

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058141.D
 Acq On : 14 Jun 2018 17:48
 Operator : VA/AP
 Sample : J3481-02
 Misc : 10.20g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-021-A

Quant Time: Jun 15 07:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

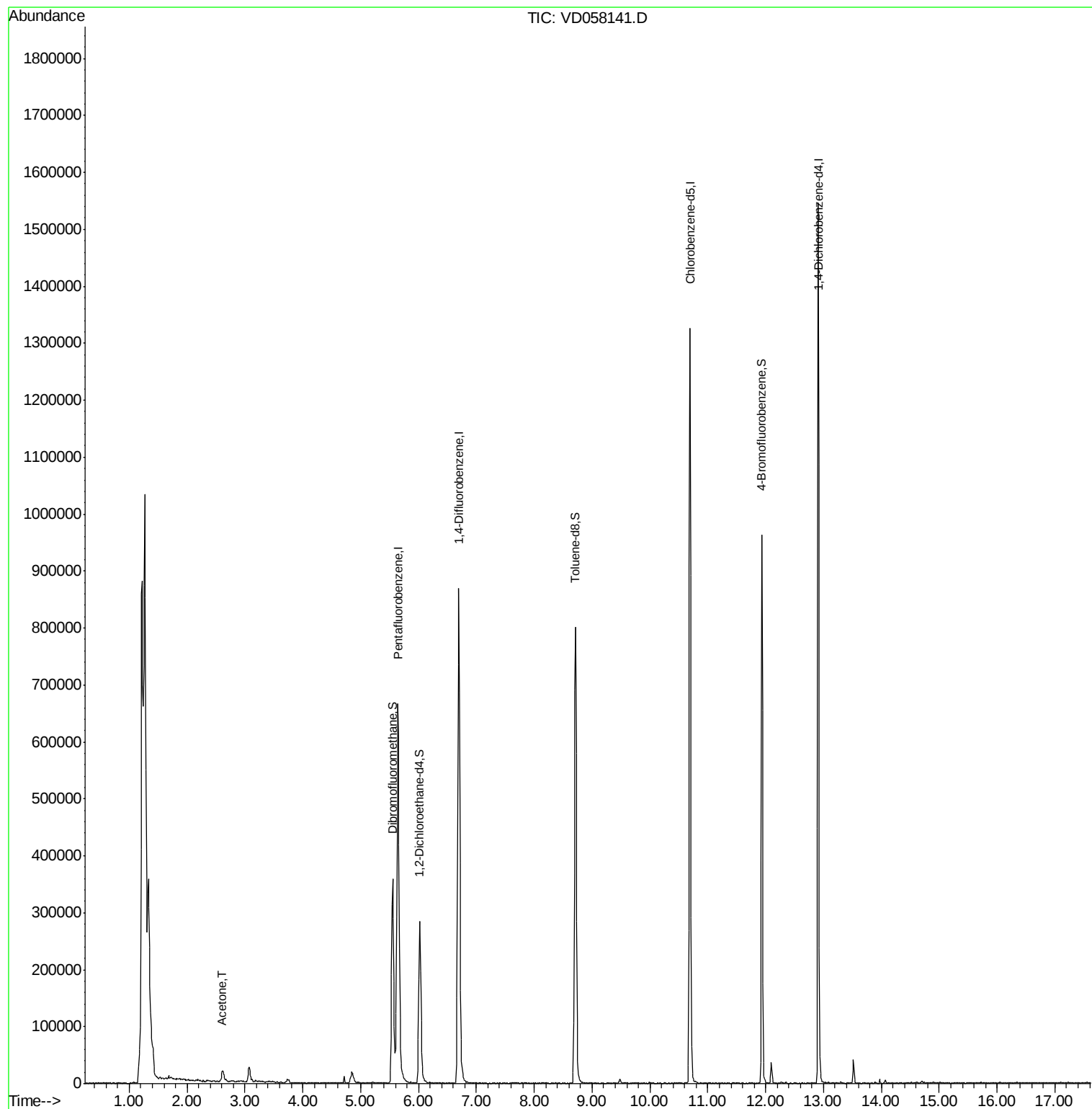
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	661715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	874406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	688835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	326706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	285207	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	5.55	113	286405	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
50) Toluene-d8	8.71	98	624816	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
62) 4-Bromofluorobenzene	11.93	95	253800	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	
Target Compounds						
16) Acetone	2.61	43	44847	47.053	ug/l #	90

