

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059723.D
 Acq On : 9 Aug 2018 18:48
 Operator : VA/AP
 Sample : J4396-02
 Misc : 9.52g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 02:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	140866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	163247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	134877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	80344	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	121568	67.09	ug/l	0.00
Spiked Amount						
			Recovery	=	134.18%	
35) Dibromofluoromethane	5.54	113	93681	63.89	ug/l	0.00
Spiked Amount						
			Recovery	=	127.78%	
50) Toluene-d8	8.70	98	155855	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.93	95	87281	59.25	ug/l	0.00
Spiked Amount						
			Recovery	=	118.50%	

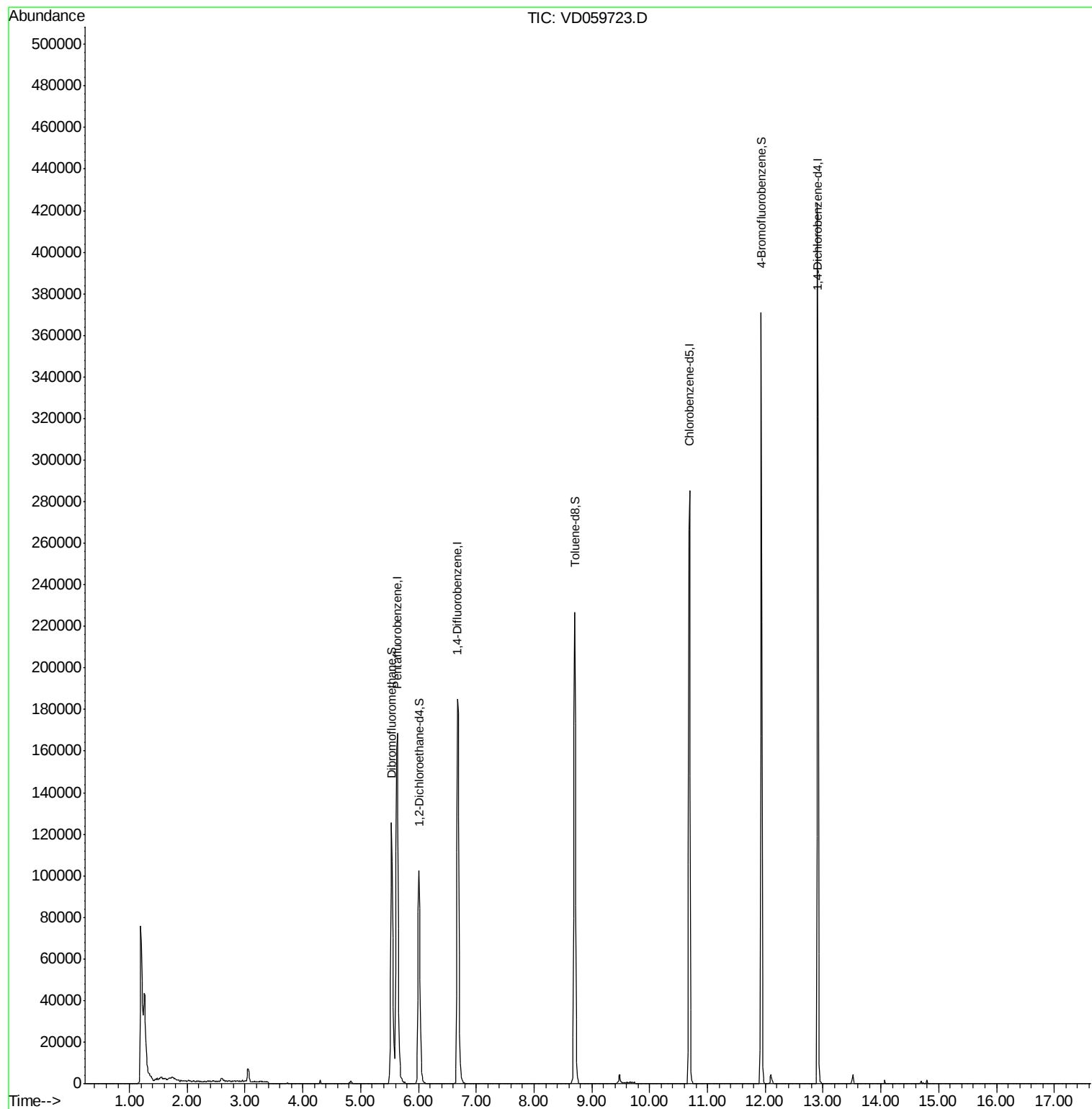
Target Compounds	Qvalue

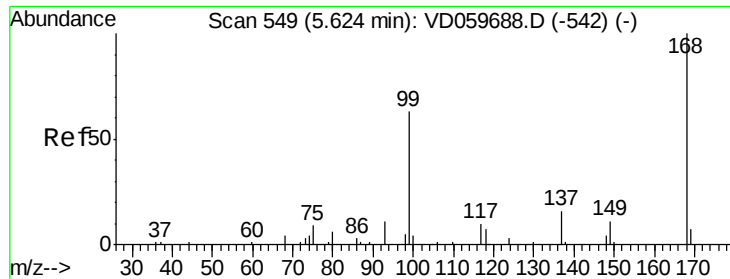
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

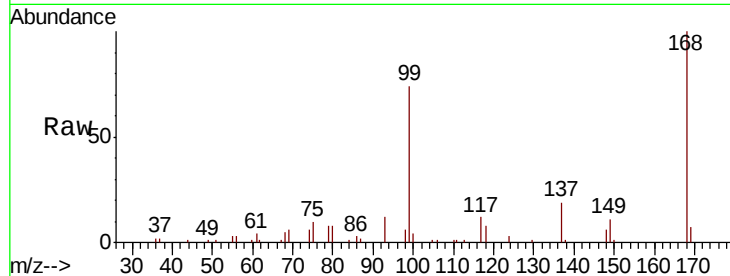
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion:168 Resp: 140866

Ion Ratio Lower Upper

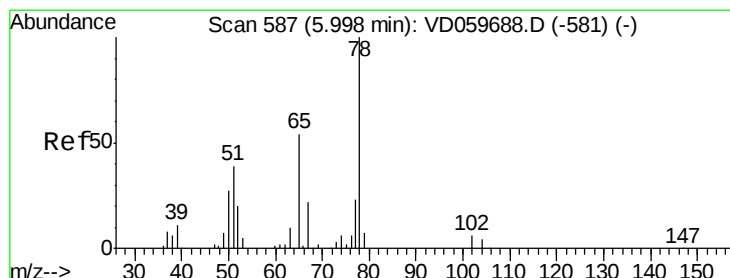
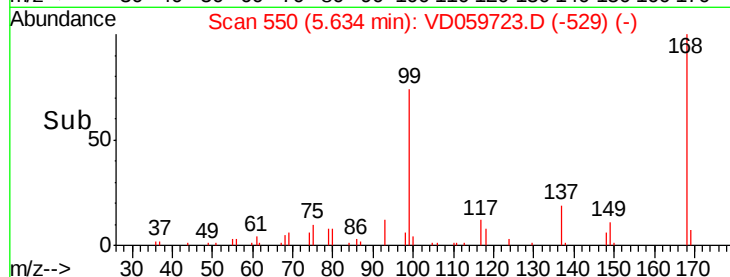
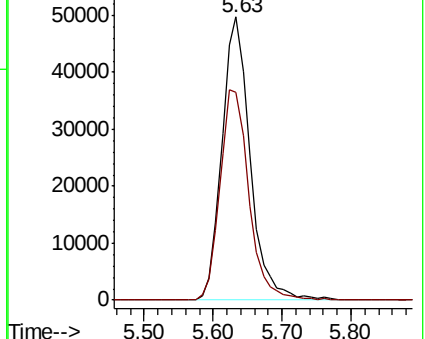
168 100

