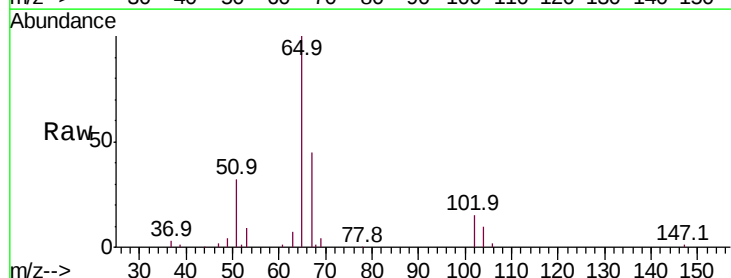
Acq: 15 May 2019 19:53

Tgt Ion: 65 Resp: 255996

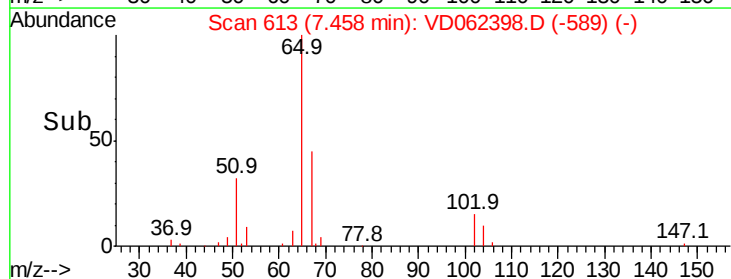
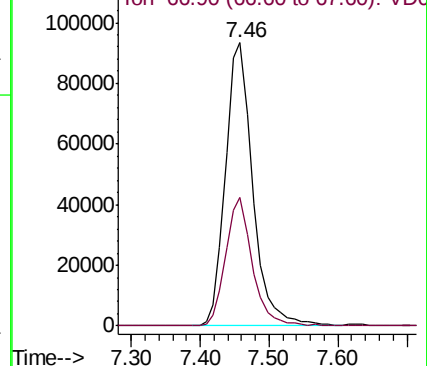
Ion Ratio Lower Upper

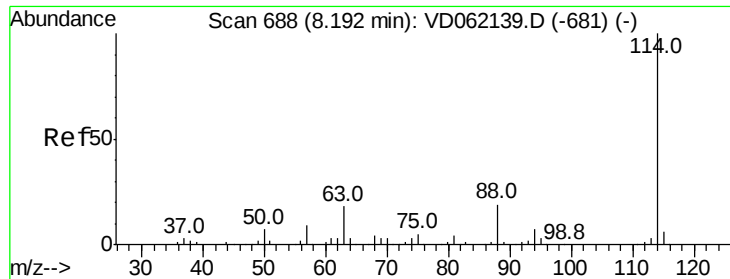
65 100

67 45.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

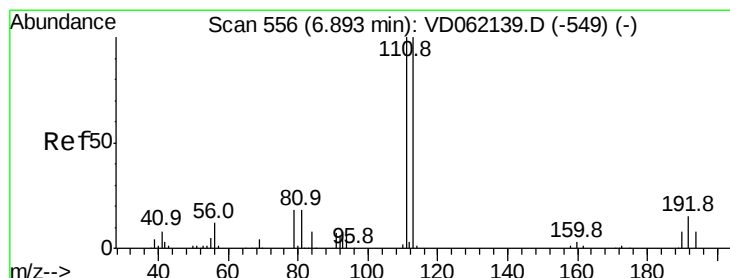
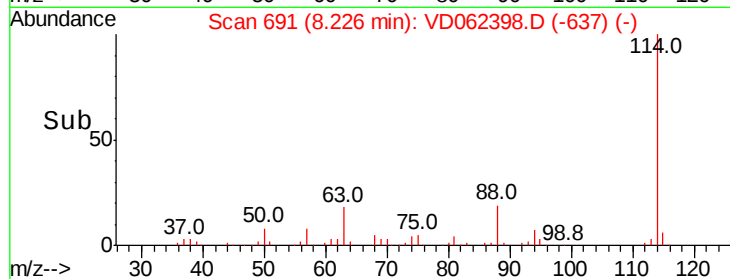
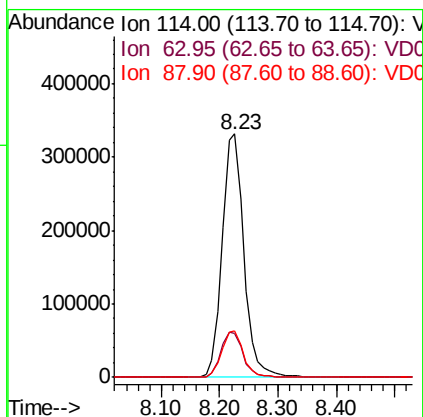
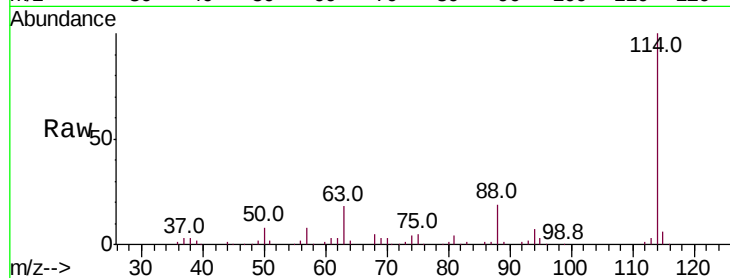




