

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060921.D
 Acq On : 4 Mar 2019 14:08
 Operator : VA/AP
 Sample : K1672-02
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-033-A

Quant Time: Mar 05 02:15:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

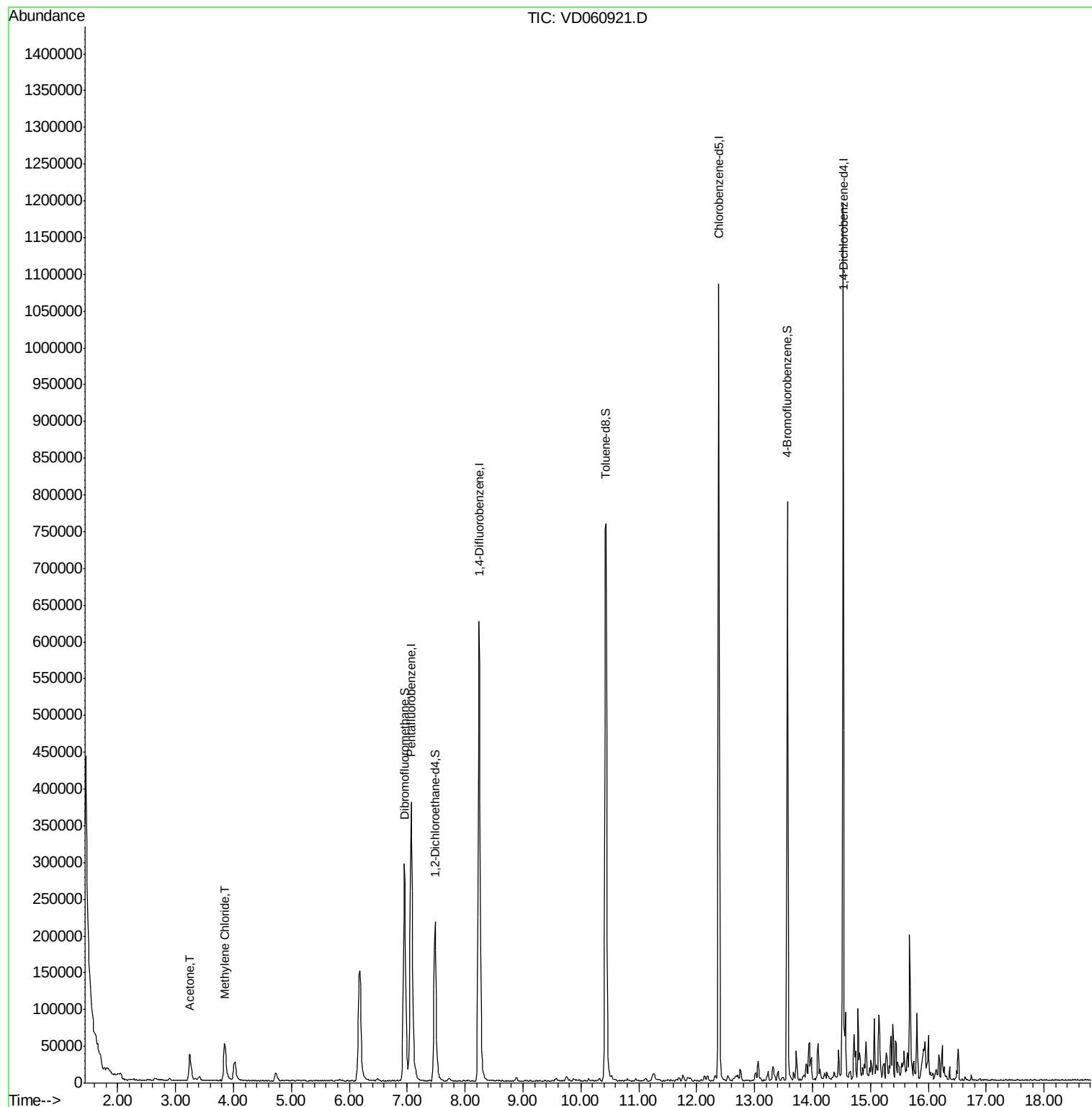
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	408970	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	795981	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	693097	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	274251	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	198913	58.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	6.95	113	289975	45.44	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.88%	
50) Toluene-d8	10.43	98	692976	43.64	ug/l	0.03
Spiked Amount 50.000			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	13.56	95	255379	42.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.12%	
Target Compounds						
16) Acetone	3.25	43	77083	68.285	ug/l	98
20) Methylene Chloride	3.85	84	42099	4.558	ug/l	96

