

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059840.D
 Acq On : 20 Aug 2018 19:39
 Operator : JC/SY
 Sample : J4542-02
 Misc : 10.75g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-024-A

Quant Time: Aug 21 05:42:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.59	168	1016776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	1463349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.65	117	1155666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	530069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.97	65	419583	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	567677	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.67	98	1456964	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.90	95	558335	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

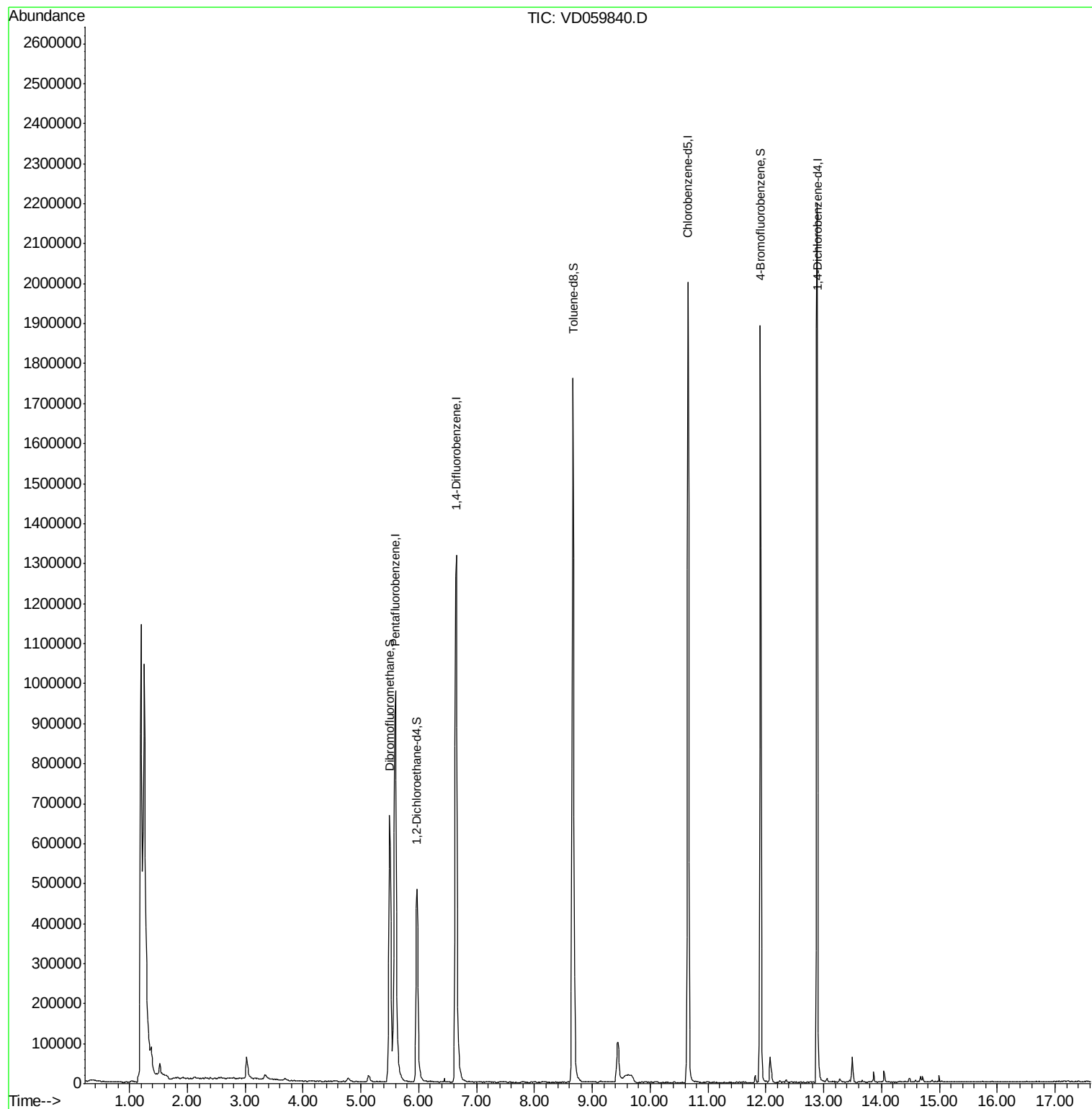
Target Compounds	Qvalue

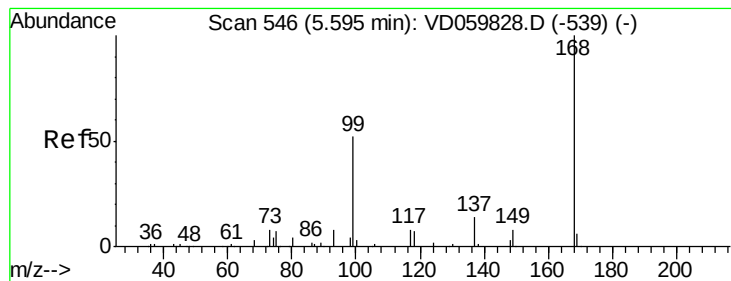
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.59 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD059840.D

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Instrument :

MSVOA_D

ClientSampleId :

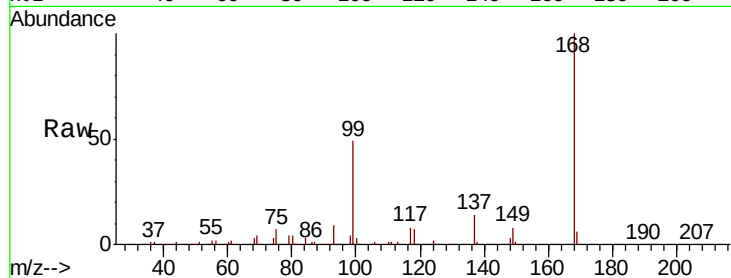
FK-GF-02-024-A

Tot Ion:168 Resp: 1016776

Ion Ratio Lower Upper

168 100

99 48.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.59

400000

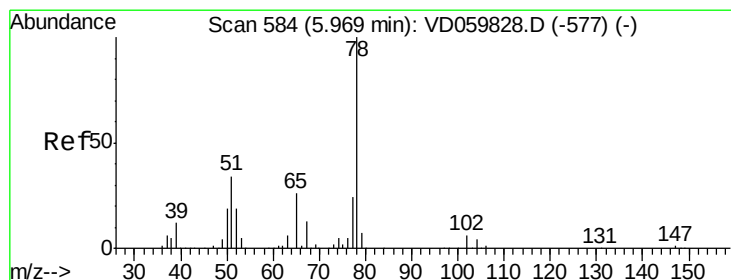
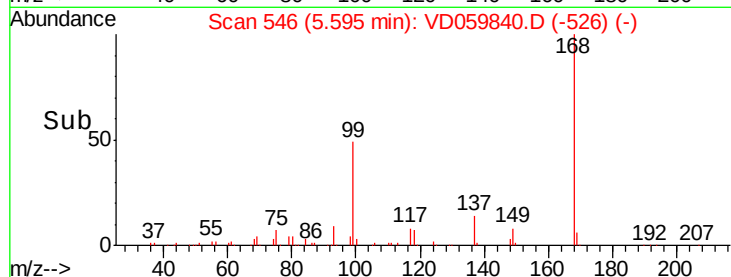
300000

