

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062417.D
 Acq On : 16 May 2019 15:04
 Operator : FY/SY
 Sample : K2848-02RE
 Misc : 5.04g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 17 03:18:40 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	558591	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	765723	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	592013	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	206912	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	270733	52.15	ug/l	0.02
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	6.92	113	296492	46.67	ug/l	0.02
Spiked Amount			Recovery	=	93.34%	
50) Toluene-d8	10.41	98	549162	35.85	ug/l	0.01
Spiked Amount			Recovery	=	71.70%	
62) 4-Bromofluorobenzene	13.56	95	226772	36.87	ug/l	0.01
Spiked Amount			Recovery	=	73.74%	

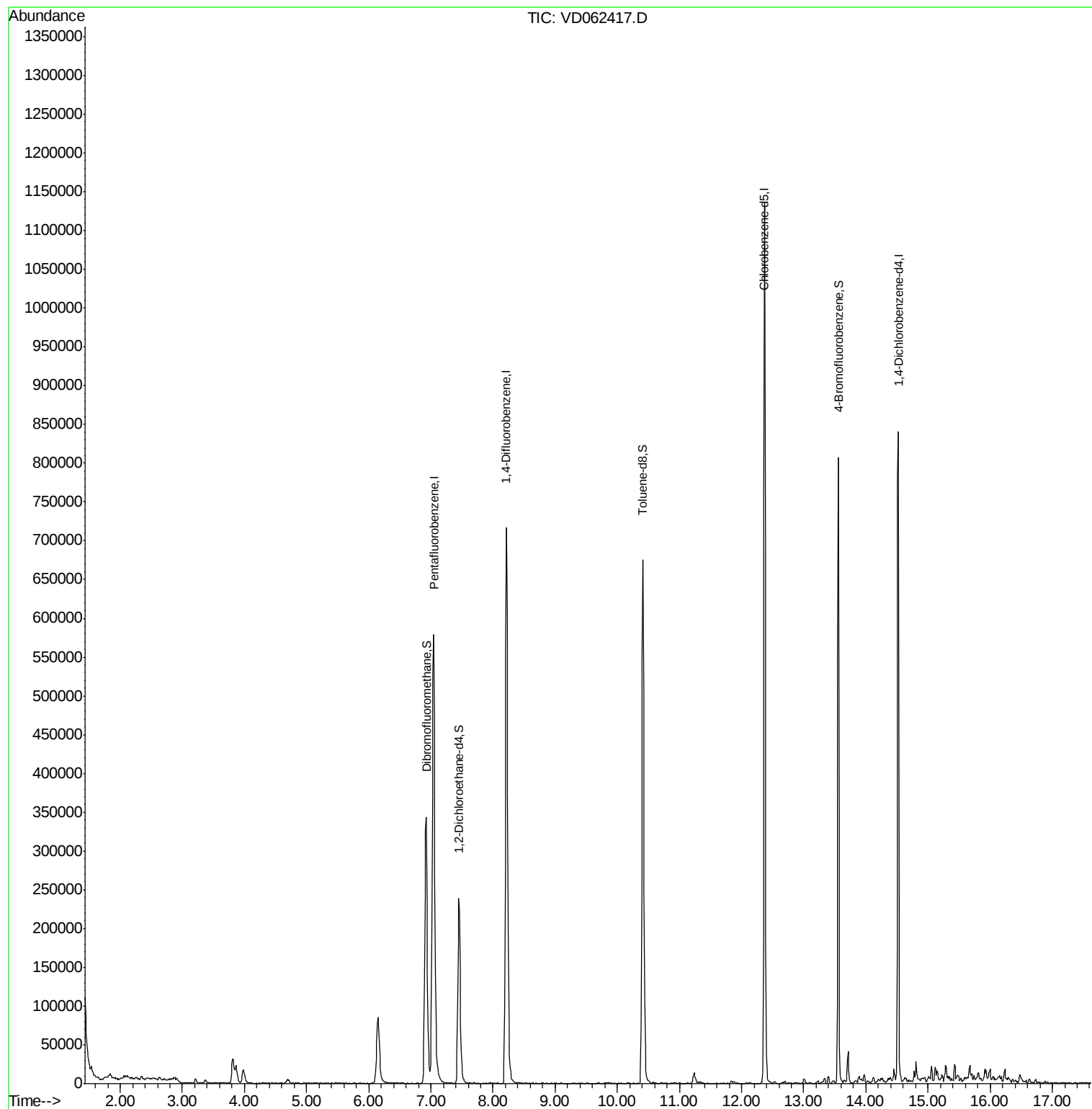
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062417.D