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062398.D
 Acq: 15 May 2019 19:53

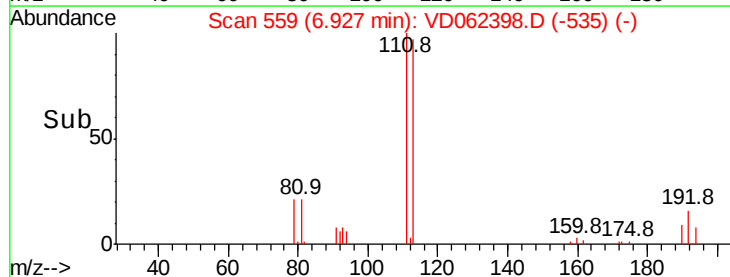
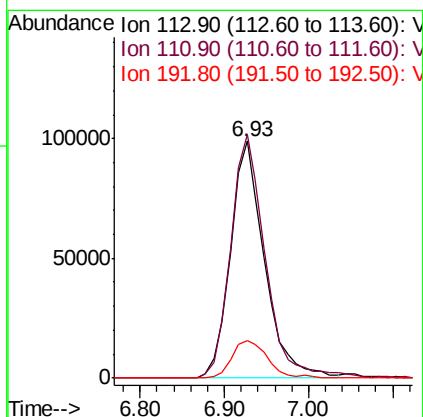
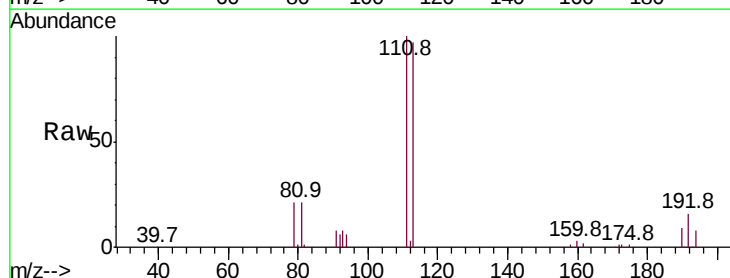
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-040-A

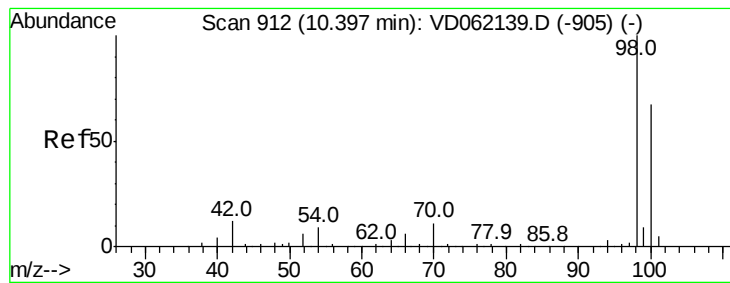
Tot Ion:114 Resp: 857822
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 19.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 39.192 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062398.D
 Acq: 15 May 2019 19:53

