

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061907.D
 Acq On : 19 Apr 2019 13:47
 Operator : VA/AP
 Sample : K2444-02
 Misc : 6.93g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-037-A

Quant Time: Apr 19 16:17:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	8452	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	20800	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	15830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	6731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	7345	103.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.38%	
35) Dibromofluoromethane	6.94	113	7515	47.82	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.42	98	16776	45.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.12%	
62) 4-Bromofluorobenzene	13.56	95	6701	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	

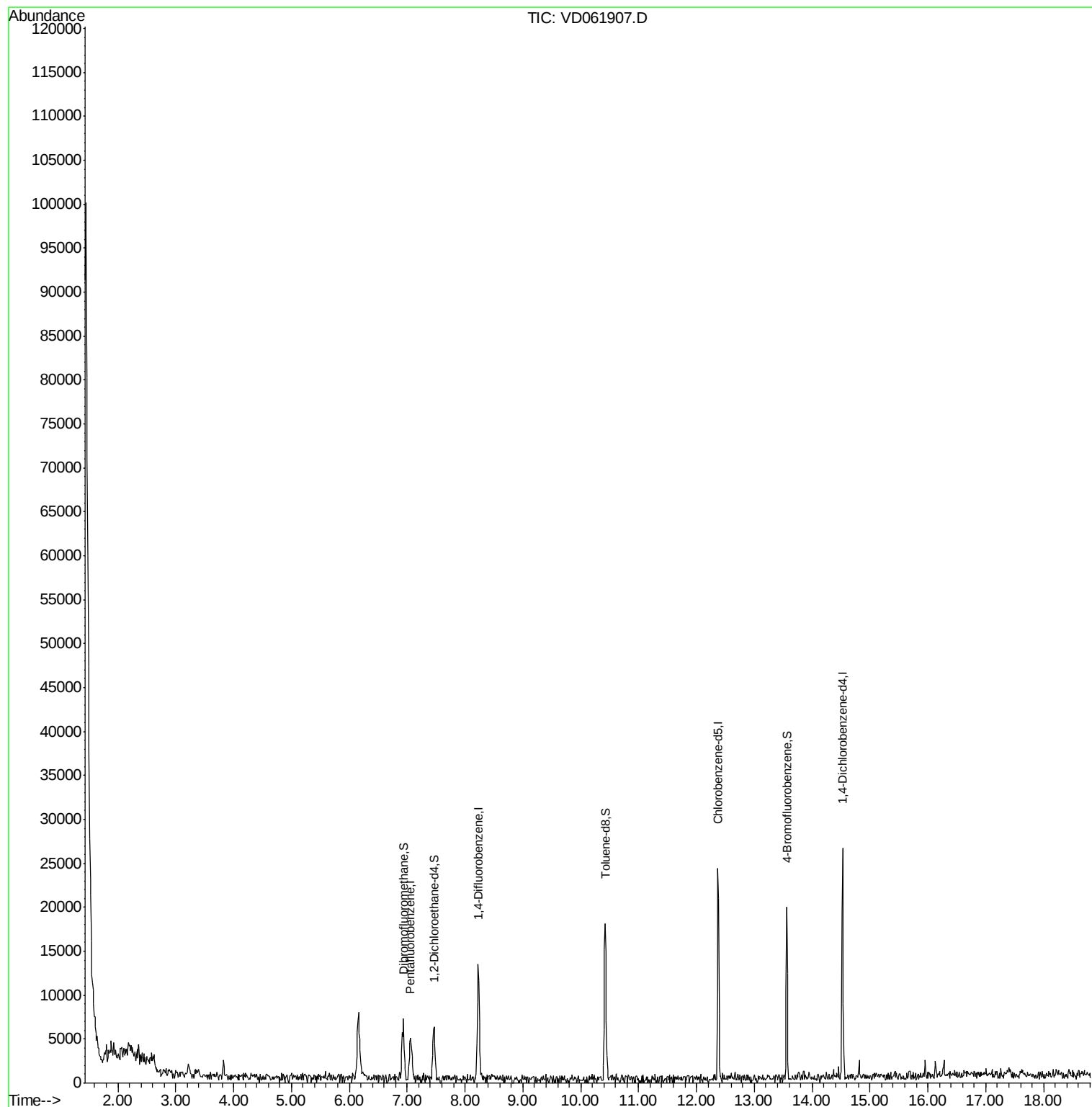
Target Compounds	Qvalue

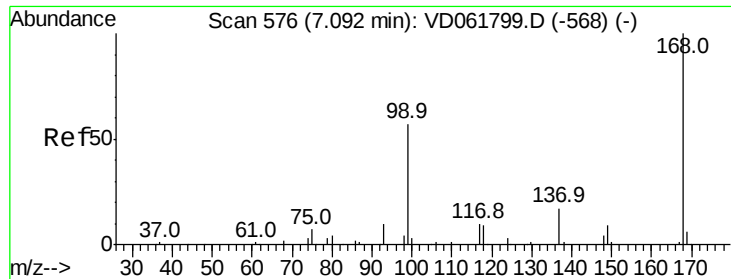
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061907.D

Acq: 19 Apr 2019 13:47

Instrument :

MSVOA_D

ClientSampleId :

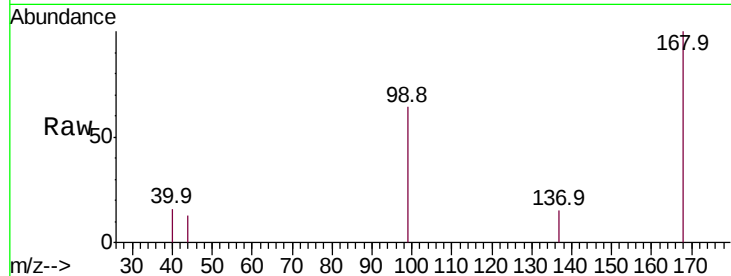
FK-GF-02-037-A

Tot Ion:168 Resp: 8452

Ion Ratio Lower Upper

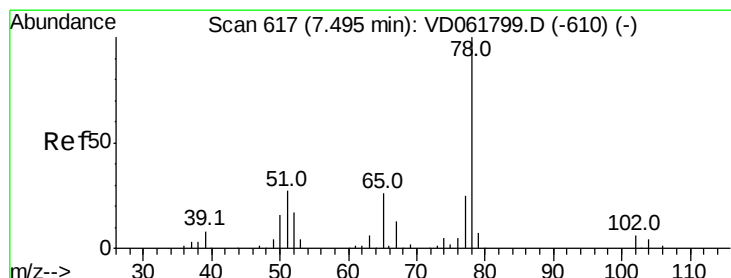
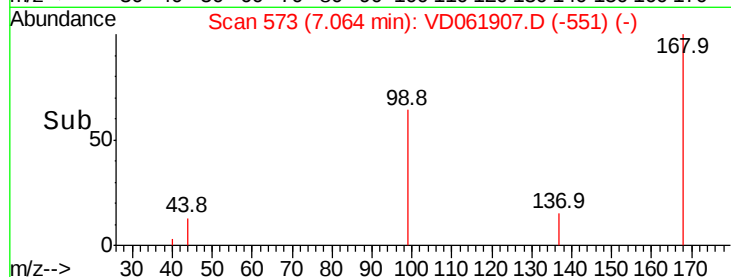
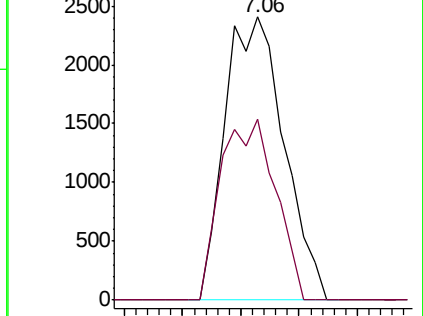
168 100

99 64.1 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: 103.690 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061907.D