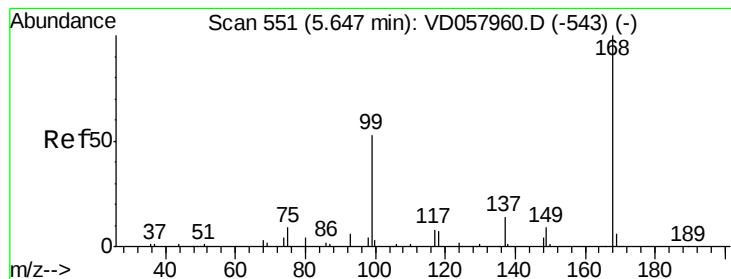
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058141.D

Acq: 14 Jun 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

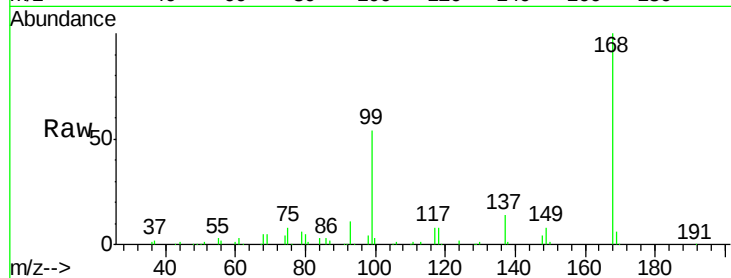
FK-GF-02-021-A

Tot Ion:168 Resp: 661715

Ion Ratio Lower Upper

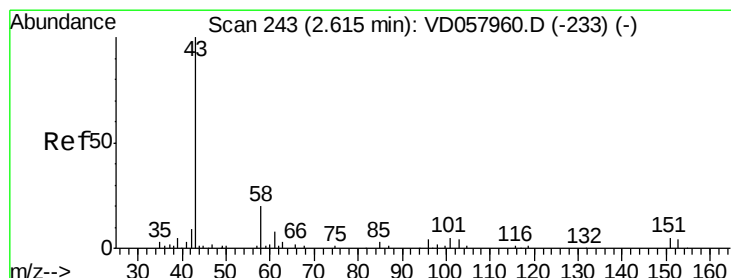
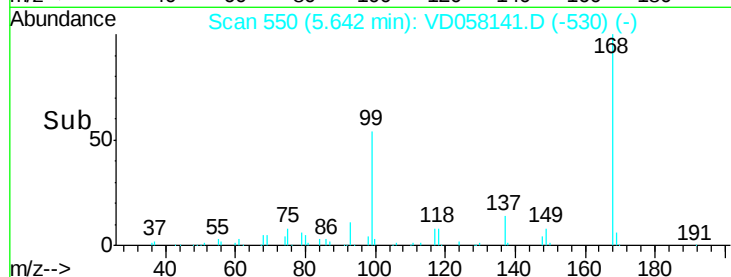
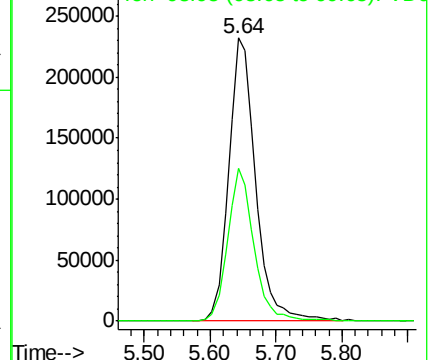
168 100

99 53.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 47.053 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD058141.D

