

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059637.D
 Acq On : 31 Jul 2018 00:03
 Operator : VA/AP
 Sample : J4192-04
 Misc : 9.85g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

Quant Time: Jul 31 07:09:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

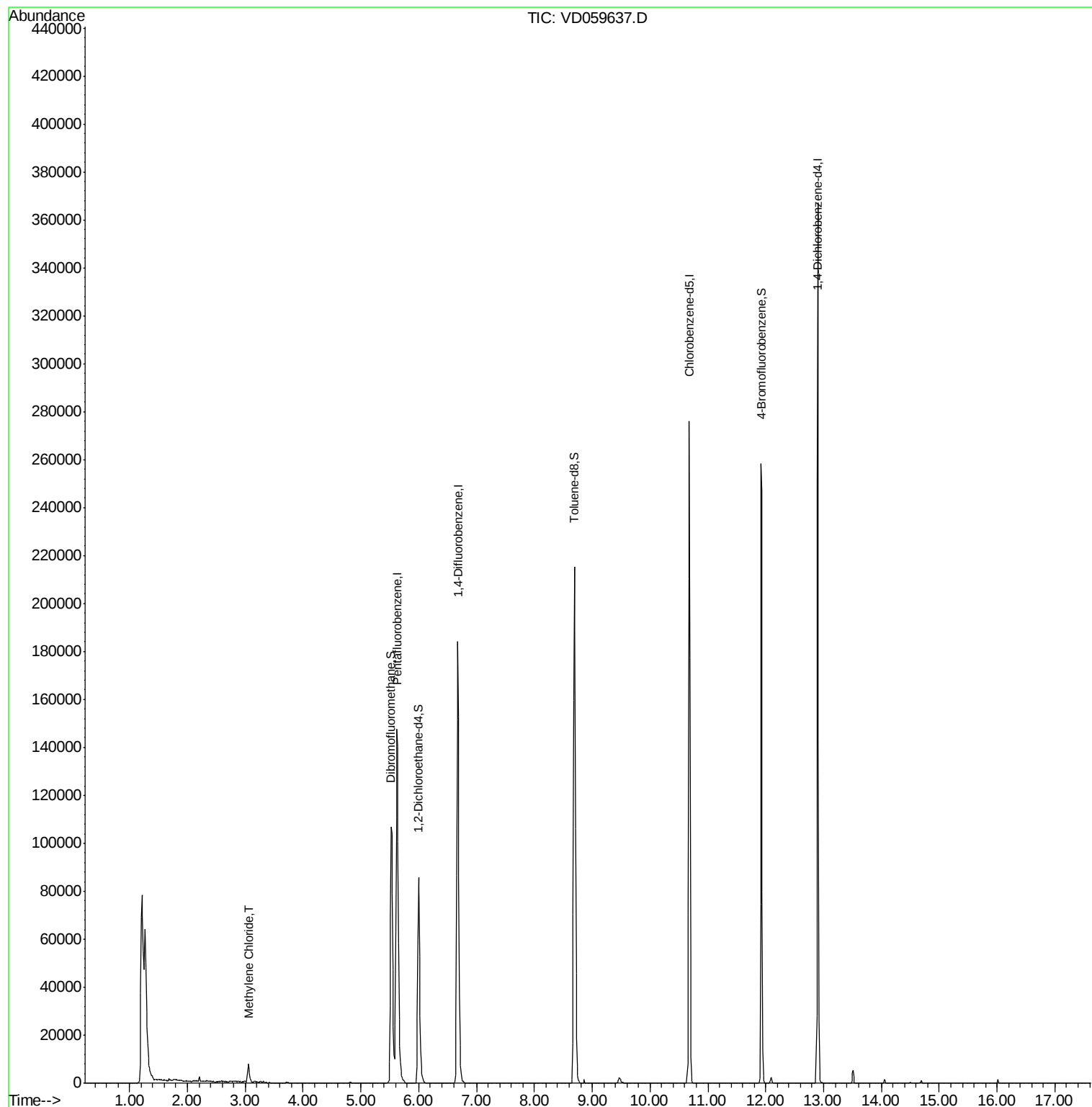
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	137938	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	176592	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	136488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	73908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	99246	57.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	5.52	113	86416	57.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.10%	
50) Toluene-d8	8.69	98	169814	49.42	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.92	95	75601	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
20) Methylene Chloride	3.05	84	3683	4.93	ug/l	Qvalue # 72