200000

100000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VD059840.D

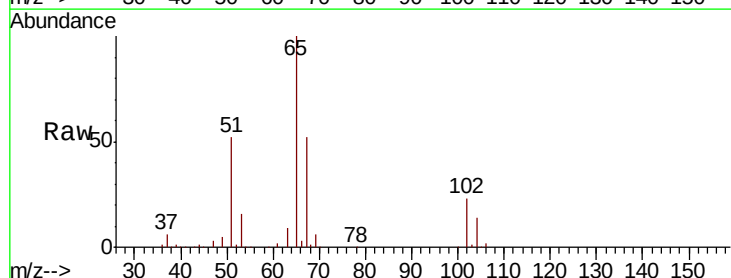
Acq: 20 Aug 2018 19:39

Tgt Ion: 65 Resp: 419583

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.97

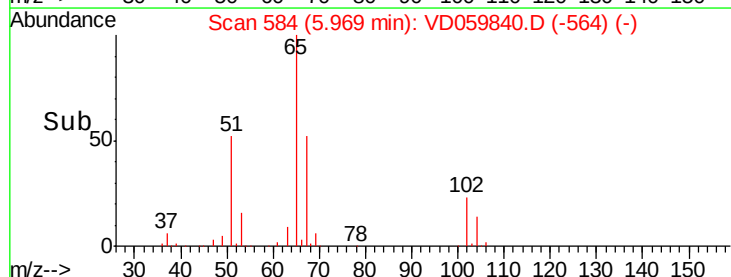
150000

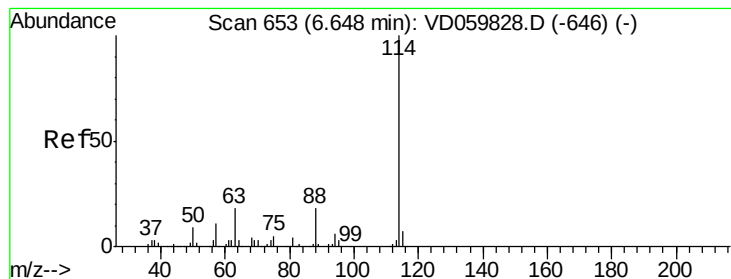
100000

50000

0

Time--> 5.80 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: VD059840.D

Acq: 20 Aug 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-024-A

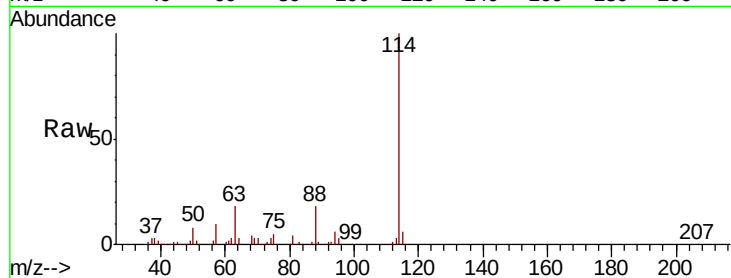
Tot Ion:114 Resp: 1463349

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.0

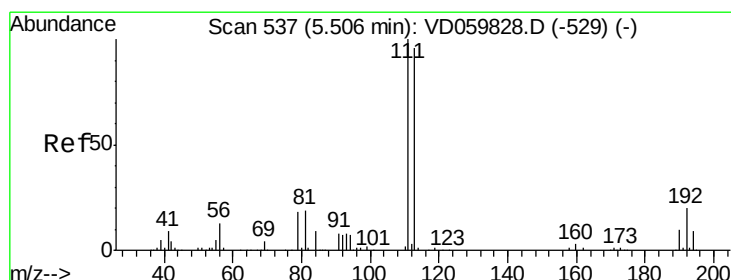
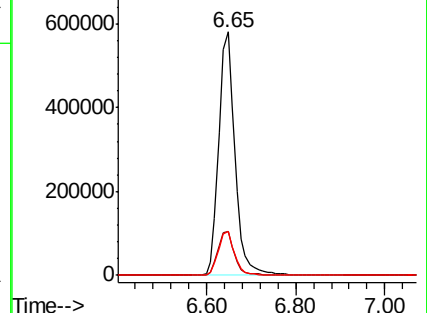
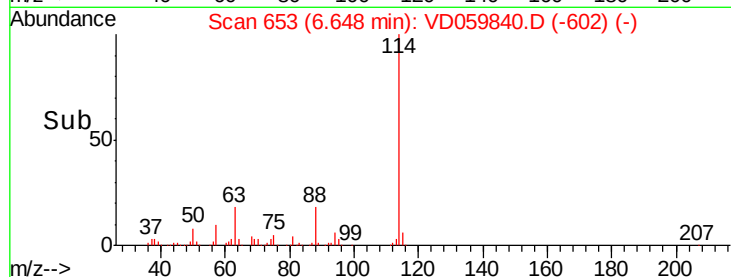
88 18.0 0.0 37.0