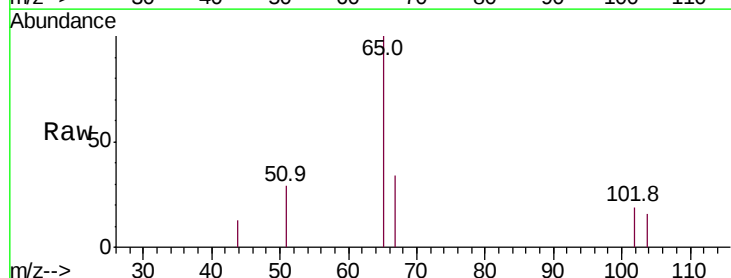
Acq: 19 Apr 2019 13:47

Tgt Ion: 65 Resp: 7345

Ion Ratio Lower Upper

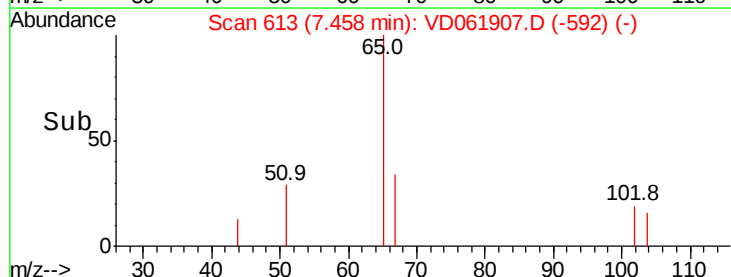
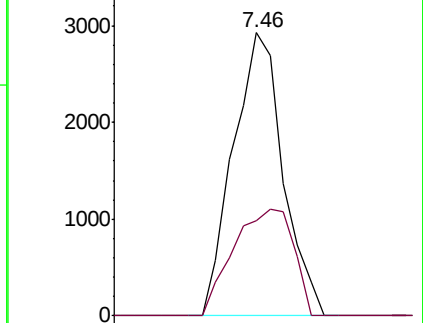
65 100

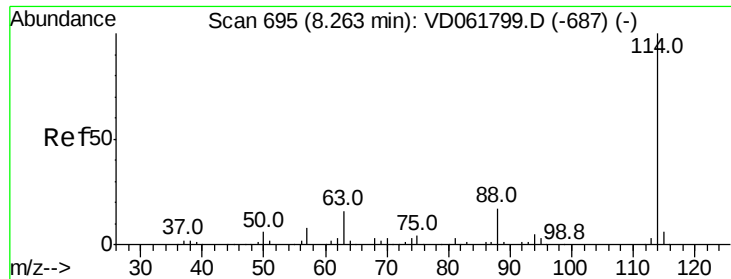
67 33.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

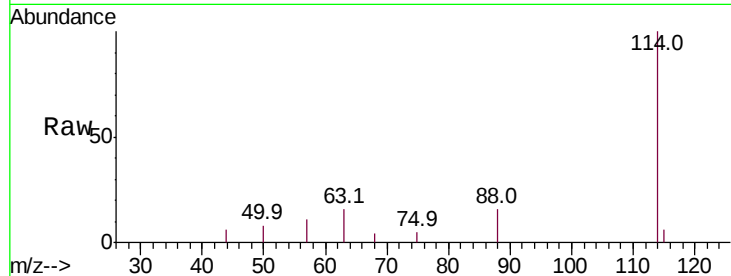




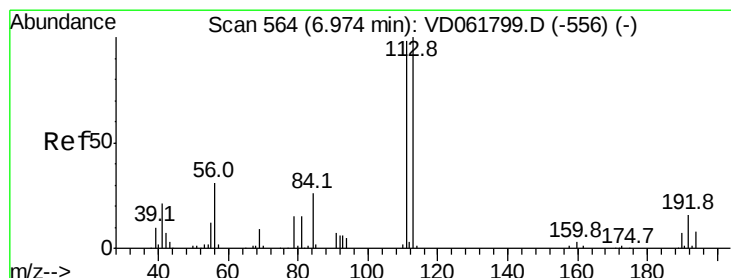
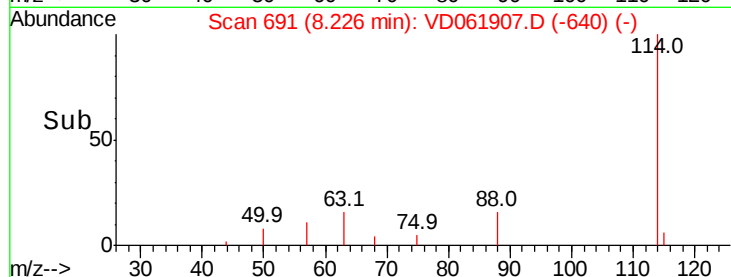
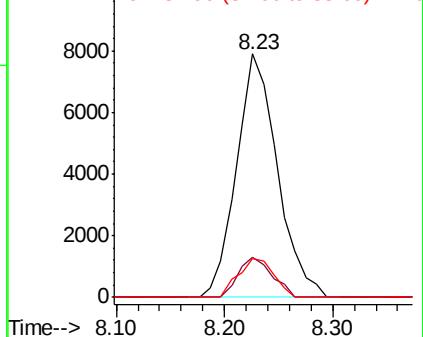
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061907.D
 Acq: 19 Apr 2019 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-037-A