Acq: 16 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

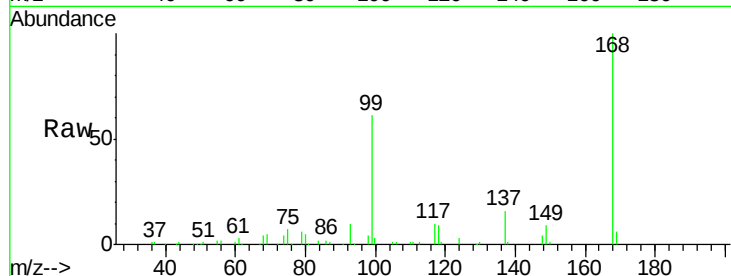
FK-GF-02-040-ARE

Tot Ion:168 Resp: 558591

Ion Ratio Lower Upper

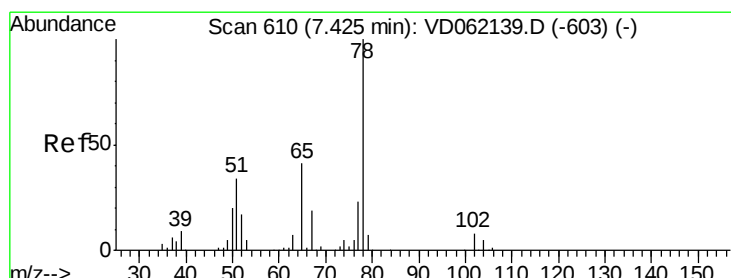
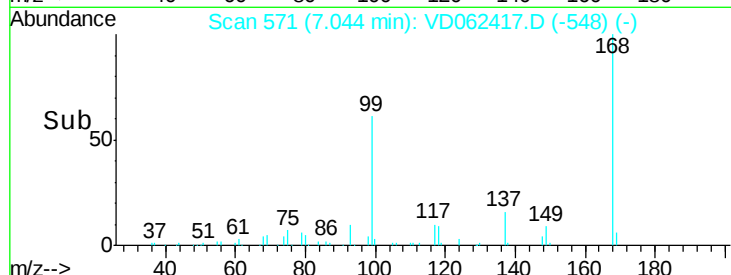
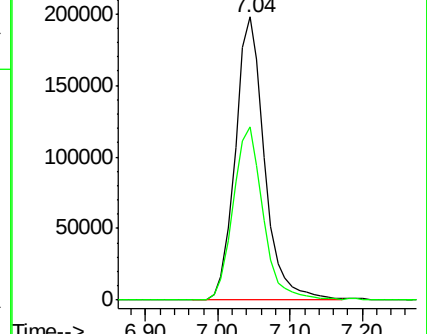
168 100

99 61.4 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: 52.154 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062417.D

