

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060926.D
 Acq On : 4 Mar 2019 16:27
 Operator : VA/AP
 Sample : K1670-04
 Misc : 6.94g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-032-B

Quant Time: Mar 05 02:27:53 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

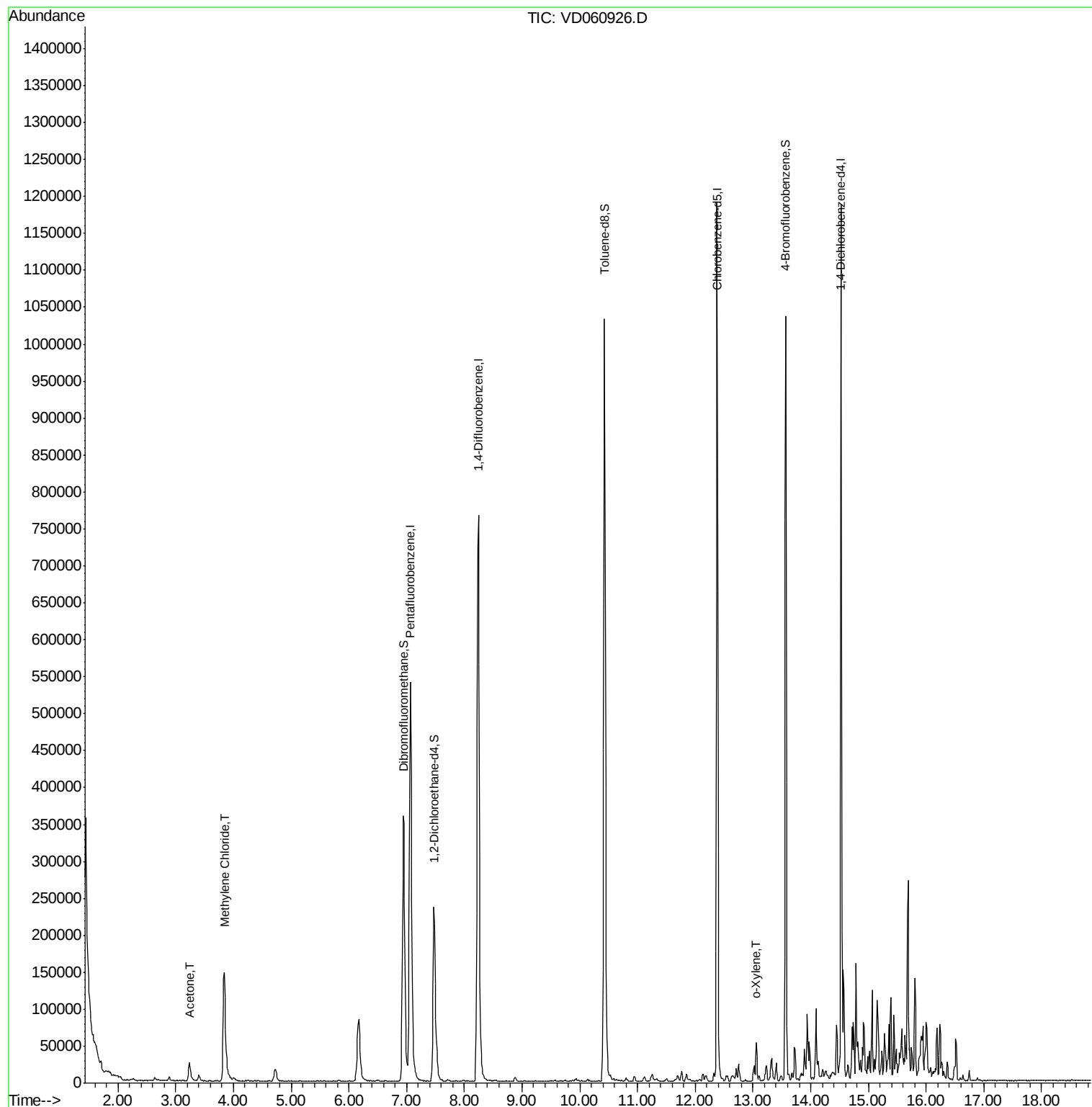
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	585205	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	995740	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	736088	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	284797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	207022	42.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.58%	
35) Dibromofluoromethane	6.94	113	360228	45.13	ug/l	0.03
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	10.43	98	893472	44.98	ug/l	0.03
Spiked Amount	50.000		Recovery	=	89.96%	
62) 4-Bromofluorobenzene	13.57	95	325110	43.31	ug/l	0.02
Spiked Amount	50.000		Recovery	=	86.62%	
Target Compounds						
16) Acetone	3.24	43	49369	30.563	ug/l	91
20) Methylene Chloride	3.84	84	112510	11.909	ug/l	94
69) o-Xylene	13.06	106	12007	1.341	ug/l	92