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: 50.00 ug/l

RT: 5.50 min Scan# 536

Delta R.T. -0.01 min

Lab File: VD059840.D

Acq: 20 Aug 2018 19:39

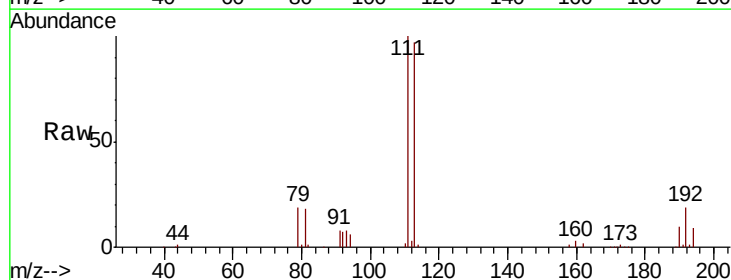
Tgt Ion:113 Resp: 567677

Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

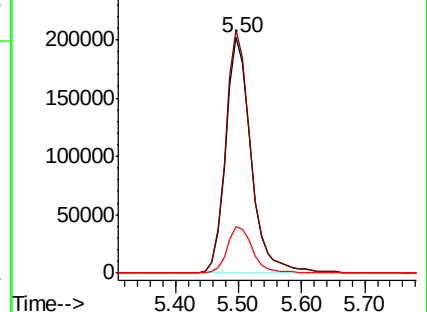
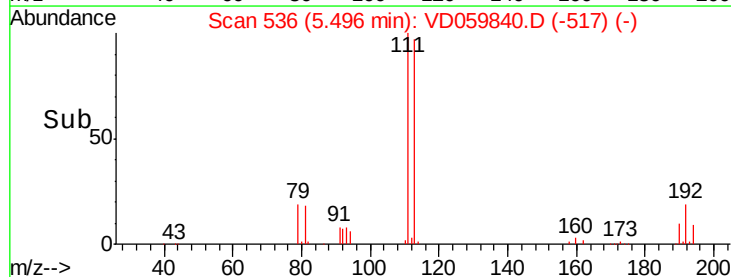
192 19.9 16.8 25.2