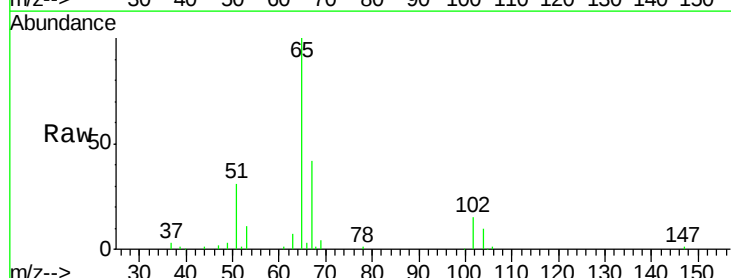
Acq: 16 May 2019 15:04

Tgt Ion: 65 Resp: 270733

Ion Ratio Lower Upper

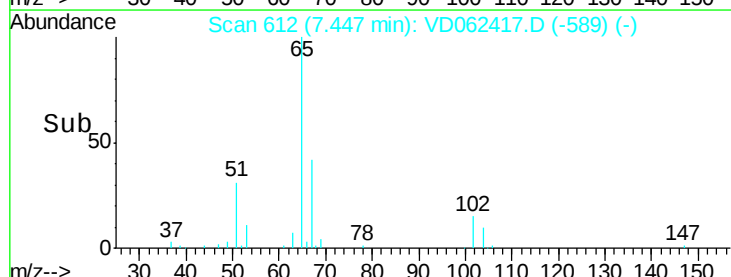
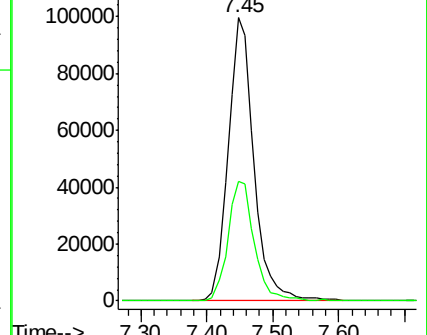
65 100

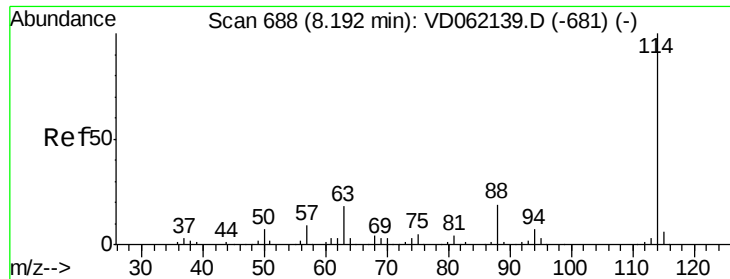
67 42.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

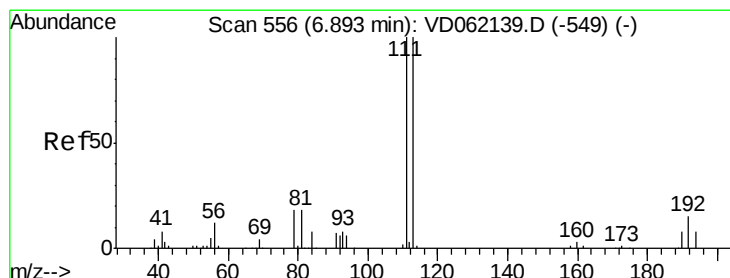
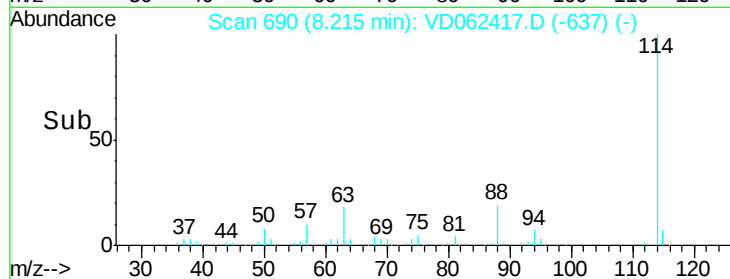
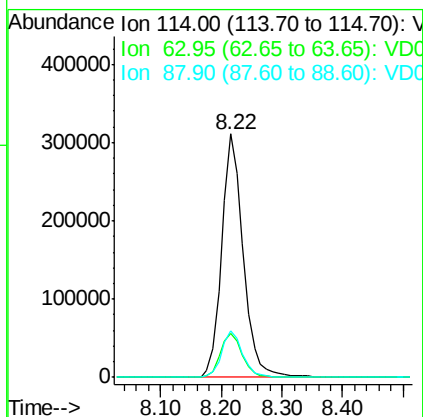
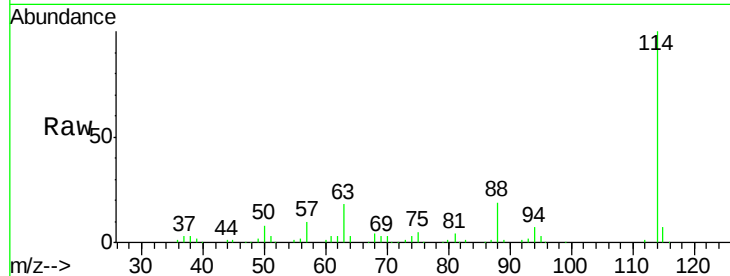