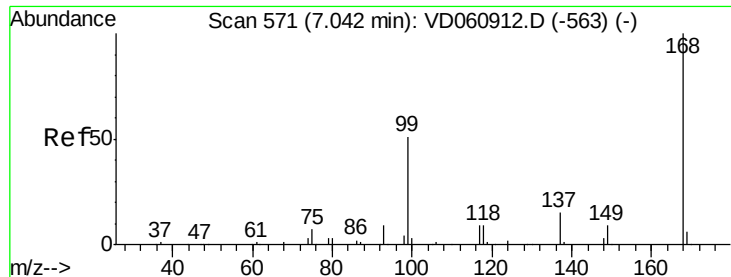
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060921.D

Acq: 4 Mar 2019 14:08

Instrument :

MSVOA_D

ClientSampleId :

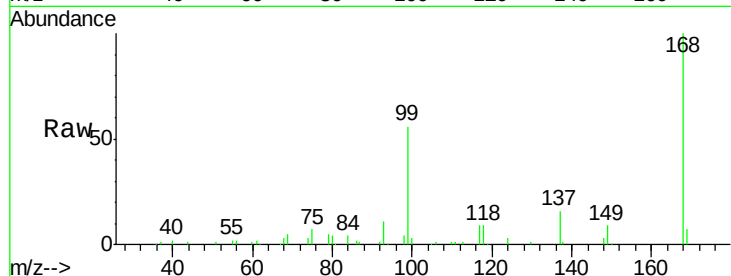
FK-GF-02-033-A

Tot Ion:168 Resp: 408970

Ion Ratio Lower Upper

168 100

99 56.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

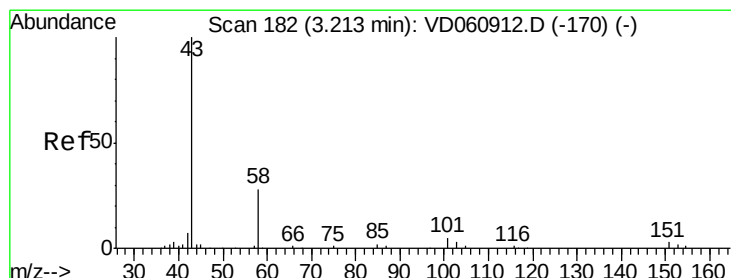
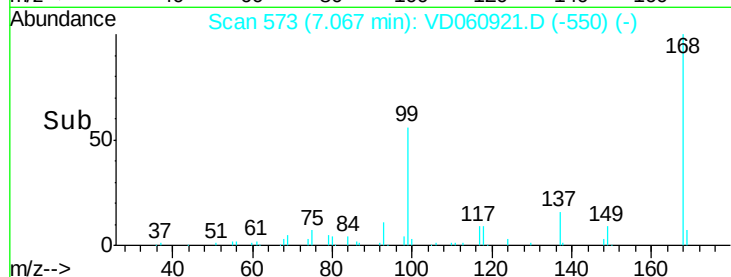
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 68.285 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.03 min