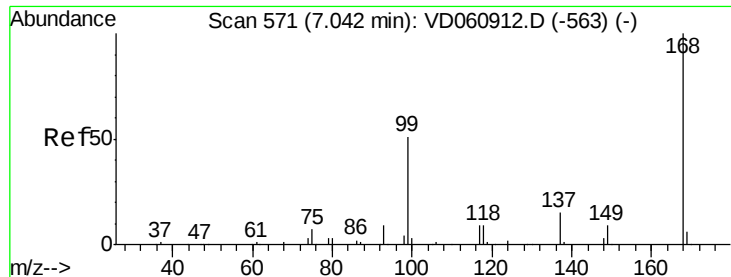
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030419\
Data File : VD060926.D
Acq On : 4 Mar 2019 16:27
Operator : VA/AP
Sample : K1670-04
Misc : 6.94g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Quant Time: Mar 05 02:27:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD060926.D

Acq: 4 Mar 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

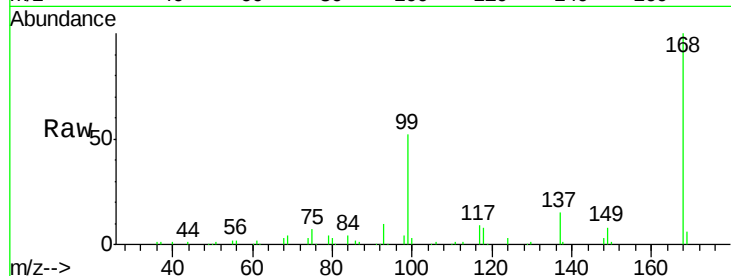
FK-GF-02-032-B

Tot Ion:168 Resp: 585205

Ion Ratio Lower Upper

168 100

99 51.9 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

200000

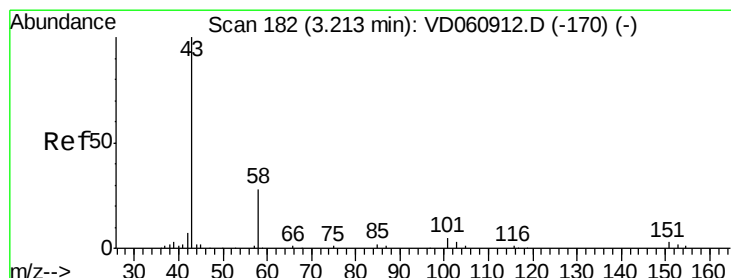
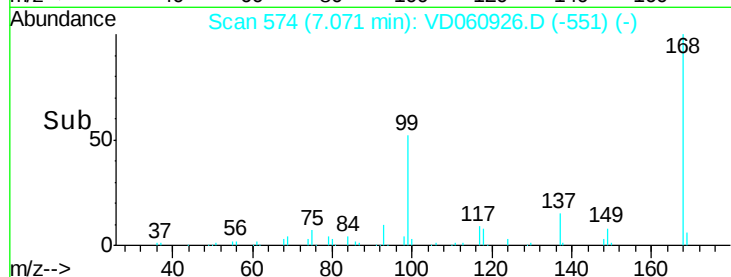
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 30.563 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.03 min