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062417.D
 Acq: 16 May 2019 15:04

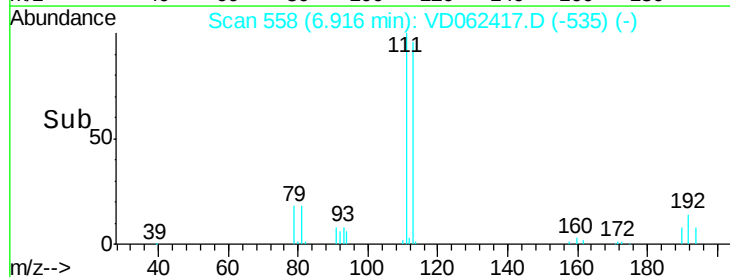
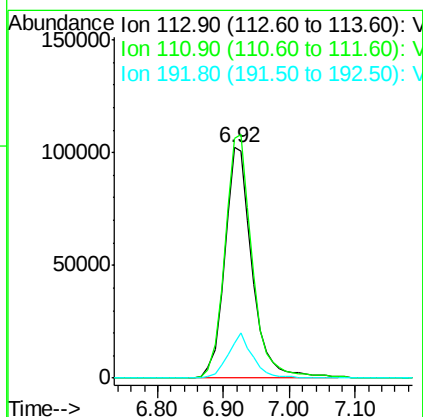
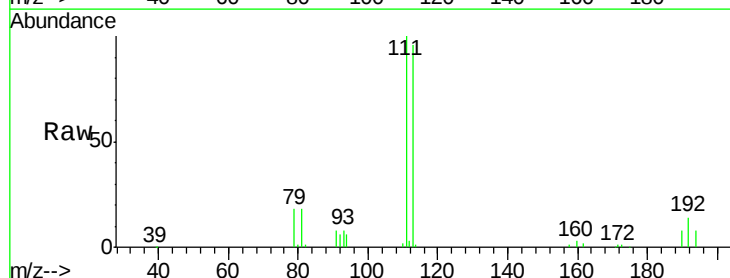
Instrument :
 MSVOA_D
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 FK-GF-02-040-ARE

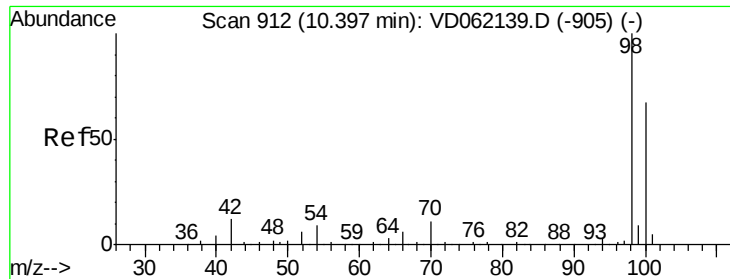
Tot Ion:114 Resp: 765723
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 32.4
 88 18.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 46.667 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD062417.D
 Acq: 16 May 2019 15:04

Tgt Ion:113 Resp: 296492
 Ion Ratio Lower Upper
 113 100
 111 104.4 78.5 117.7
 192 15.0 13.0 19.4