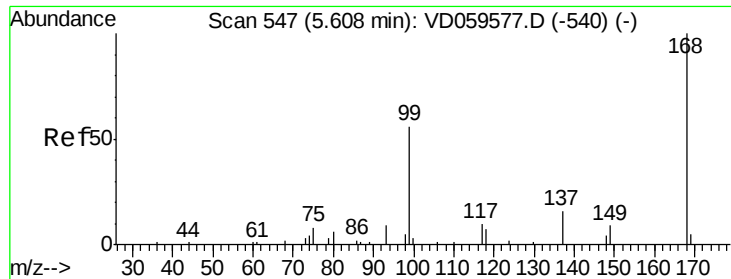
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.01 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

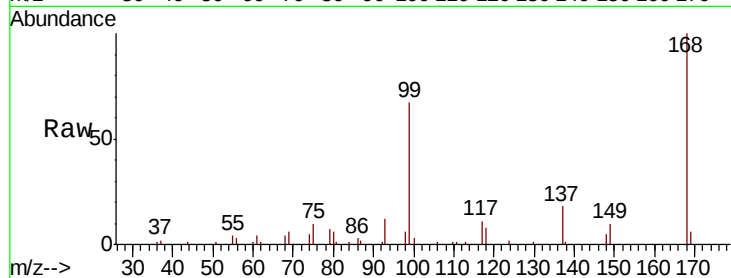
FK-BPM-03-001-B

Tot Ion:168 Resp: 137938

Ion Ratio Lower Upper

168 100

99 67.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.62

50000

40000

30000

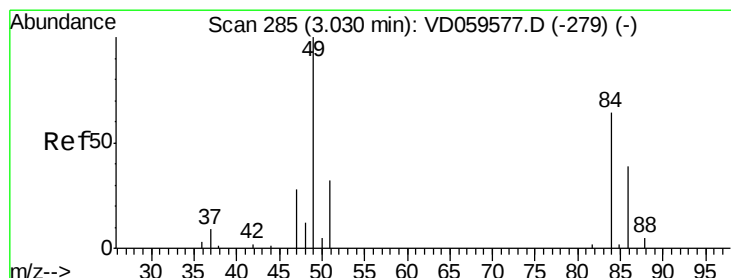
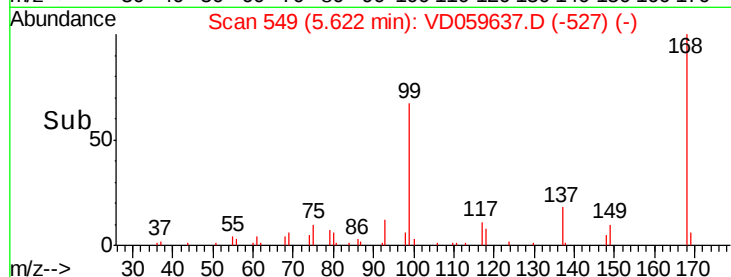
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.93 ug/l

RT: 3.05 min Scan# 288

Delta R.T. 0.02 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Tgt Ion: 84 Resp: 3683