Lab File: VD060926.D

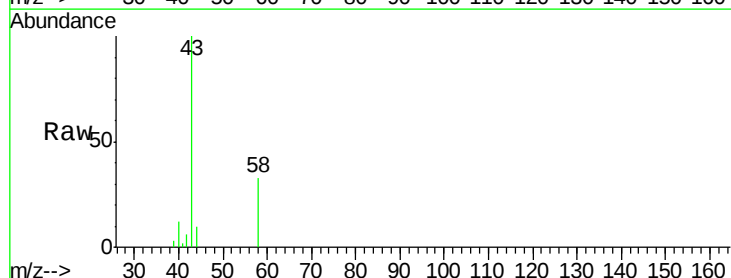
Acq: 4 Mar 2019 16:27

Tgt Ion: 43 Resp: 49369

Ion Ratio Lower Upper

43 100

58 33.3 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

20000

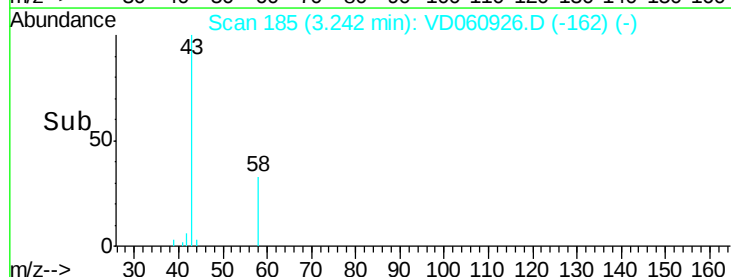
15000

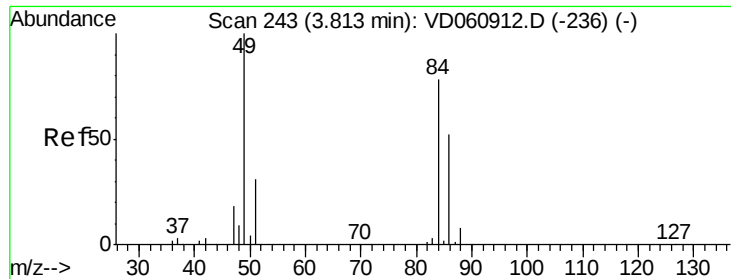
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

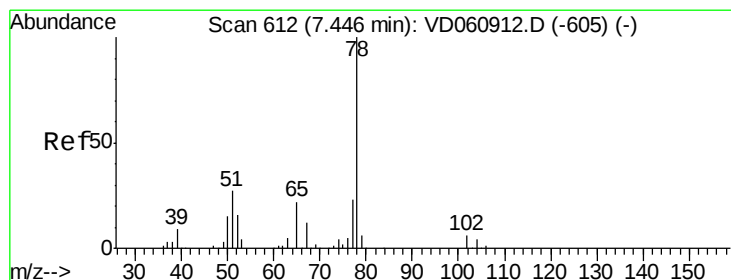
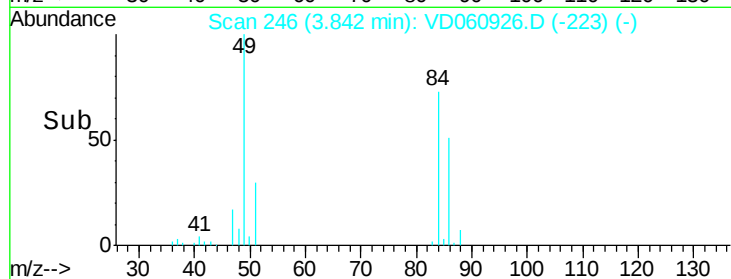
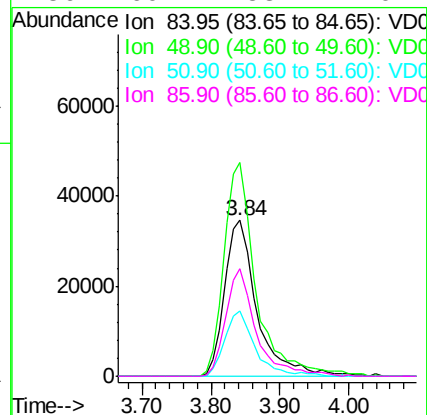
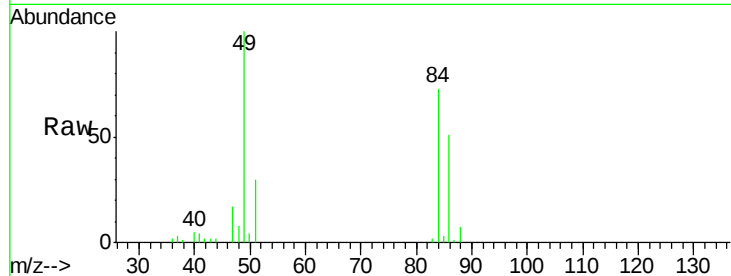