Lab File: VD060921.D

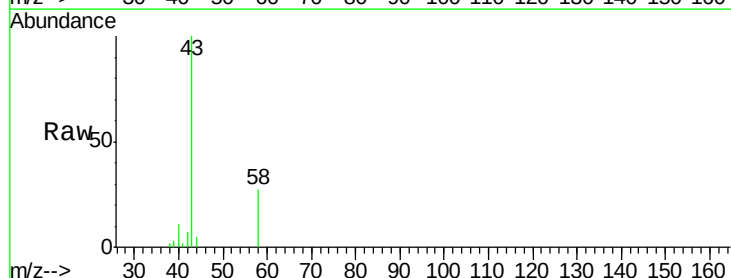
Acq: 4 Mar 2019 14:08

Tgt Ion: 43 Resp: 77083

Ion Ratio Lower Upper

43 100

58 27.2 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.25

25000

20000

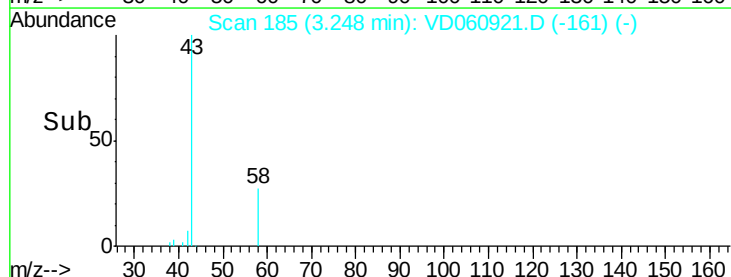
15000

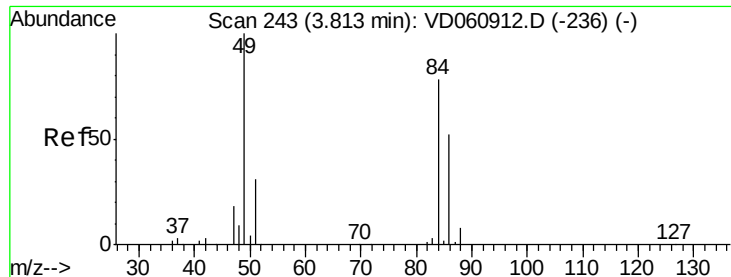
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

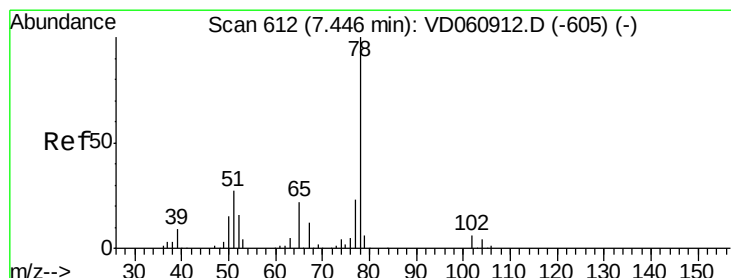
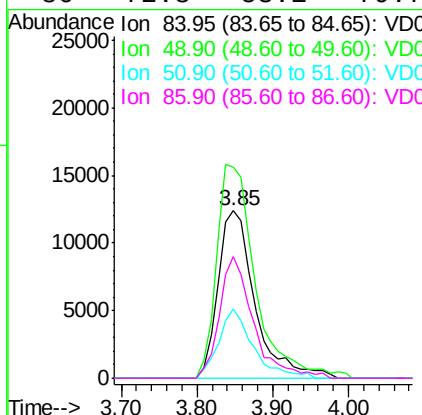
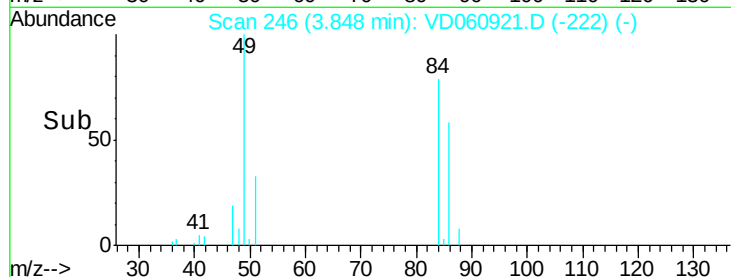
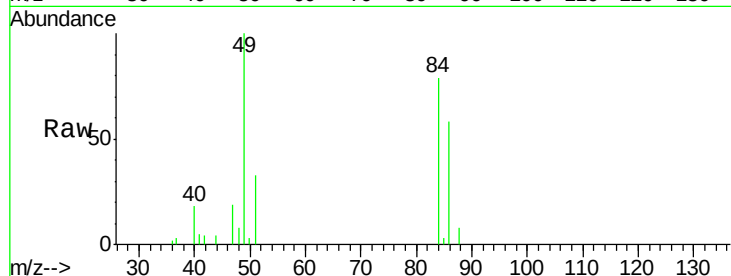




#20
Methylene Chloride
Concen: 4.558 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