99 73.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD059723.D

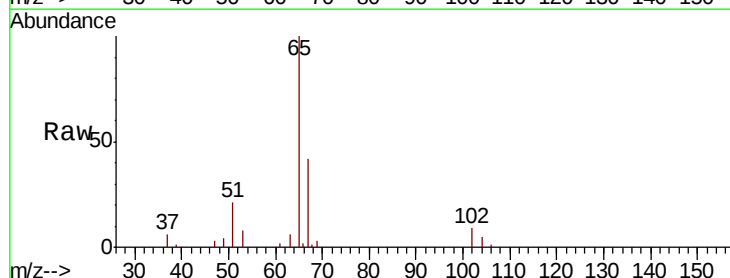
Acq: 9 Aug 2018 18:48

Tgt Ion: 65 Resp: 121568

Ion Ratio Lower Upper

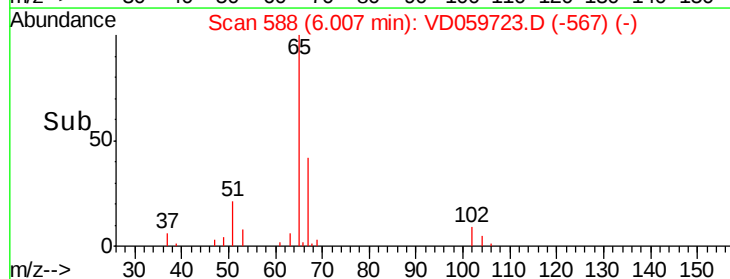
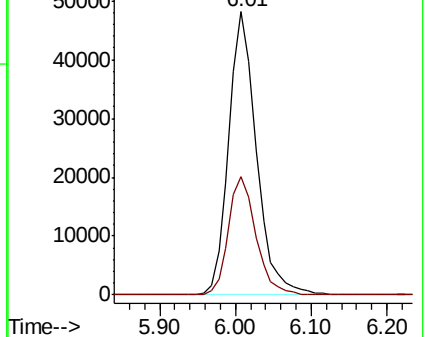
65 100

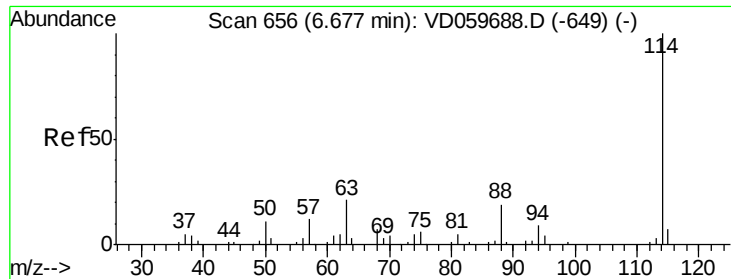
67 42.0 0.0 80.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