#20
Methylene Chloride
Concen: 11.909 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

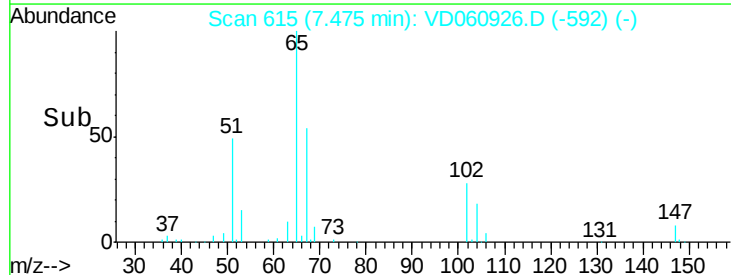
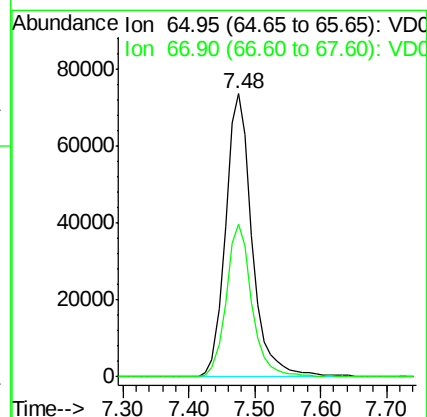
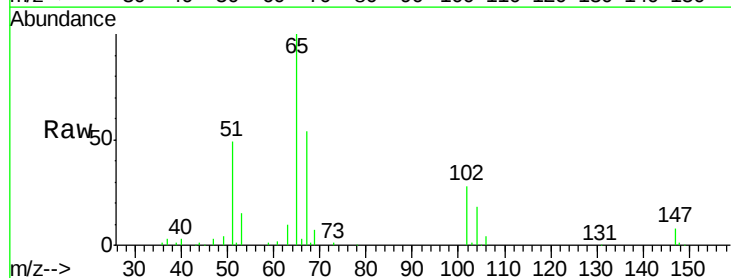
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

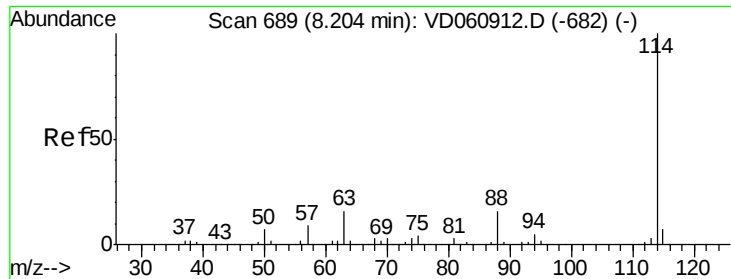
Tot Ion: 84 Resp: 112510
Ion Ratio Lower Upper
84 100
49 136.8 102.4 153.6
51 41.5 31.9 47.9
86 69.1 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 65 Resp: 207022
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD060926.D