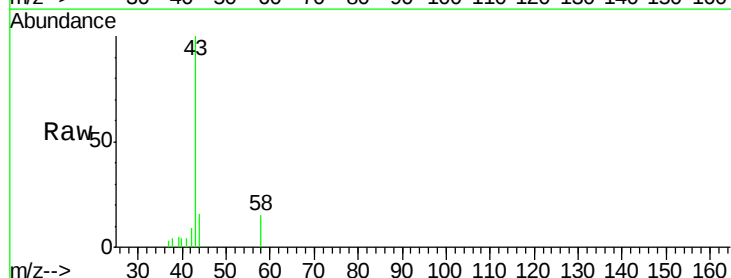
Acq: 14 Jun 2018 17:48

Tgt Ion: 43 Resp: 44847

Ion Ratio Lower Upper

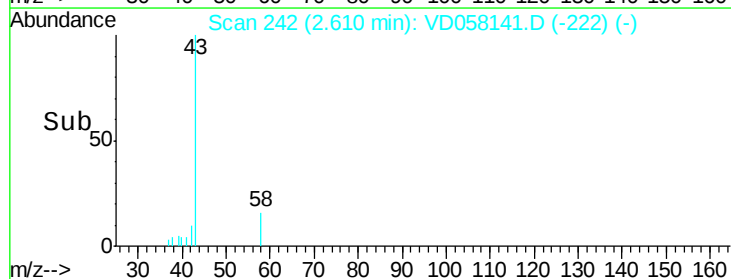
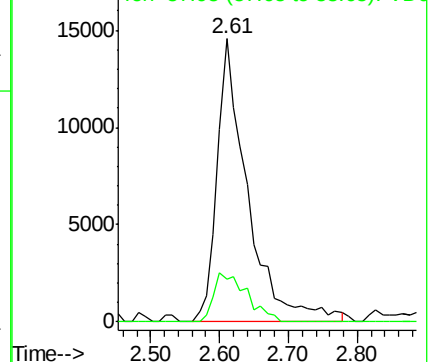
43 100

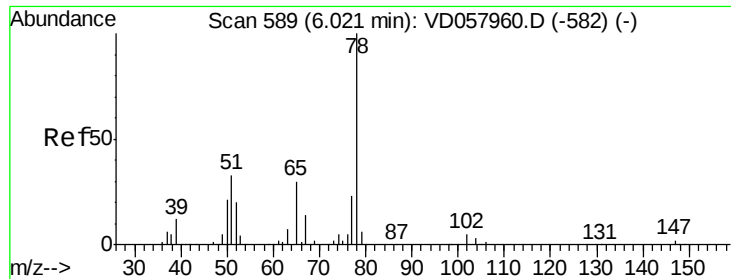
58 15.2 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.00 min

Lab File: VD058141.D

Acq: 14 Jun 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

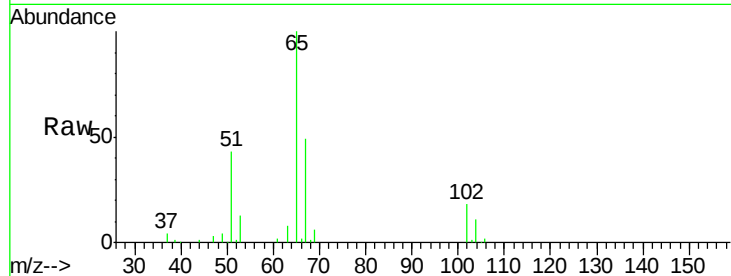
FK-GF-02-021-A

Tot Ion: 65 Resp: 285207

Ion Ratio Lower Upper

65 100

67 49.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.03

120000

100000

80000

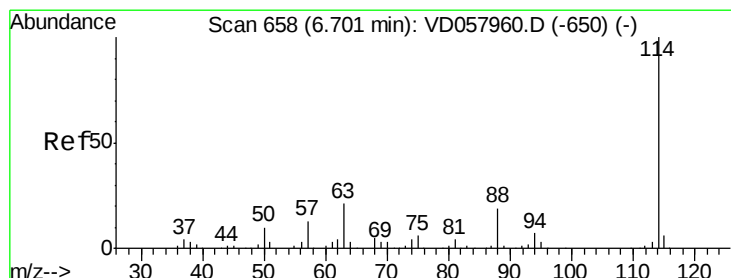
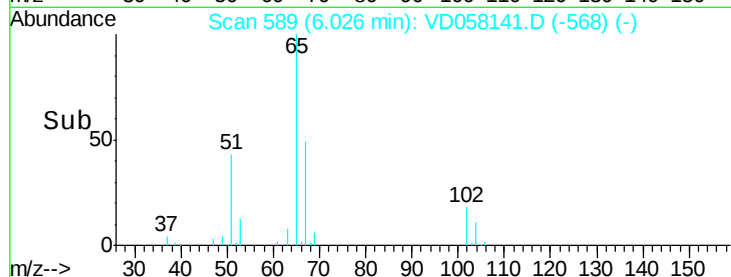
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058141.D

Acq: 14 Jun 2018 17:48

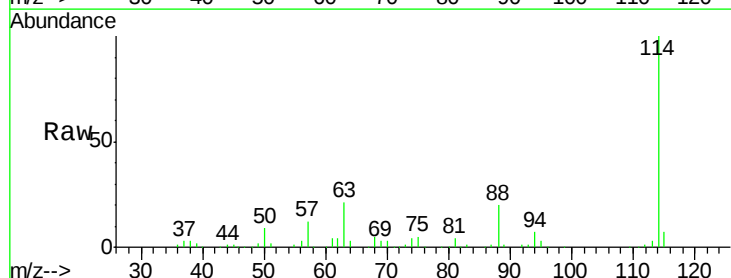
Tgt Ion: 114 Resp: 874406

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 19.8 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