Tot Ion:114 Resp: 20800
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 15.7 0.0 33.6

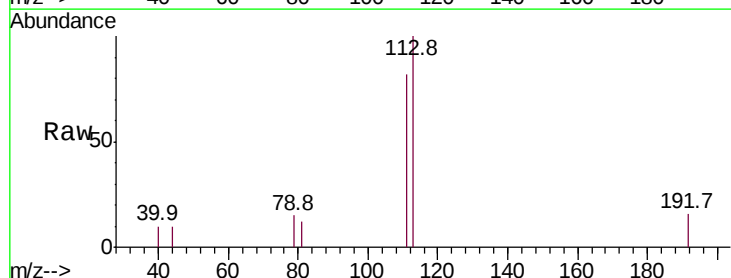


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

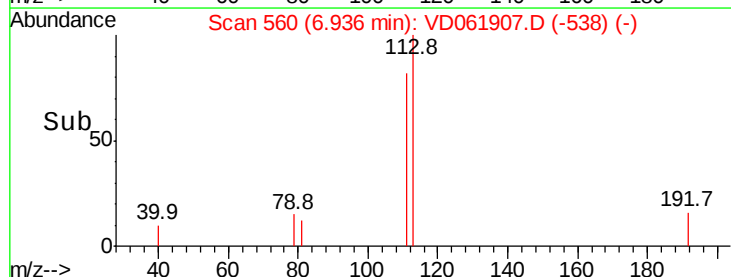
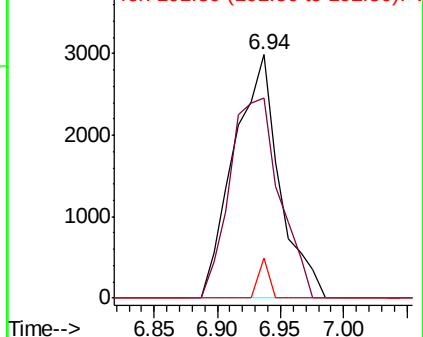


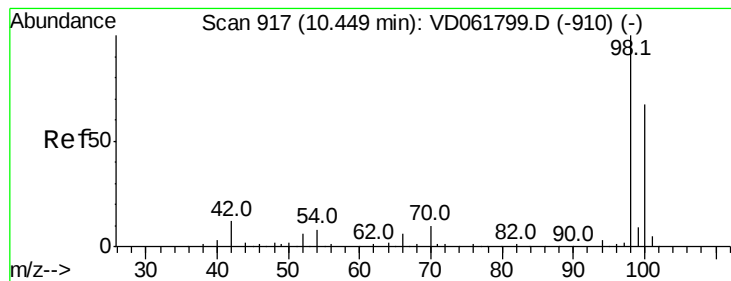
#35
 Dibromofluoromethane
 Concen: 47.822 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061907.D
 Acq: 19 Apr 2019 13:47

Tgt Ion:113 Resp: 7515
 Ion Ratio Lower Upper
 113 100
 111 82.4 78.5 117.7
 192 16.4 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: 45.055 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061907.D

Acq: 19 Apr 2019 13:47

Instrument :

MSVOA_D

ClientSampleId :