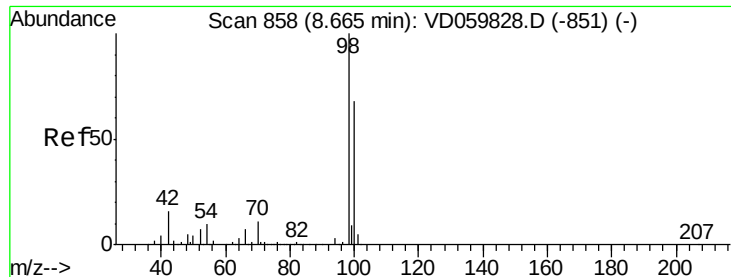


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.67 min Scan# 858

Delta R.T. 0.00 min

Lab File: VD059840.D

Acq: 20 Aug 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

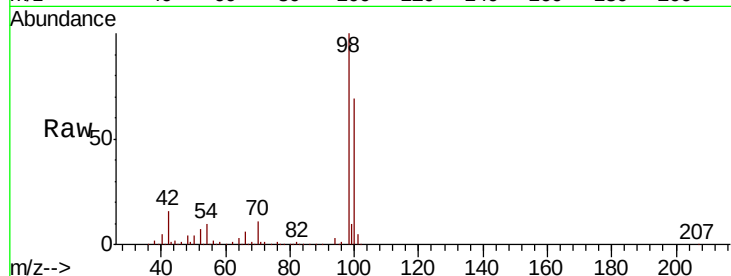
FK-GF-02-024-A

Tot Ion: 98 Resp: 1456964

Ion Ratio Lower Upper

98 100

100 68.7 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.67

600000

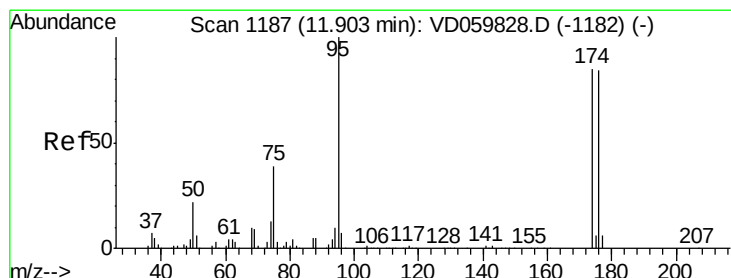
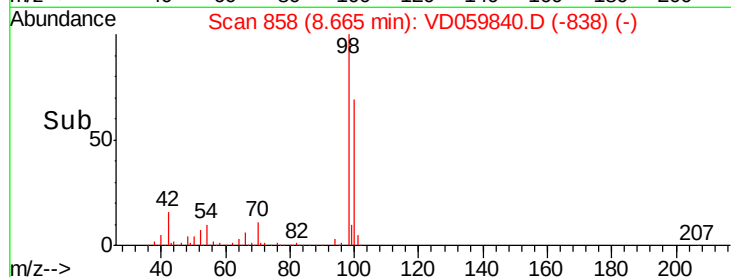
400000

200000

0

8.50 8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.90 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059840.D