6.70

400000

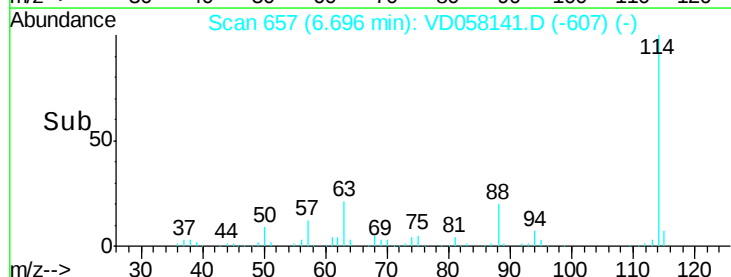
300000

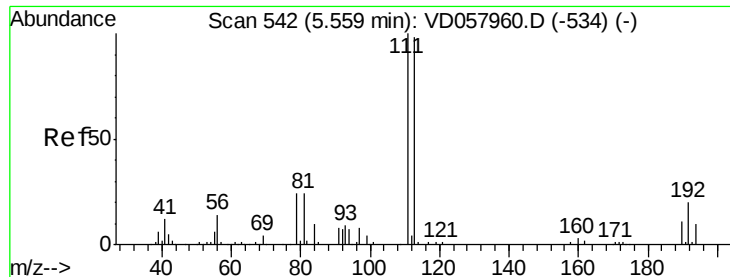
200000

100000

0

Time-->

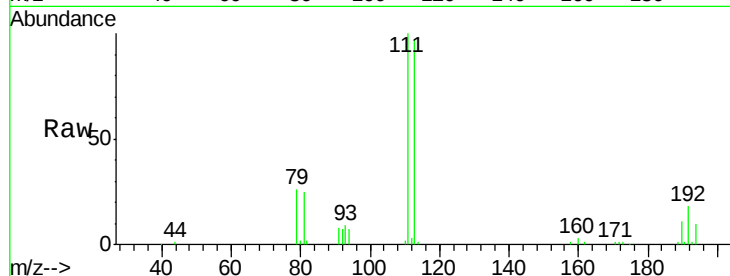




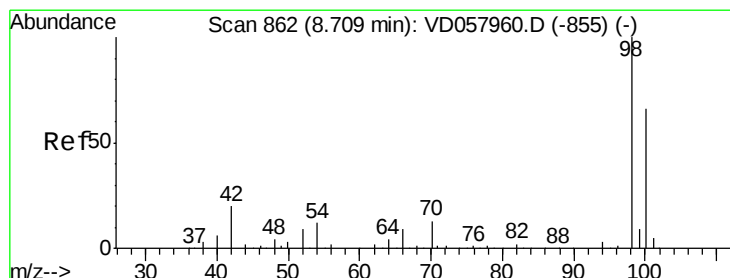
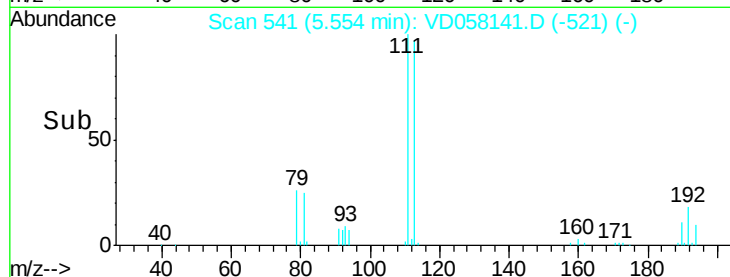
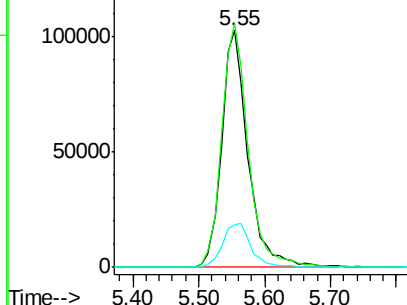
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VD058141.D
 Acq: 14 Jun 2018 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-021-A

Tot Ion:113 Resp: 286405
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.5 122.3
 192 18.2 16.4 24.6