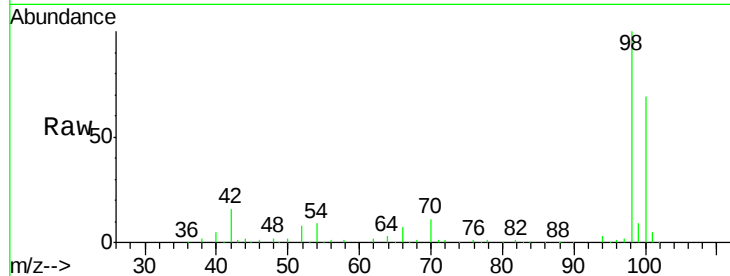




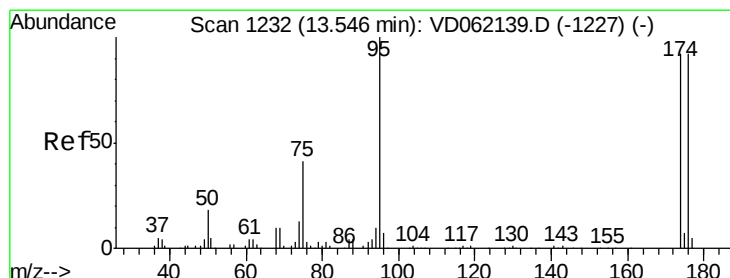
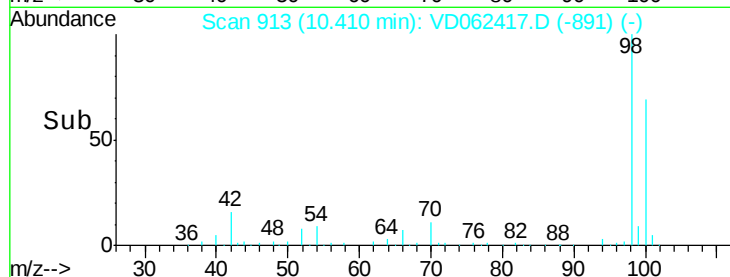
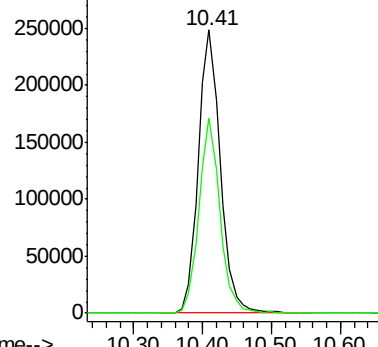
#50
Toluene-d8
Concen: 35.850 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062417.D
Acq: 16 May 2019 15:04

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

Tot Ion: 98 Resp: 549162
Ion Ratio Lower Upper
98 100
100 68.8 53.8 80.8

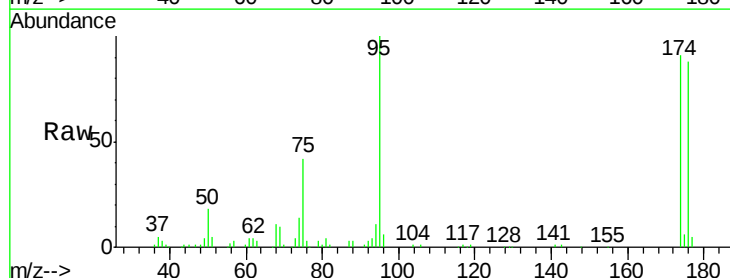


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

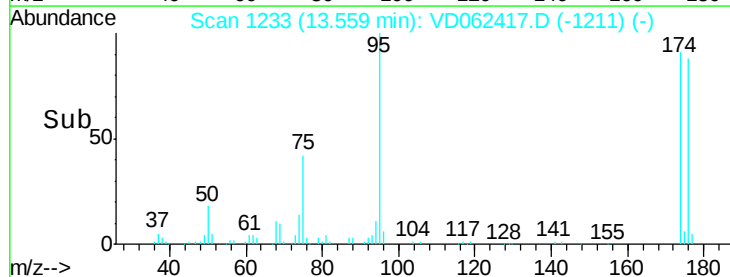
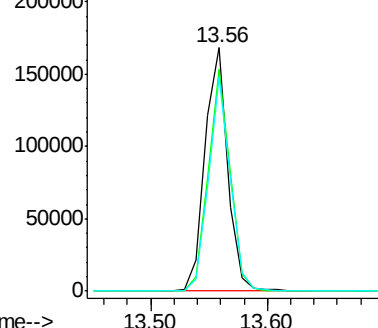