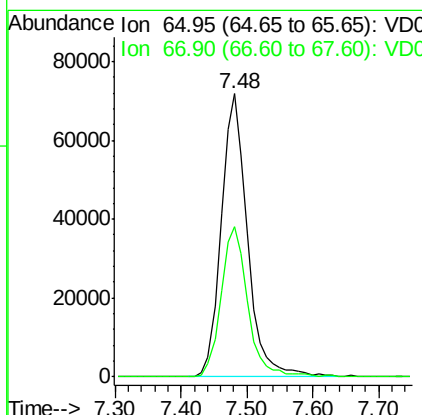
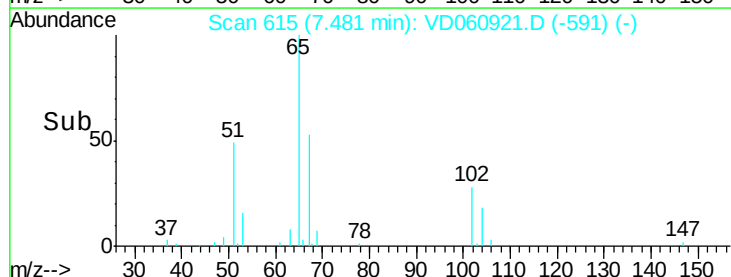
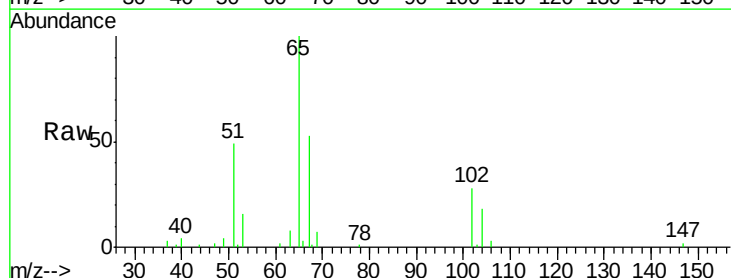
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-033-A

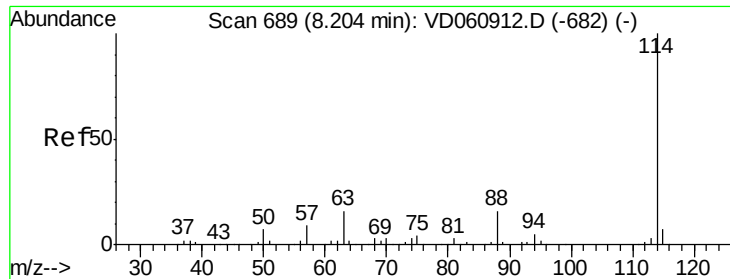
Tot Ion: 84 Resp: 42099
Ion Ratio Lower Upper
84 100
49 126.4 102.4 153.6
51 41.6 31.9 47.9
86 72.8 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