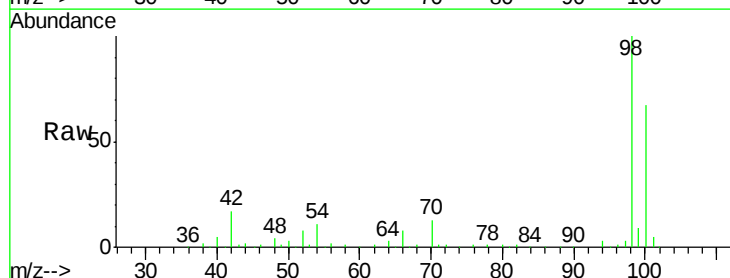


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

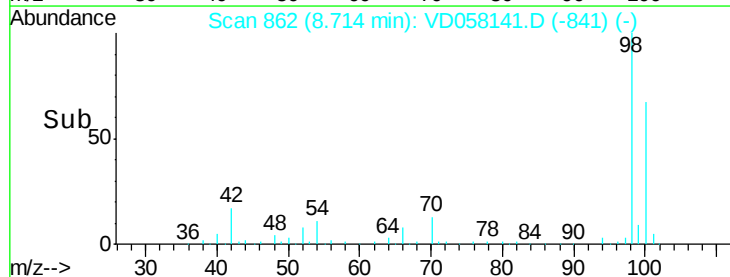
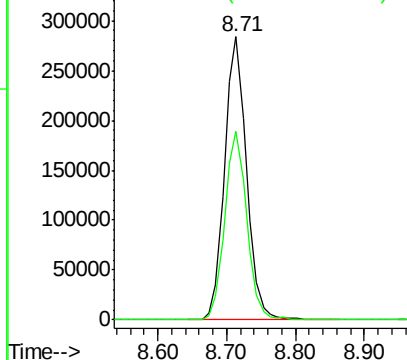


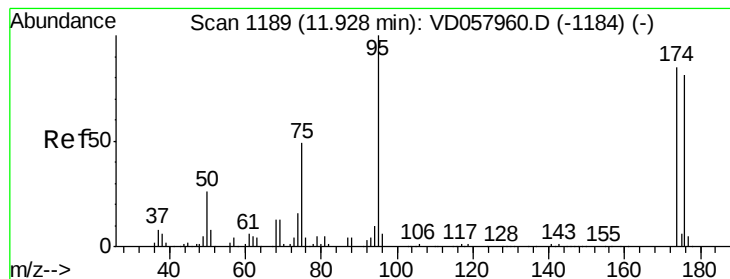
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VD058141.D
 Acq: 14 Jun 2018 17:48

Tgt Ion: 98 Resp: 624816
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.4 80.0



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: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058141.D

Acq: 14 Jun 2018 17:48

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-021-A

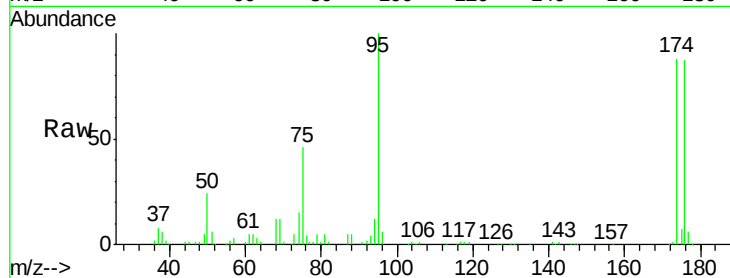
Tot Ion: 95 Resp: 253800

Ion Ratio Lower Upper

95 100

174 88.2 0.0 169.4

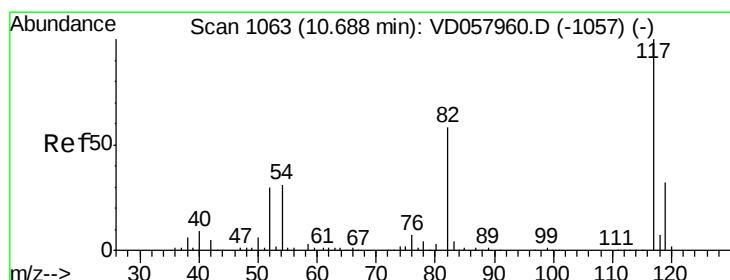
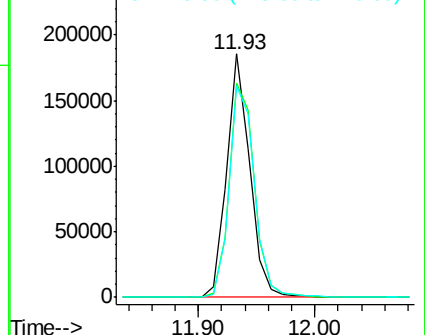
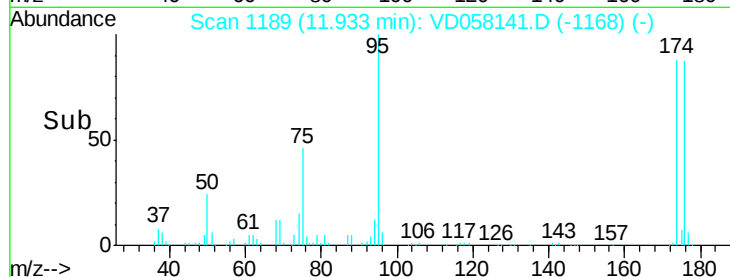
176 87.1 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058141.D