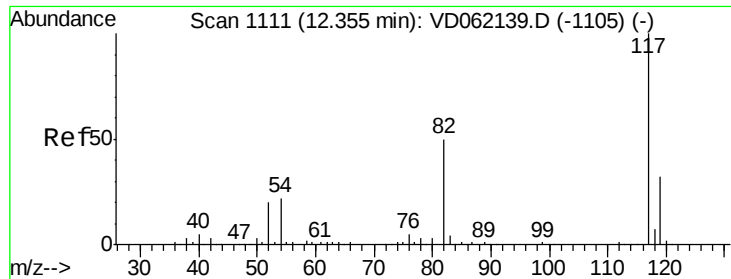
#62
4-Bromofluorobenzene
Concen: 36.866 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062417.D
Acq: 16 May 2019 15:04

Tgt Ion: 95 Resp: 226772
Ion Ratio Lower Upper
95 100
174 91.3 0.0 181.8
176 88.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

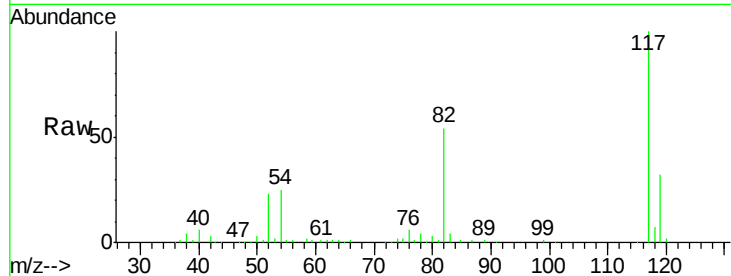




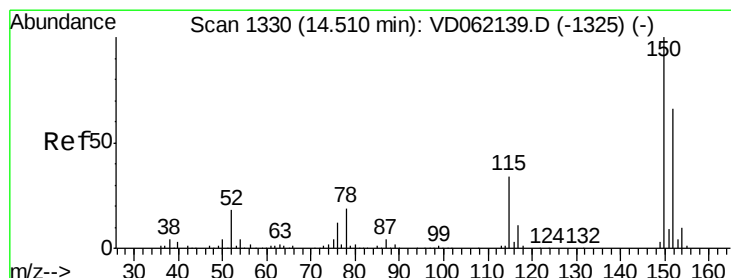
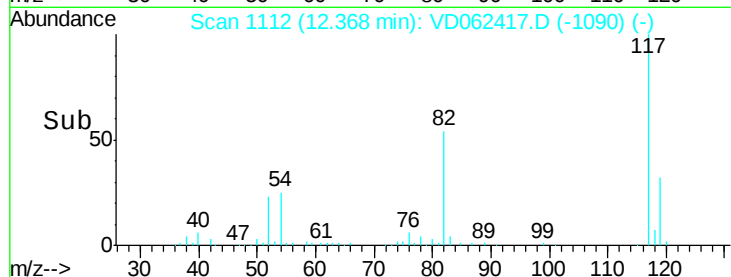
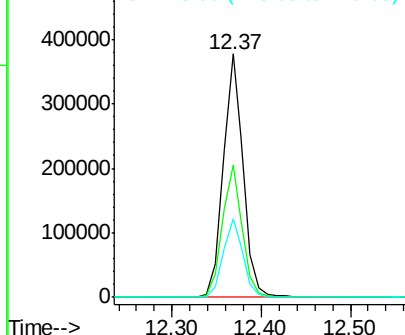
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062417.D
Acq: 16 May 2019 15:04

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

Tot Ion:117 Resp: 592013
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 32.0 26.2 39.4

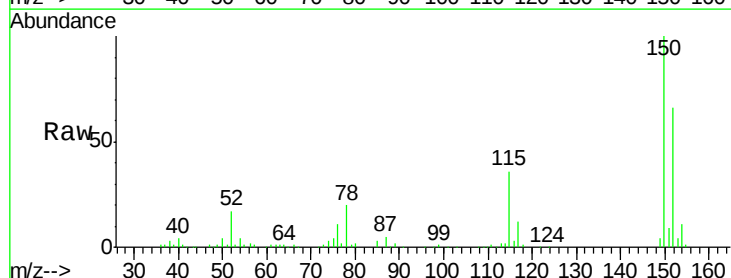


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062417.D
Acq: 16 May 2019 15:04

Tgt Ion:152 Resp: 206912
Ion Ratio Lower Upper
152 100
115 54.2 30.9 92.7
150 150.9 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