Tgt Ion: 65 Resp: 198913
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.4

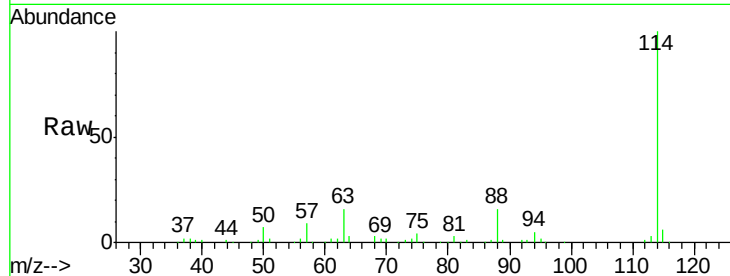




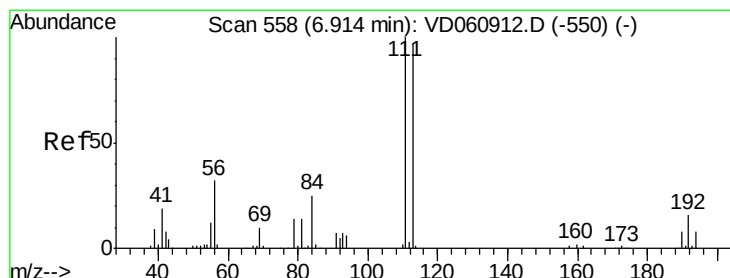
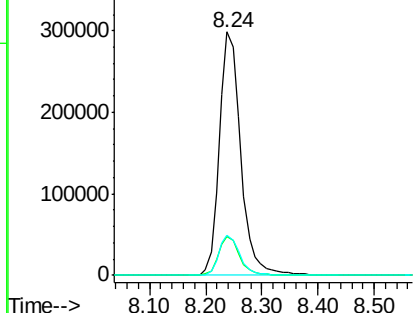
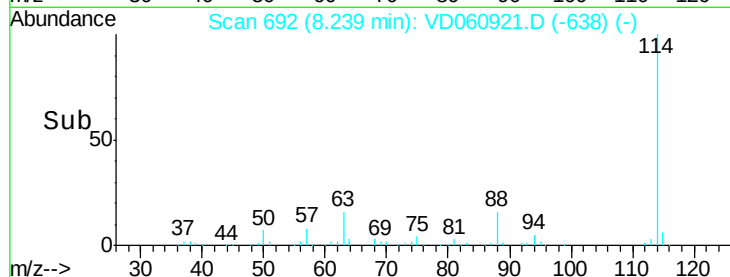
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060921.D
 Acq: 4 Mar 2019 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-033-A

Tot Ion:114 Resp: 795981
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 32.0
 88 16.4 0.0 32.8

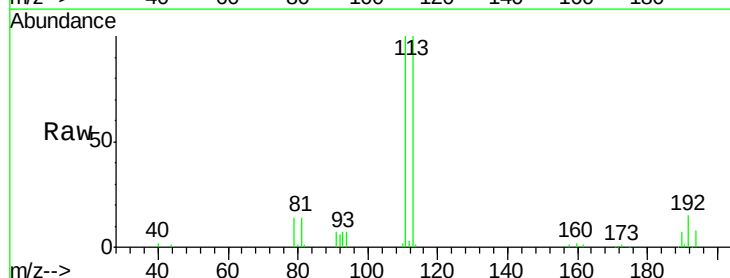


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

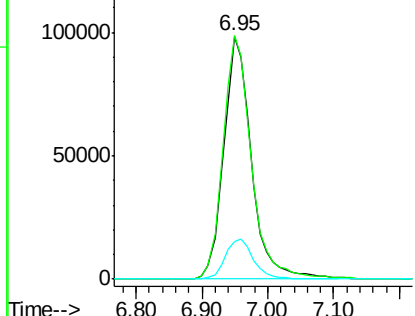
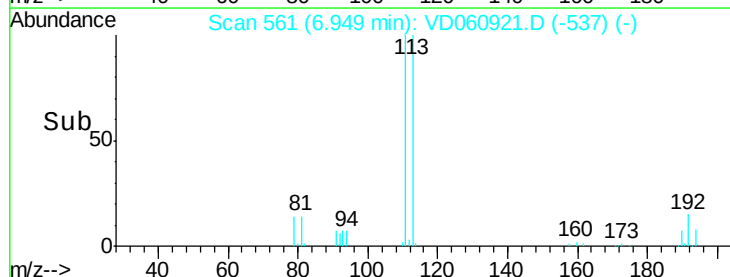


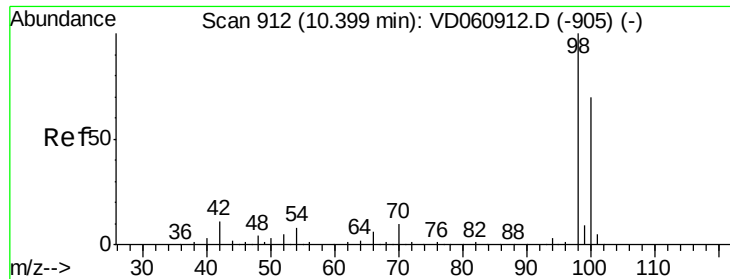
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD060921.D
 Acq: 4 Mar 2019 14:08

Tgt Ion:113 Resp: 289975
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.6 124.0
 192 15.3 13.4 20.2