Acq: 4 Mar 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-032-B

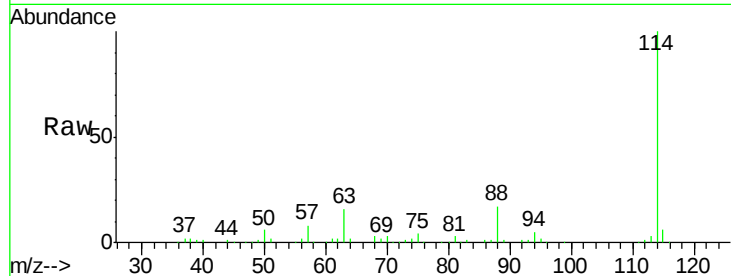
Tot Ion:114 Resp: 995740

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.0

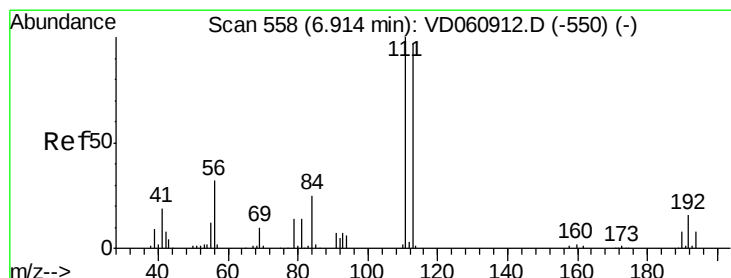
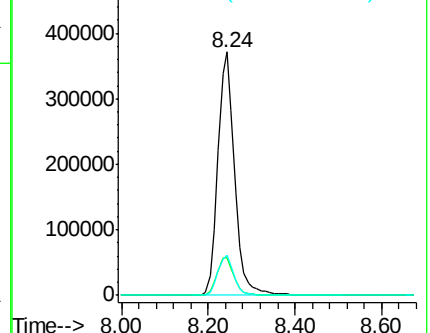
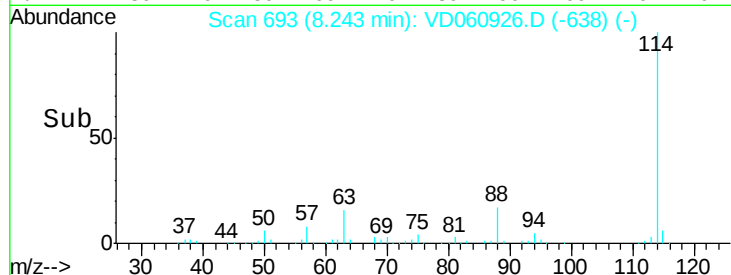
88 16.6 0.0 32.8



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: 6.94 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD060926.D

Acq: 4 Mar 2019 16:27

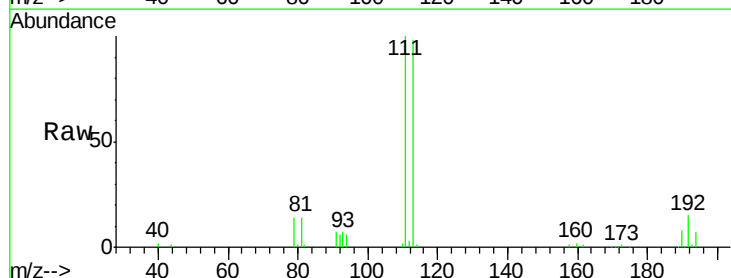
Tgt Ion:113 Resp: 360228

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

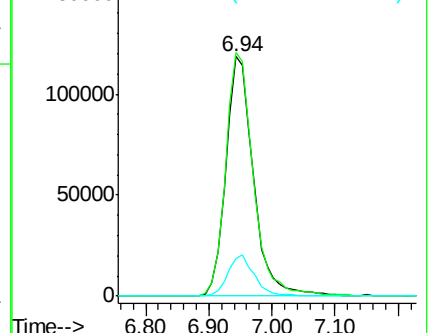
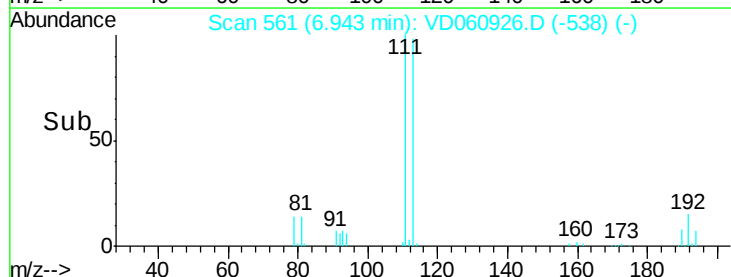
192 15.7 13.4 20.2