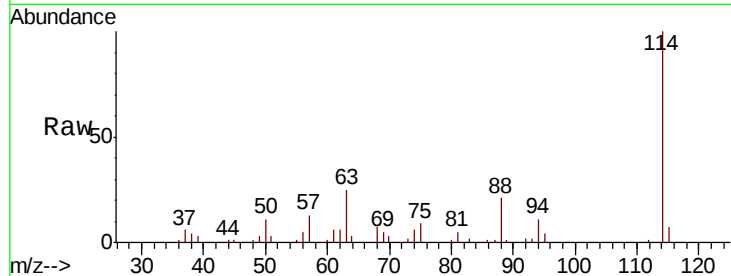




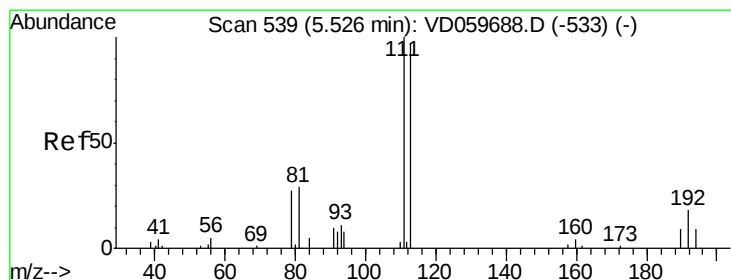
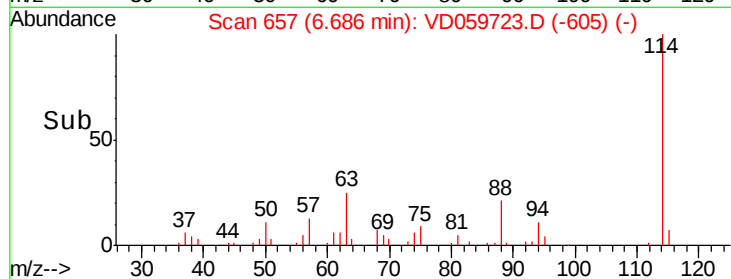
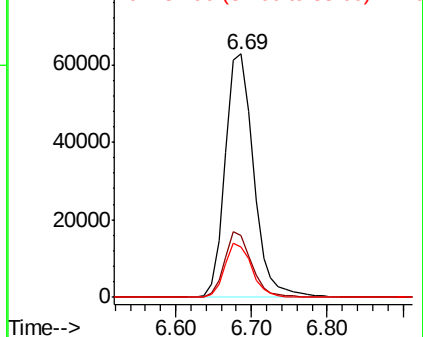
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Tot Ion:114 Resp: 163247
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 42.6
 88 20.5 0.0 38.8

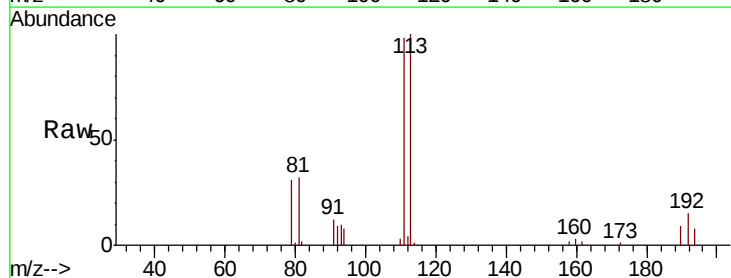


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

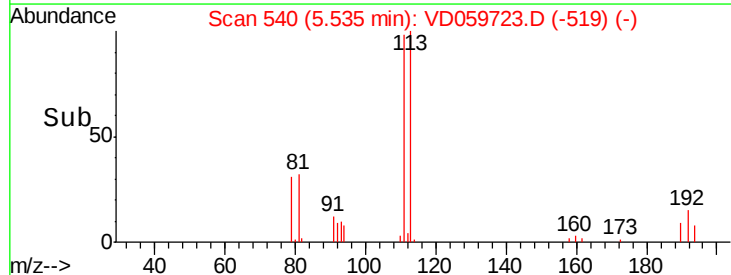
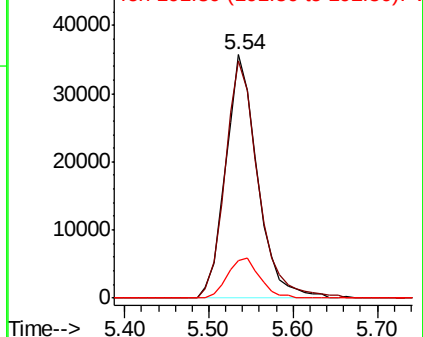


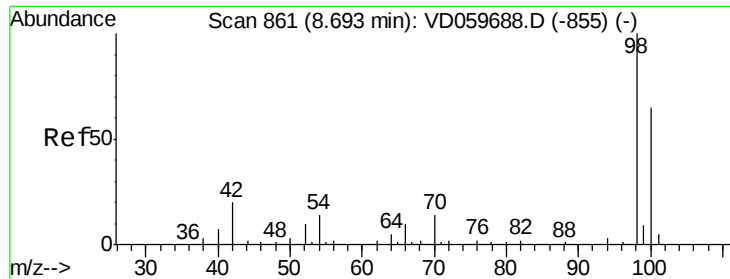
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

Tgt Ion:113 Resp: 93681
 Ion Ratio Lower Upper
 113 100
 111 97.7 82.8 124.2
 192 15.4 14.6 22.0



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: 8.70 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