Tgt Ion:113 Resp: 278948
 Ion Ratio Lower Upper
 113 100
 111 102.8 78.5 117.7
 192 15.9 13.0 19.4





#50

Toluene-d8

Concen: 31.642 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062398.D

Acq: 15 May 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

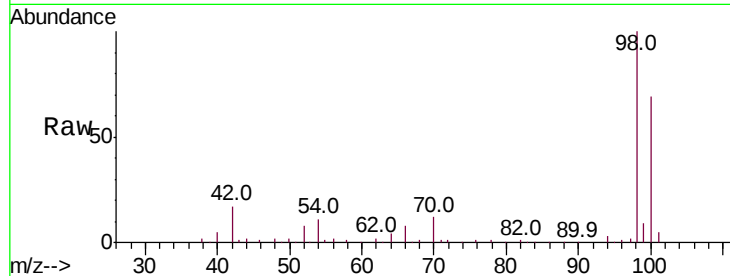
FK-GF-02-040-A

Tot Ion: 98 Resp: 542996

Ion Ratio Lower Upper

98 100

100 68.5 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) (-)

250000

200000

150000

100000

50000

0

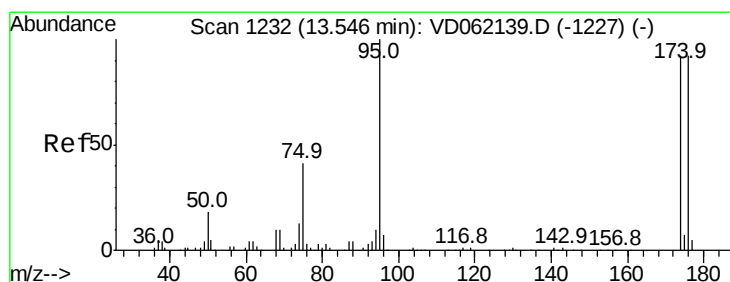
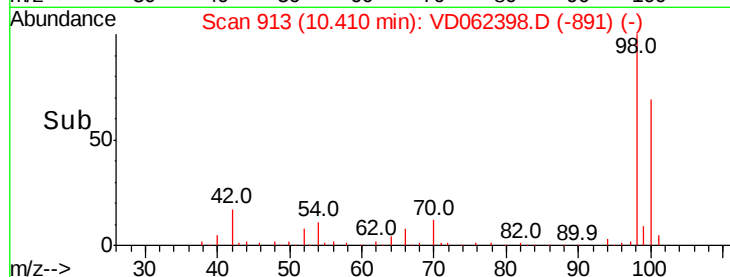
10.30

10.40

10.50

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 37.684 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062398.D

Acq: 15 May 2019 19:53

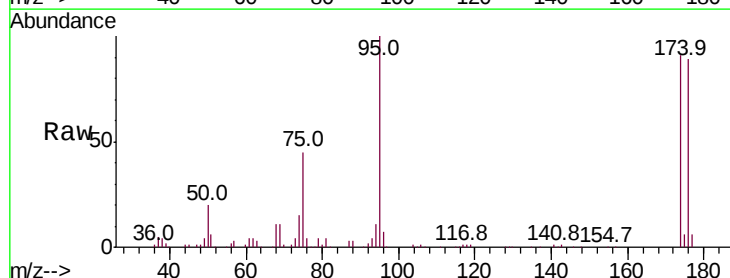
Tgt Ion: 95 Resp: 259686

Ion Ratio Lower Upper

95 100

174 91.3 0.0 181.8

176 88.6 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) (-)