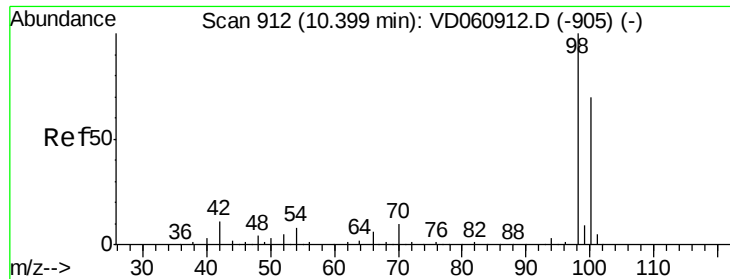


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD060926.D

Acq: 4 Mar 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

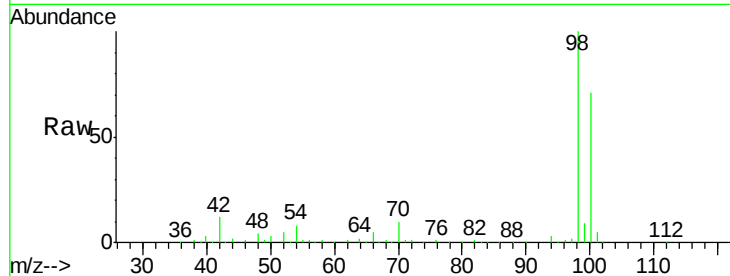
FK-GF-02-032-B

Tot Ion: 98 Resp: 893472

Ion Ratio Lower Upper

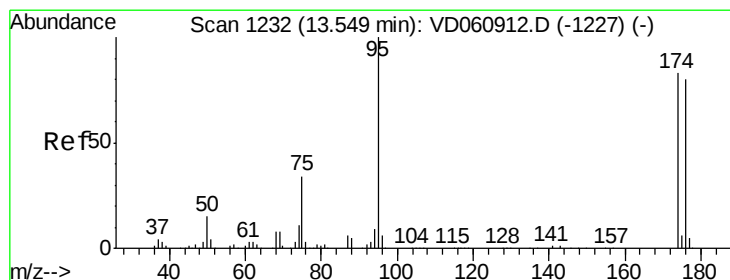
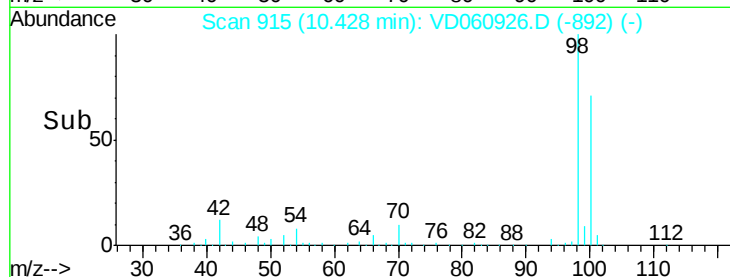
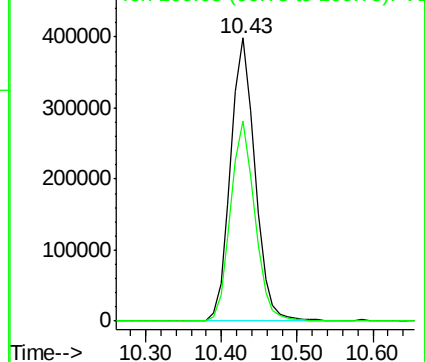
98 100