Acq: 20 Aug 2018 19:39

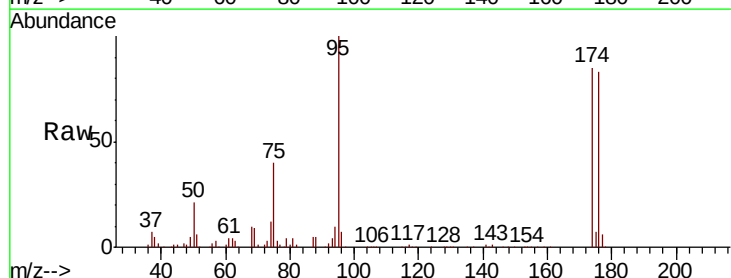
Tgt Ion: 95 Resp: 558335

Ion Ratio Lower Upper

95 100

174 85.1 0.0 169.2

176 82.8 0.0 168.0



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

500000

400000

300000

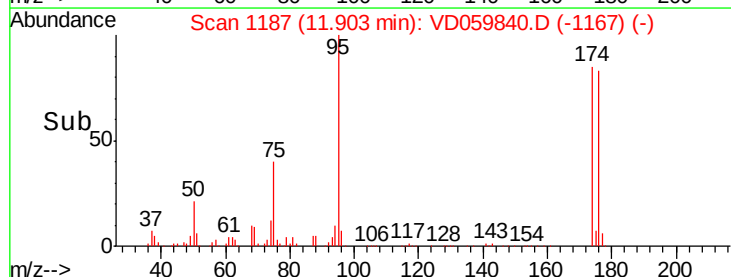
200000

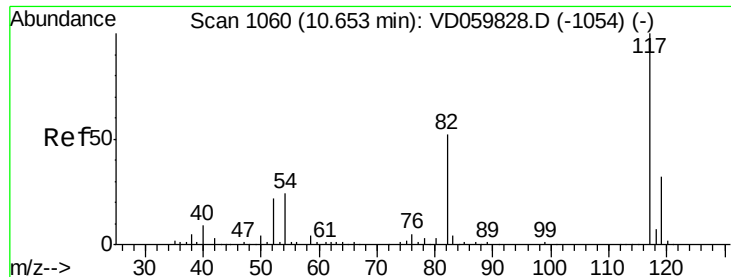
100000

0

11.80 11.90 12.00 12.10

Time-->

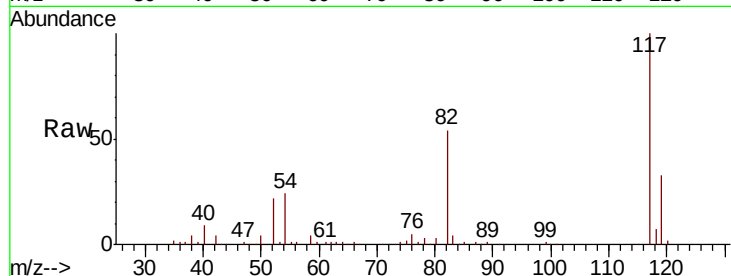




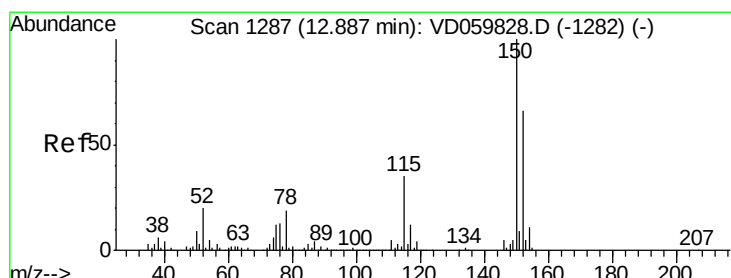
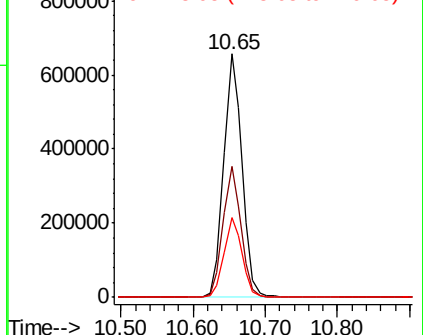
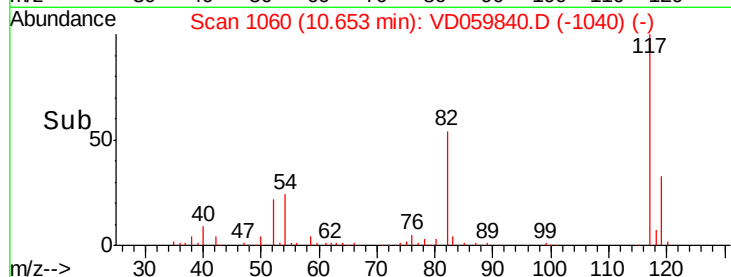
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.65 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD059840.D
Acq: 20 Aug 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-024-A

Tot Ion:117 Resp: 1155666
Ion Ratio Lower Upper
117 100
82 54.0 41.6 62.4
119 32.7 25.6 38.4

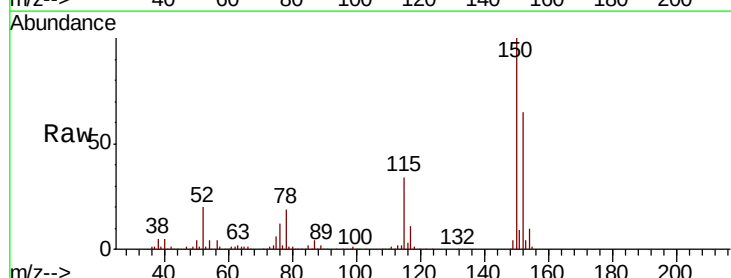


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059840.D
Acq: 20 Aug 2018 19:39

Tgt Ion:152 Resp: 530069
Ion Ratio Lower Upper
152 100
115 51.9 26.9 80.6
150 153.4 0.0 306.8



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