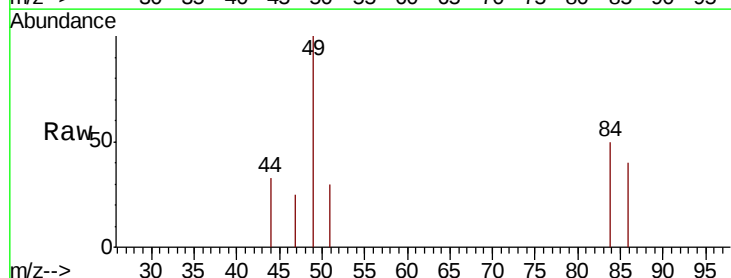
Ion Ratio Lower Upper

84 100

49 199.9 125.4 188.2#

51 59.1 39.7 59.5

86 80.1 49.1 73.7#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4000

3000

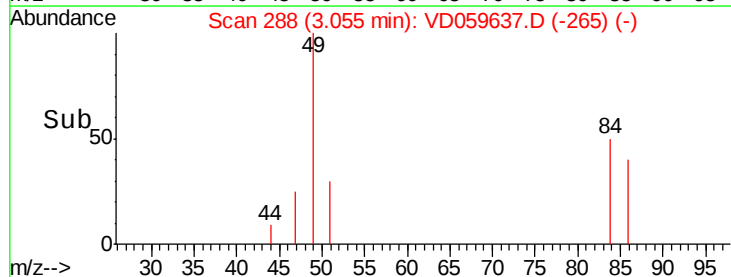
2000

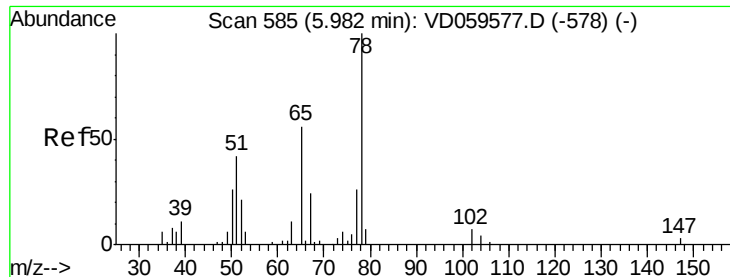
1000

0

Time-->

3.00 3.05 3.10





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

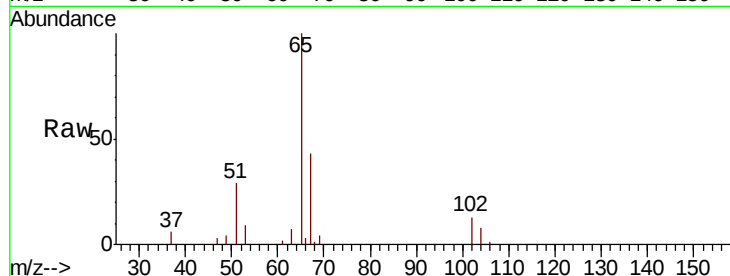
FK-BPM-03-001-B

Tot Ion: 65 Resp: 99246

Ion Ratio Lower Upper

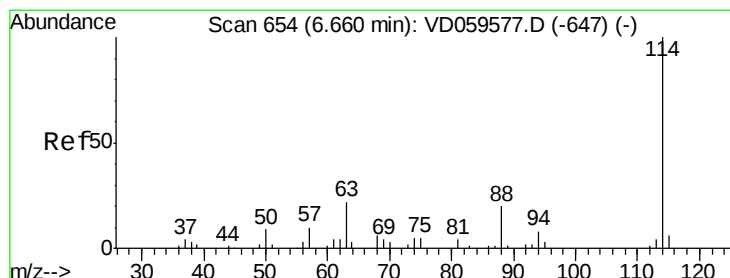
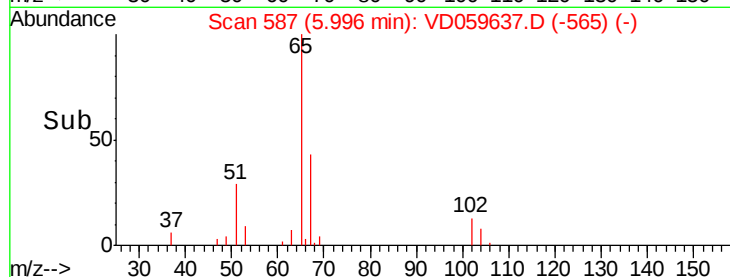
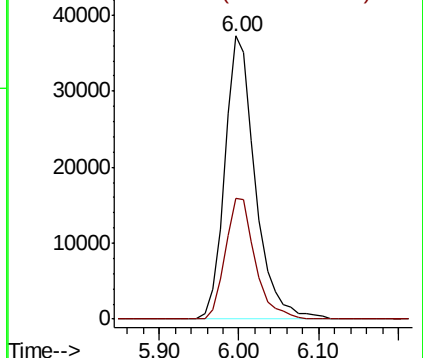
65 100