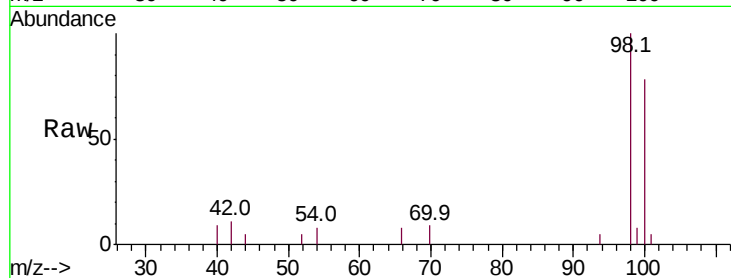
FK-GF-02-037-A

Tot Ion: 98 Resp: 16776

Ion Ratio Lower Upper

98 100

100 78.3 53.8 80.8

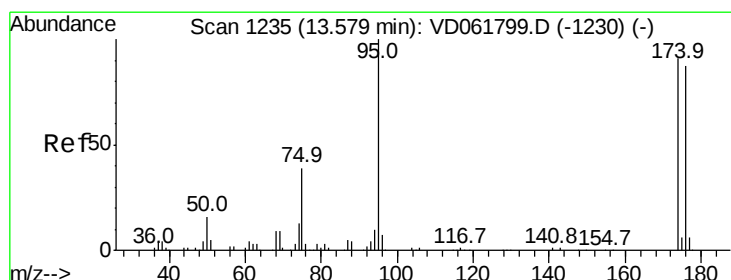
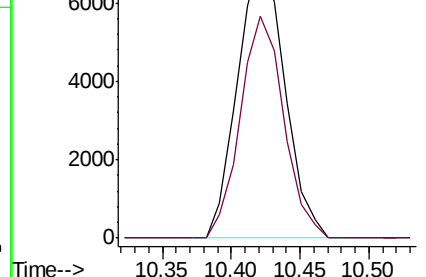
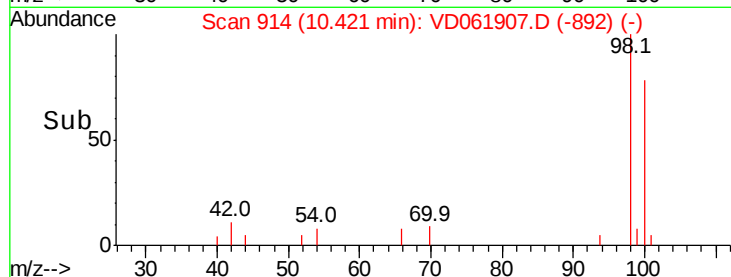


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.42

Time-->



#62

4-Bromofluorobenzene

Concen: 44.402 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061907.D

Acq: 19 Apr 2019 13:47

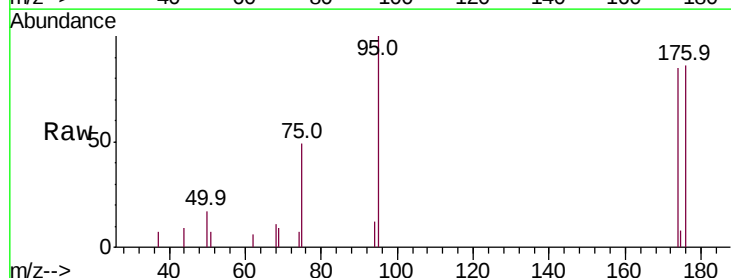
Tgt Ion: 95 Resp: 6701

Ion Ratio Lower Upper

95 100

174 84.9 0.0 181.8

176 85.8 0.0 174.4



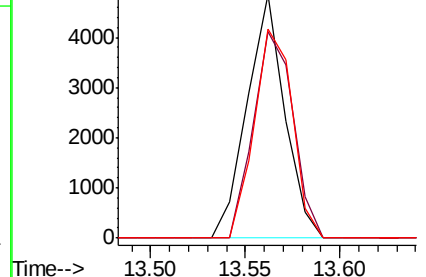
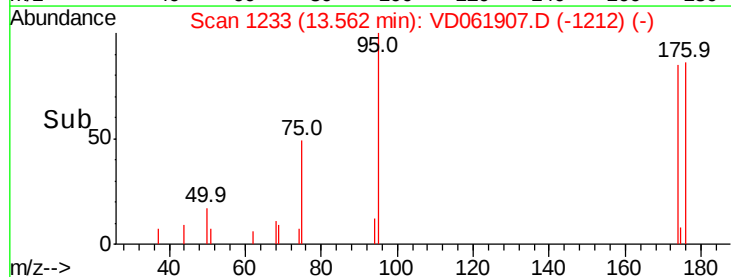
Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