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

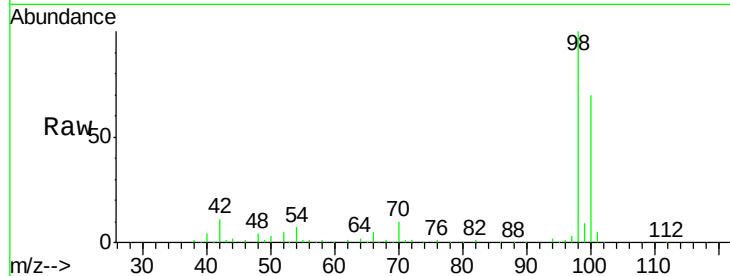




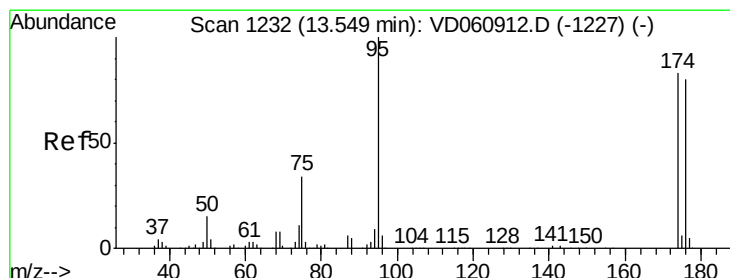
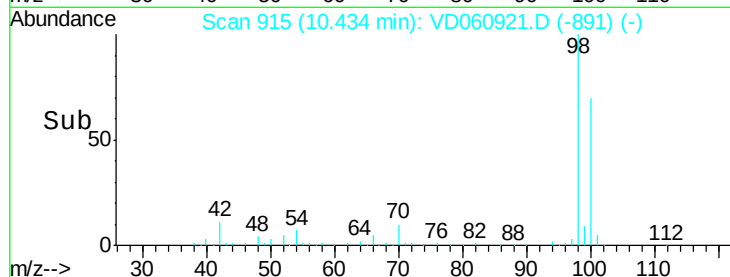
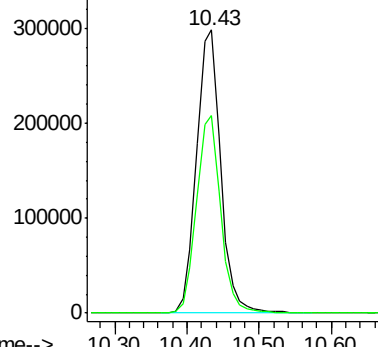
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-033-A

Tot Ion: 98 Resp: 692976
Ion Ratio Lower Upper
98 100
100 70.0 57.0 85.4

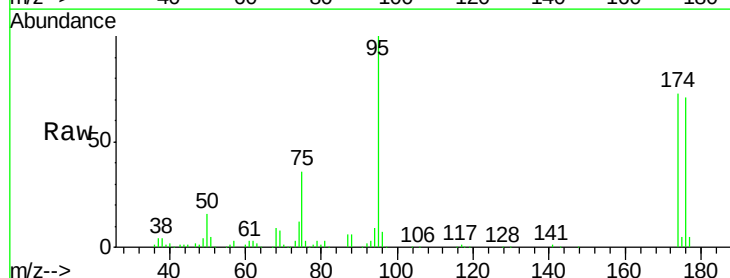


Abundance Ion 98.05 (97.75 to 98.75): VD060921.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060921.D (-905) (-)

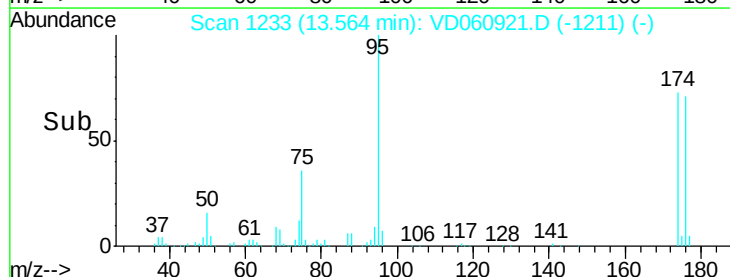
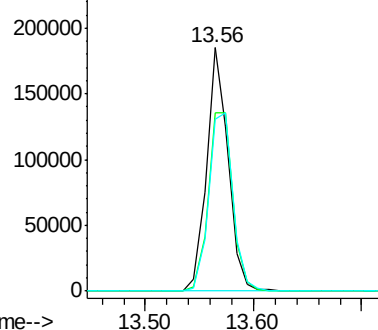