67 42.9 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 656

Delta R.T. 0.01 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

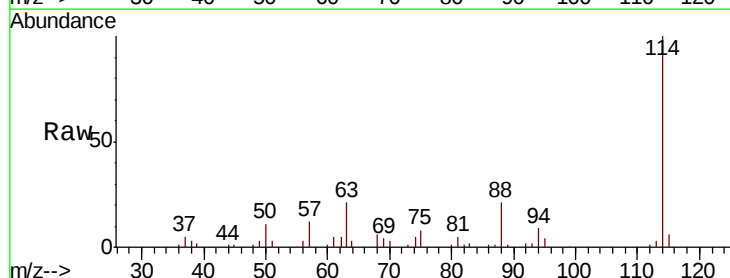
Tgt Ion: 114 Resp: 176592

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.8

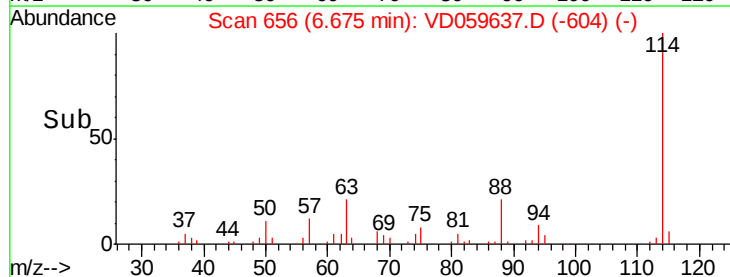
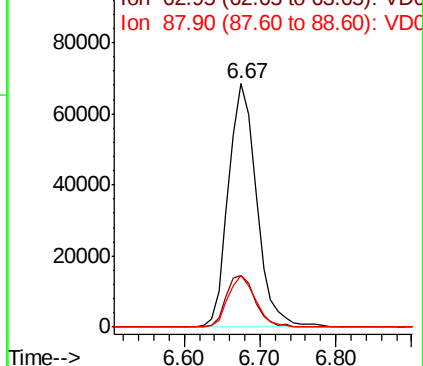
88 21.2 0.0 39.0

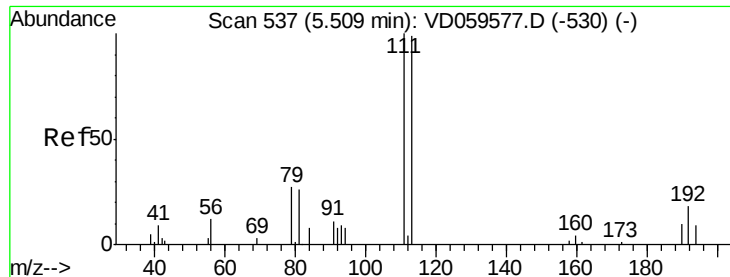


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

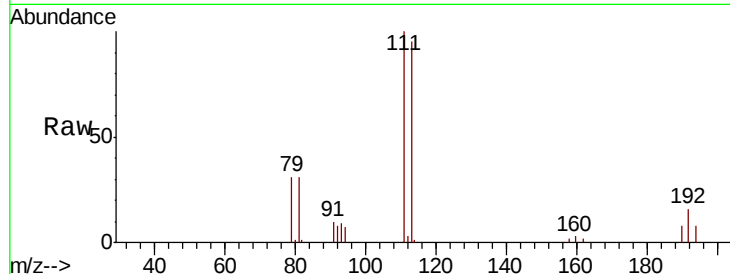




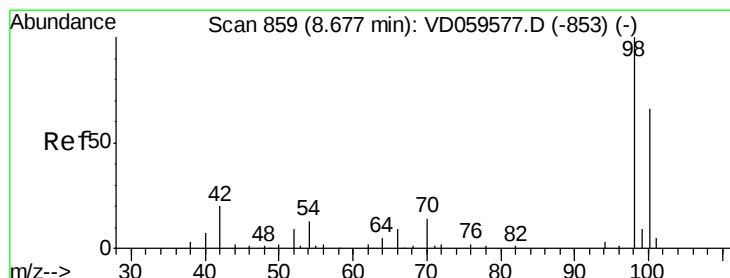
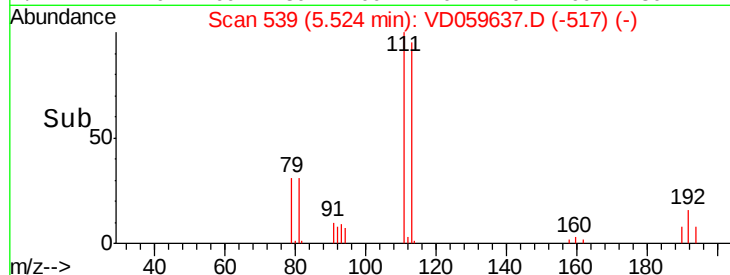
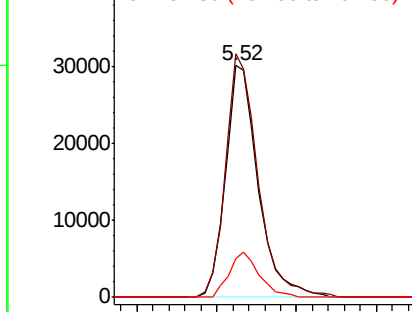
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