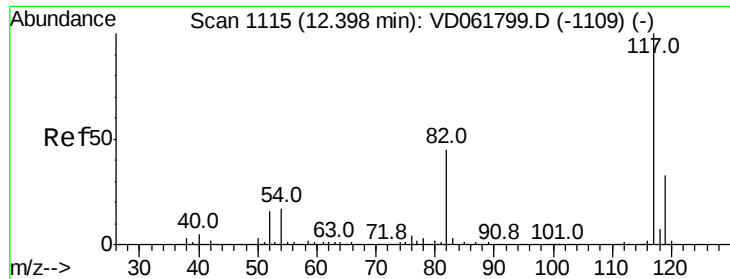
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

13.56

Time-->

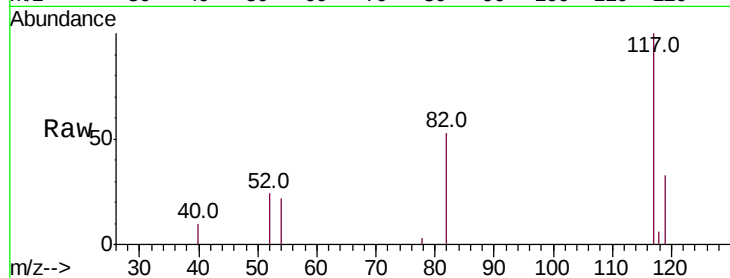




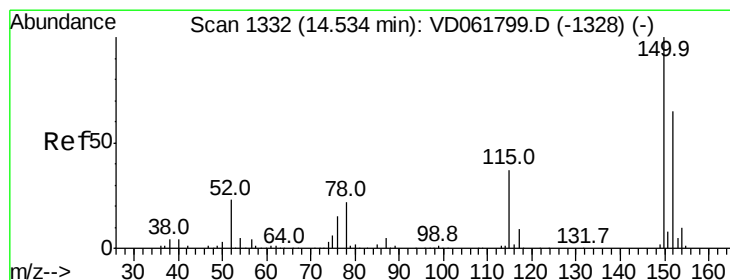
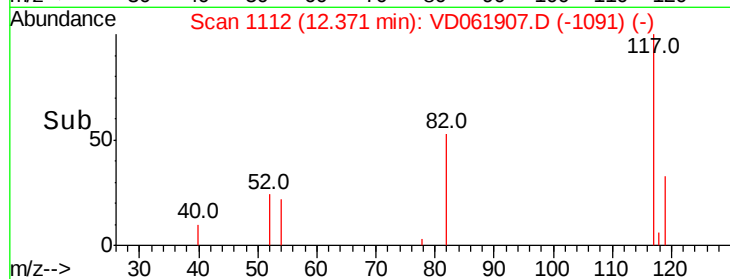
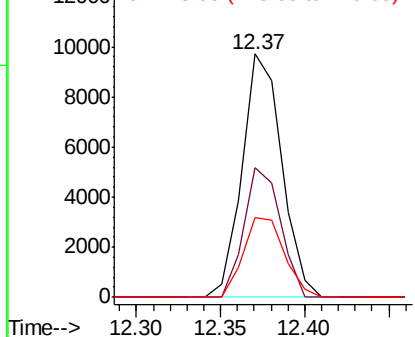
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061907.D
Acq: 19 Apr 2019 13:47

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-037-A

Tot Ion:117 Resp: 15830
Ion Ratio Lower Upper
117 100
82 53.4 36.2 54.2
119 32.6 26.2 39.4

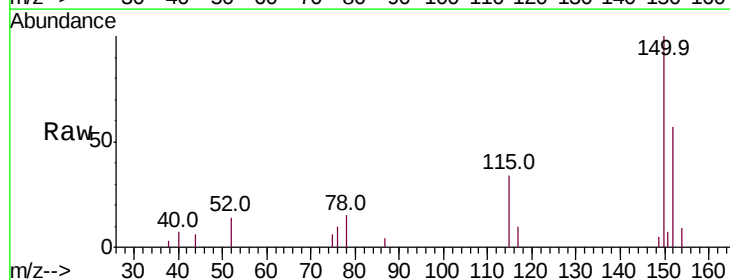


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061907.D
Acq: 19 Apr 2019 13:47

Tgt Ion:152 Resp: 6731
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.7
150 176.2 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