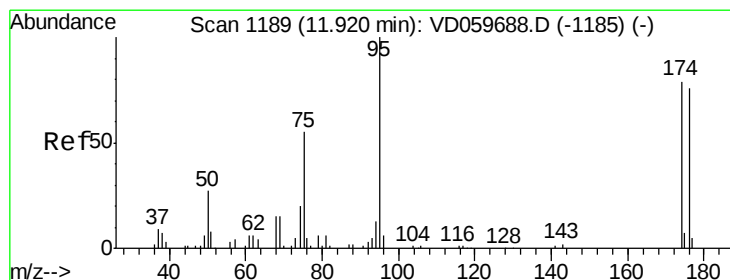
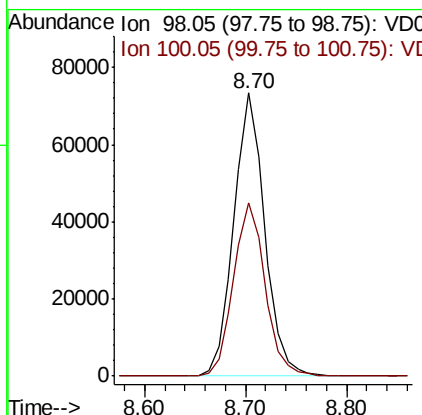
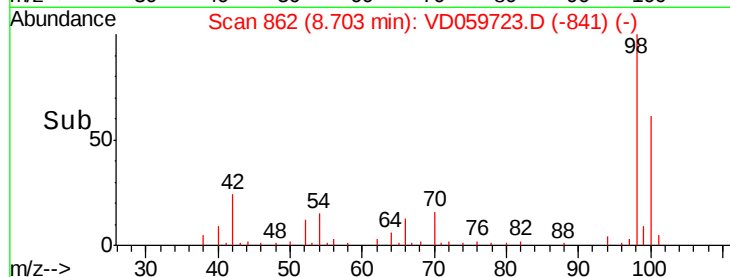
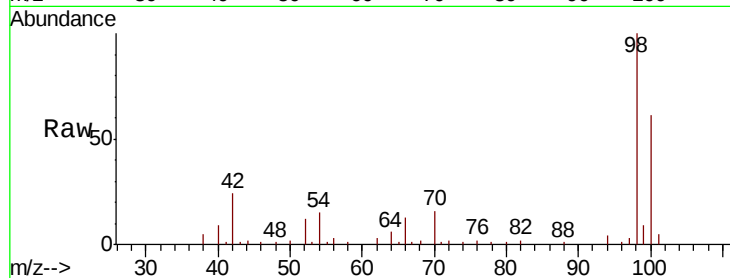
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion: 98 Resp: 155855

Ion Ratio Lower Upper

98 100

100 61.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

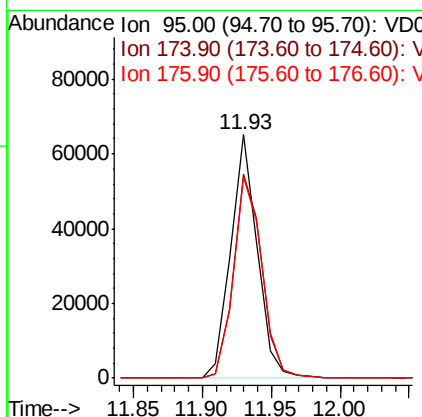
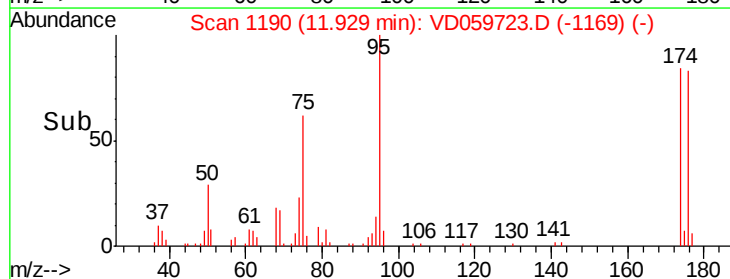
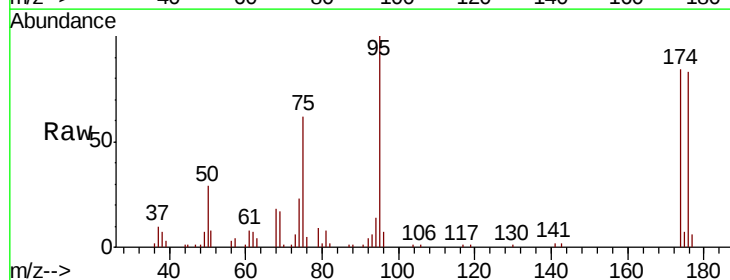
Tgt Ion: 95 Resp: 87281