Tot Ion:113 Resp: 86416
 Ion Ratio Lower Upper
 113 100
 111 105.0 80.5 120.7
 192 16.5 14.5 21.7

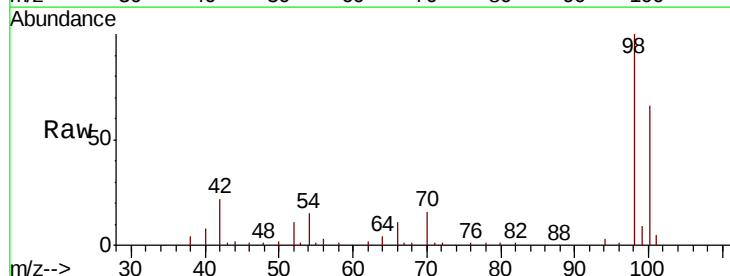


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

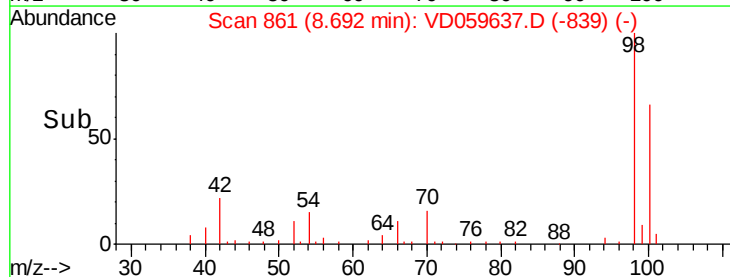
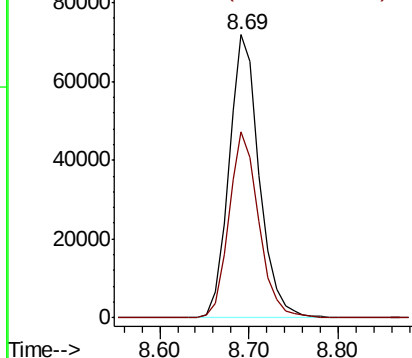


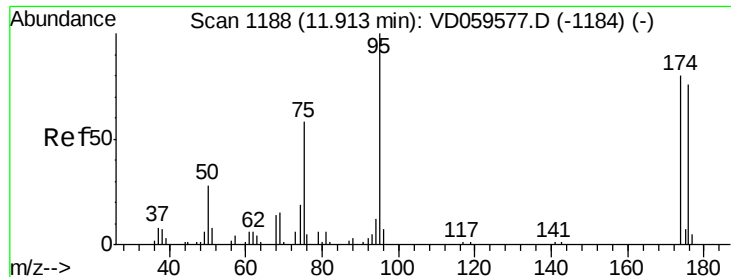
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Tgt Ion: 98 Resp: 169814
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.2 79.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-B