Acq: 14 Jun 2018 17:48

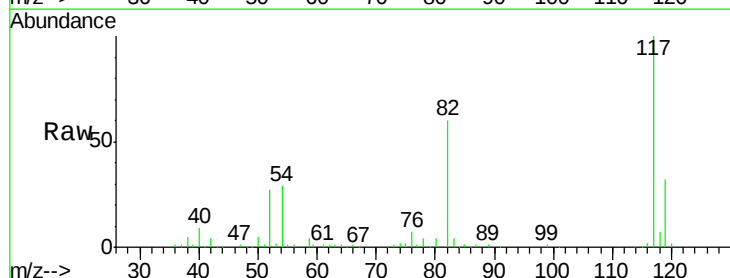
Tgt Ion: 117 Resp: 688835

Ion Ratio Lower Upper

117 100

82 60.2 46.8 70.2

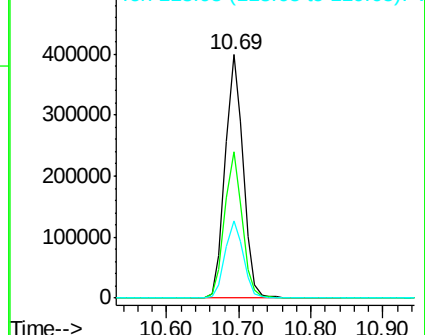
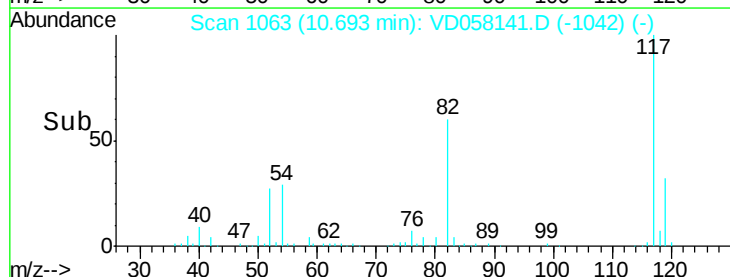
119 31.7 25.8 38.6

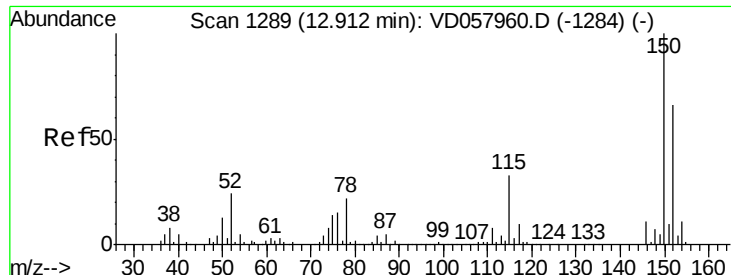


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

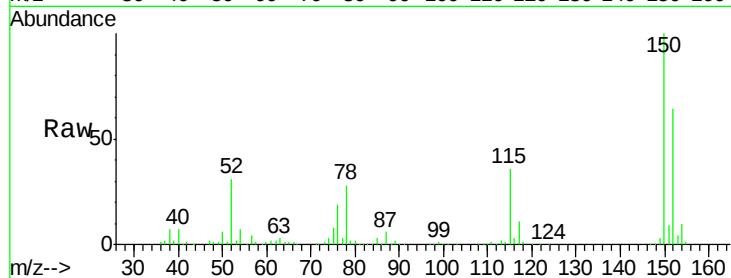




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD058141.D
 Acq: 14 Jun 2018 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-021-A

Tot Ion:152 Resp: 326706
 Ion Ratio Lower Upper
 152 100
 115 56.8 25.6 76.6
 150 156.5 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