250000

200000

150000

100000

50000

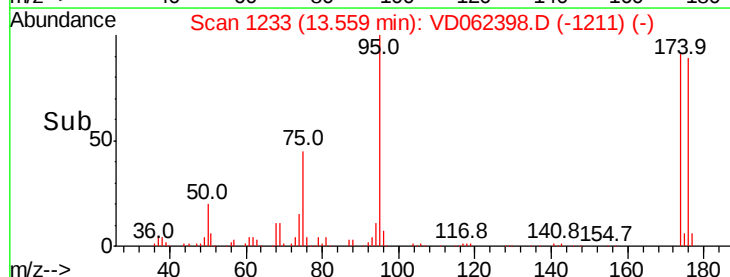
0

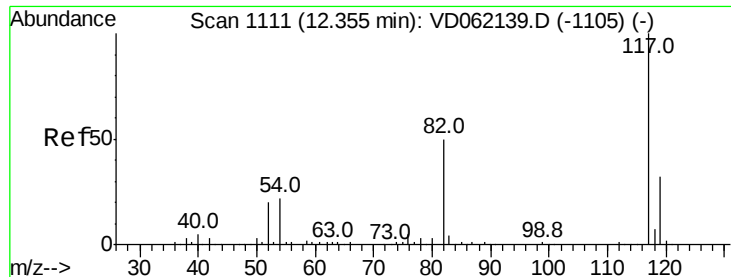
13.50

13.56

13.60

Time-->

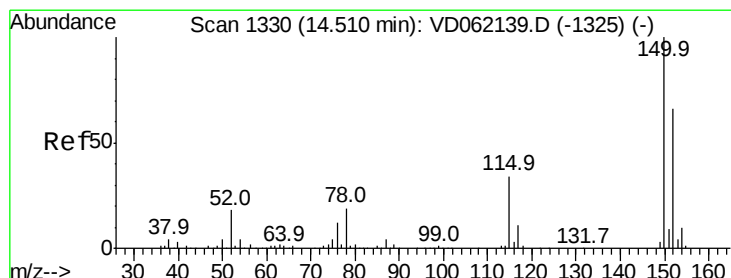
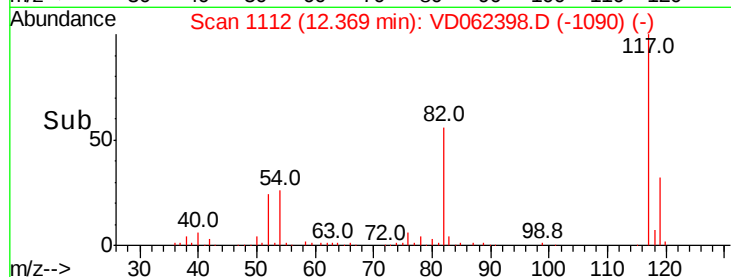
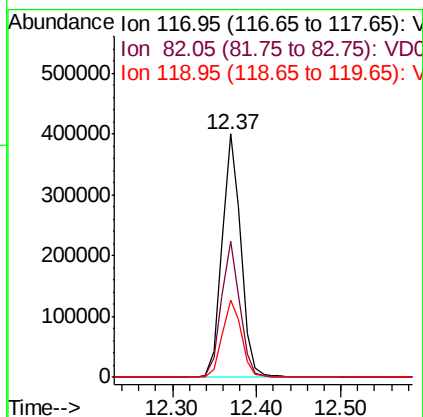
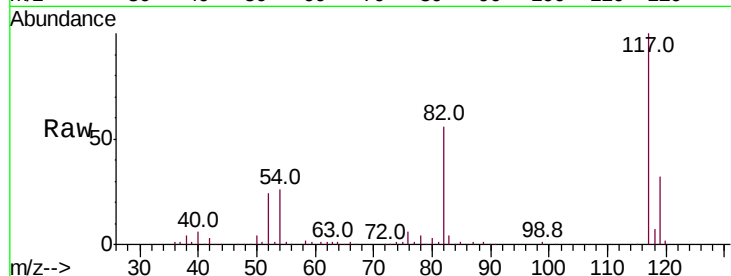




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062398.D
Acq: 15 May 2019 19:53

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-040-A

Tot Ion:117 Resp: 618549
Ion Ratio Lower Upper
117 100
82 55.8 36.2 54.2#
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062398.D
Acq: 15 May 2019 19:53

Tgt Ion:152 Resp: 251041
Ion Ratio Lower Upper
152 100
115 54.6 30.9 92.7
150 158.7 0.0 314.8