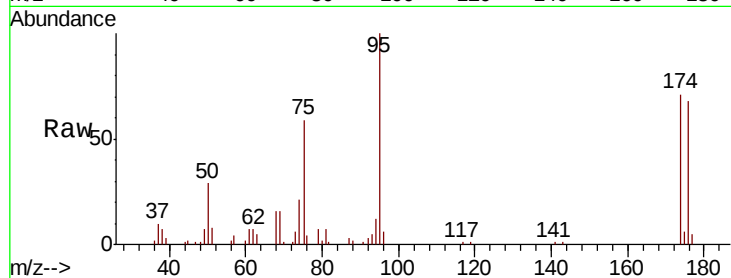
Tot Ion: 95 Resp: 75601

Ion Ratio Lower Upper

95 100

174 70.8 0.0 160.6

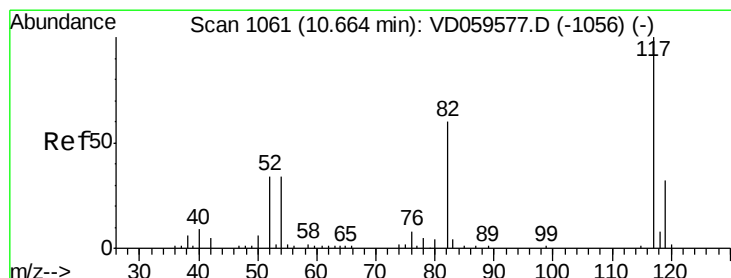
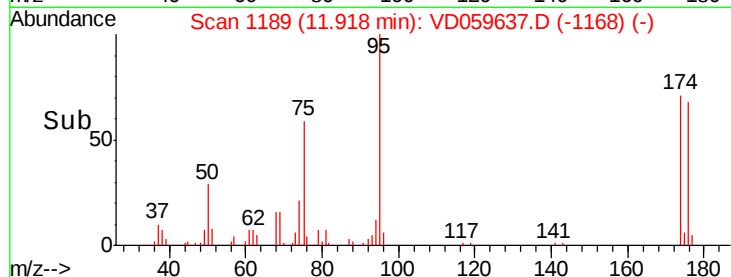
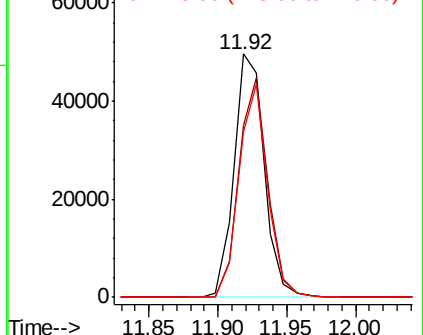
176 67.7 0.0 152.8



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: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

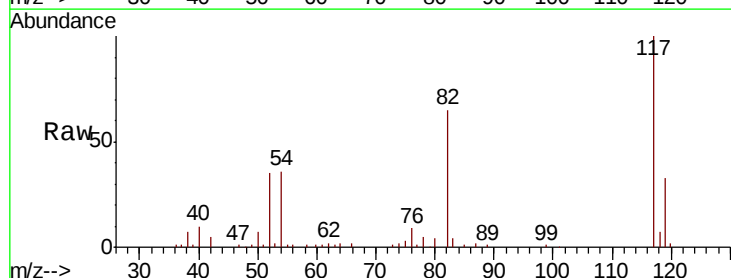
Tgt Ion: 117 Resp: 136488

Ion Ratio Lower Upper

117 100

82 64.7 48.2 72.2

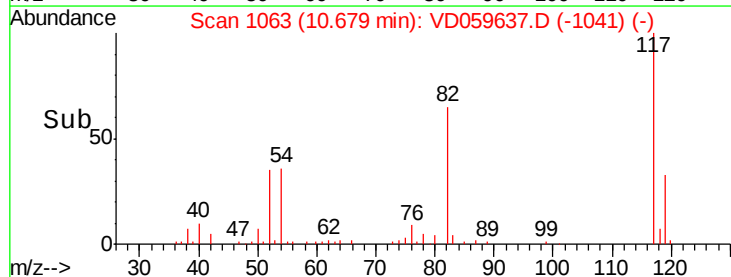
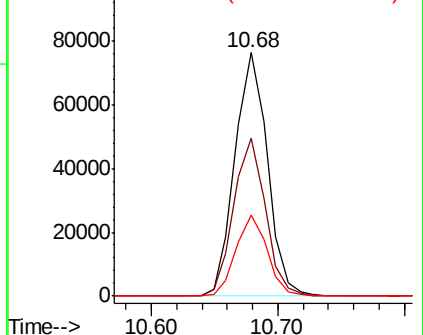
119 33.4 25.4 38.2

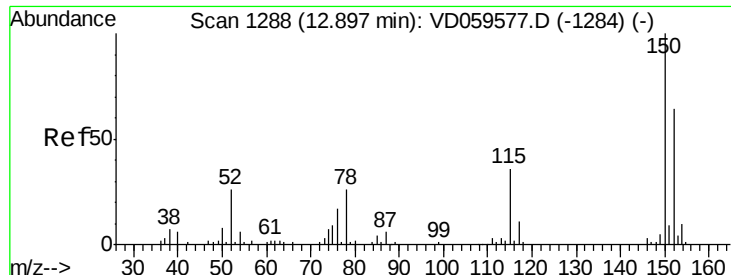


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

Tot Ion:152 Resp: 73908
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.5 88.6
 150 154.2 0.0 314.4