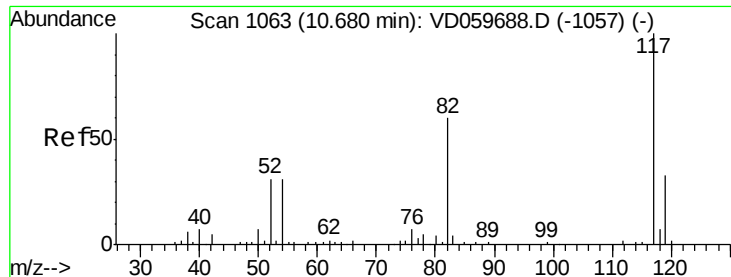
Ion Ratio Lower Upper

95 100

174 84.0 0.0 158.4

176 82.6 0.0 153.0

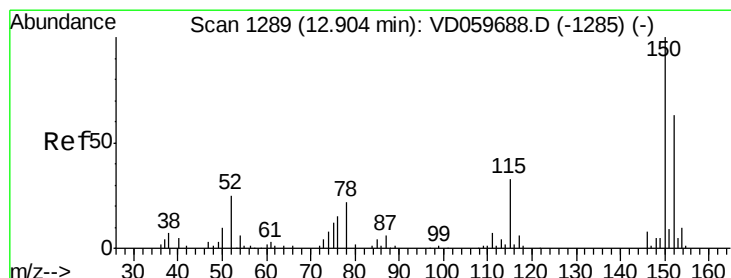
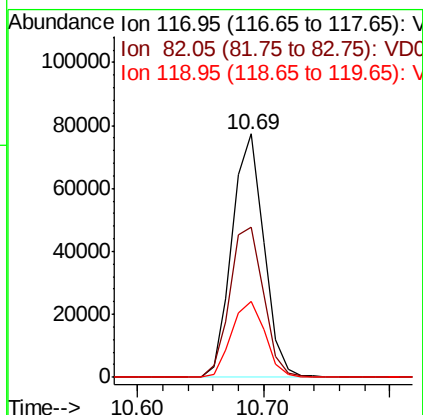
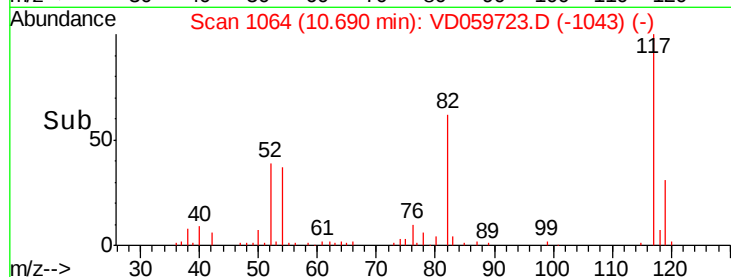
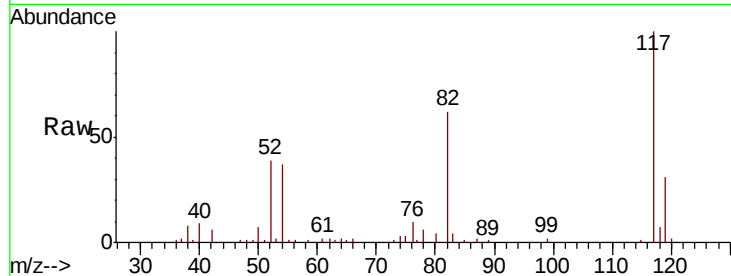




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion:117 Resp: 134877
Ion Ratio Lower Upper
117 100
82 61.5 47.7 71.5
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

Tgt Ion:152 Resp: 80344
Ion Ratio Lower Upper
152 100
115 71.1 28.8 86.4
150 156.6 0.0 318.0