100 70.8 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD060926.D

Acq: 4 Mar 2019 16:27

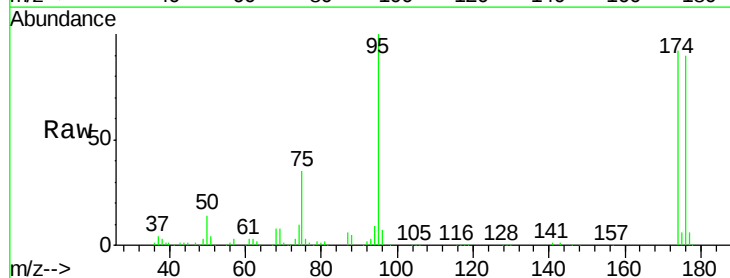
Tgt Ion: 95 Resp: 325110

Ion Ratio Lower Upper

95 100

174 92.5 0.0 165.6

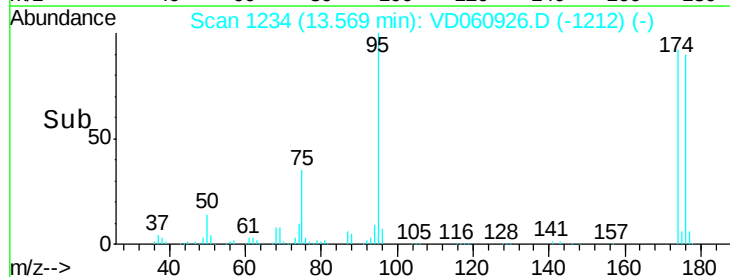
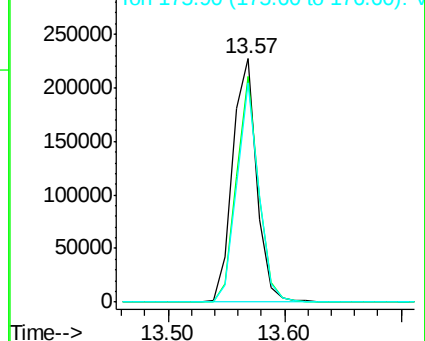
176 89.9 0.0 160.6

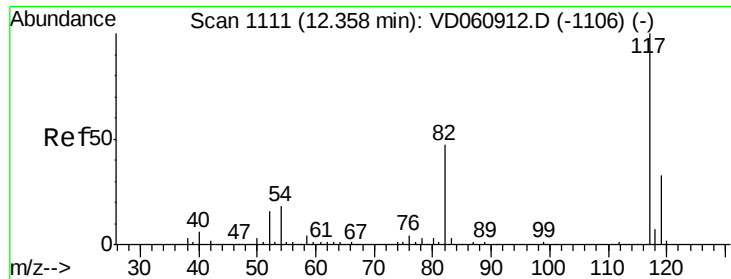


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

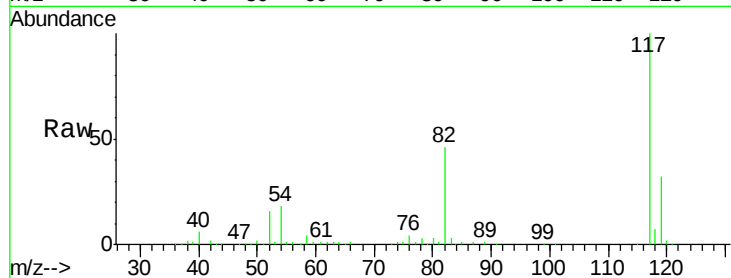




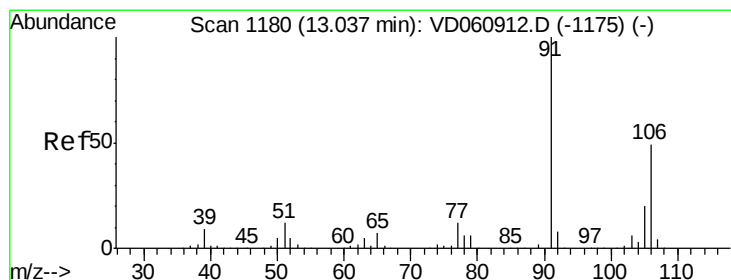
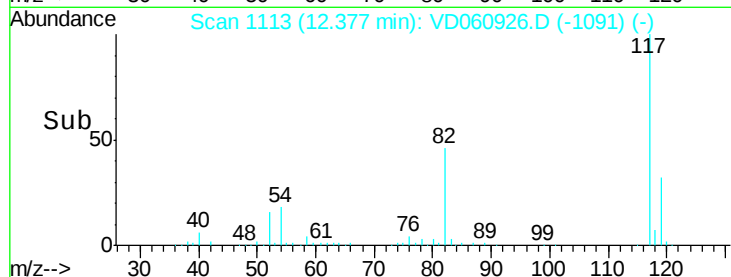
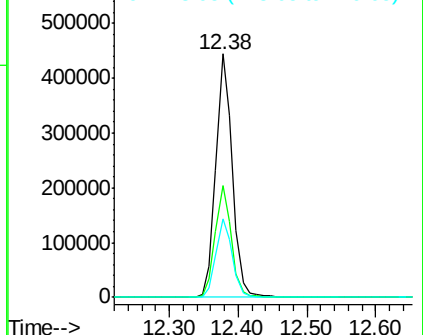
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tot Ion:117 Resp: 736088
Ion Ratio Lower Upper
117 100
82 45.7 37.5 56.3
119 32.1 26.2 39.2