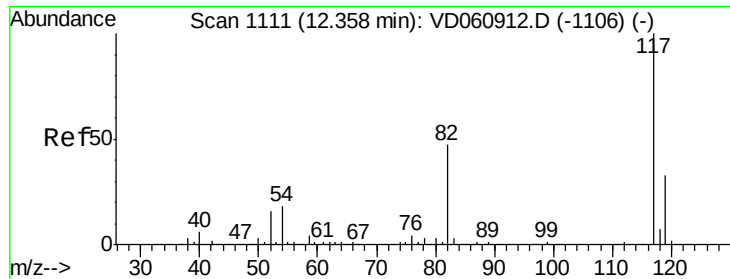
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

Tgt Ion: 95 Resp: 255379
Ion Ratio Lower Upper
95 100
174 73.3 0.0 165.6
176 70.5 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

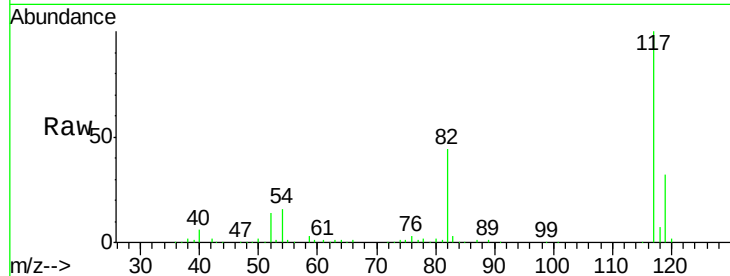




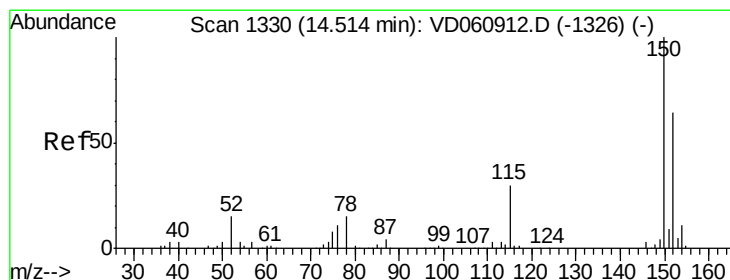
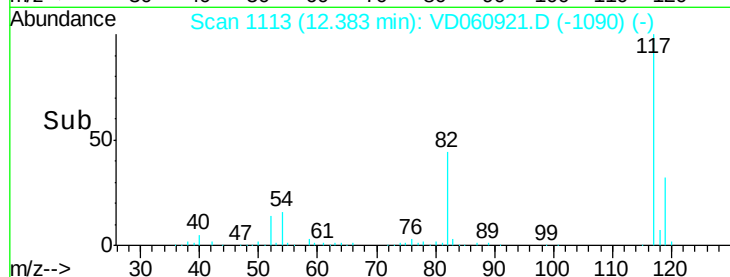
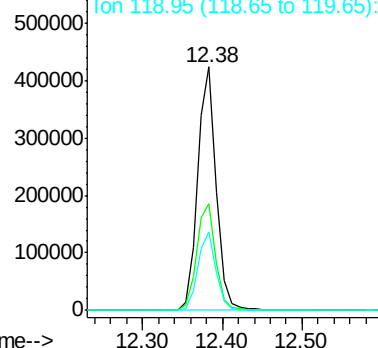
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

Instrument :
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ClientSampleId :
FK-GF-02-033-A

Tot Ion:117 Resp: 693097
Ion Ratio Lower Upper
117 100
82 43.7 37.5 56.3
119 32.1 26.2 39.2

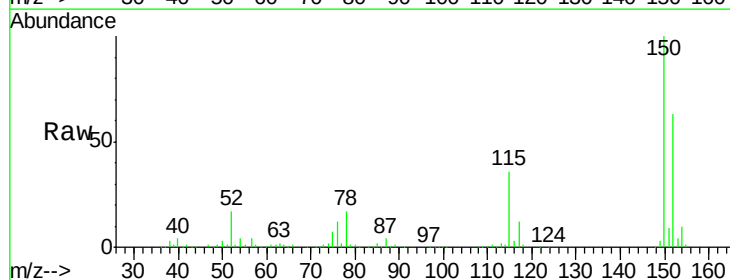


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD060921.D
Acq: 4 Mar 2019 14:08

Tgt Ion:152 Resp: 274251
Ion Ratio Lower Upper
152 100
115 56.5 27.6 82.8
150 158.1 0.0 312.8



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