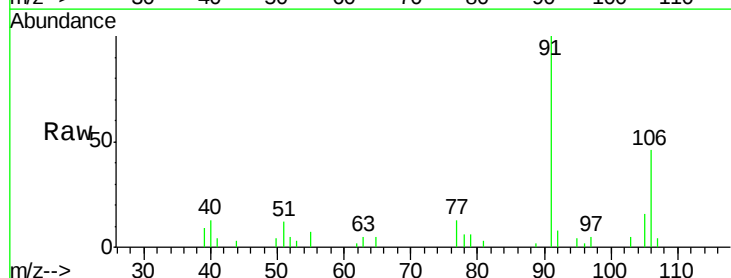


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

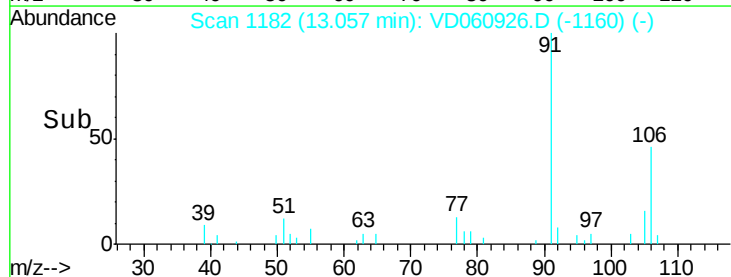
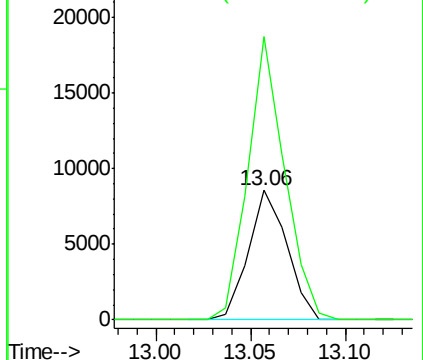


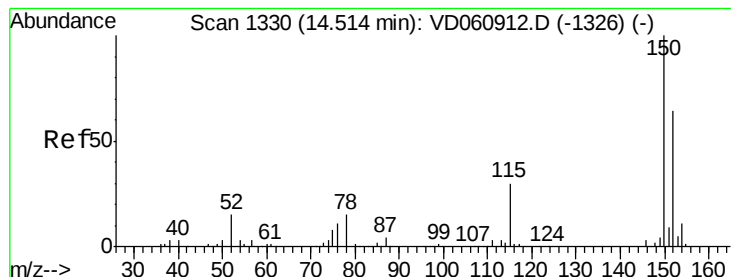
#69
o-Xylene
Concen: 1.341 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion:106 Resp: 12007
Ion Ratio Lower Upper
106 100
91 218.6 102.9 308.7



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): 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: VD060926.D

Acq: 4 Mar 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-032-B

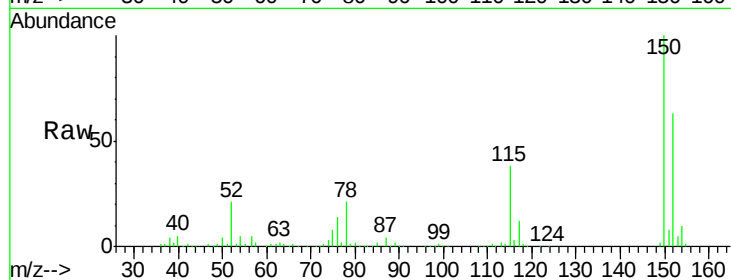
Tot Ion:152 Resp: 284797

Ion Ratio Lower Upper

152 100

115 59.2 27.6 82.8

150 157.6 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

