

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059725.D
 Acq On : 9 Aug 2018 19:46
 Operator : VA/AP
 Sample : J4388-02
 Misc : 4.67g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1B

Quant Time: Aug 10 02:52:52 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	5.64	168	4284	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.69	114	6159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	6050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	3892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	6442	116.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.80%	
35) Dibromofluoromethane	5.54	113	3765	68.06	ug/l	0.02
Spiked Amount	50.000		Recovery	=	136.12%	
50) Toluene-d8	8.70	98	5231	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.93	95	2996	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	

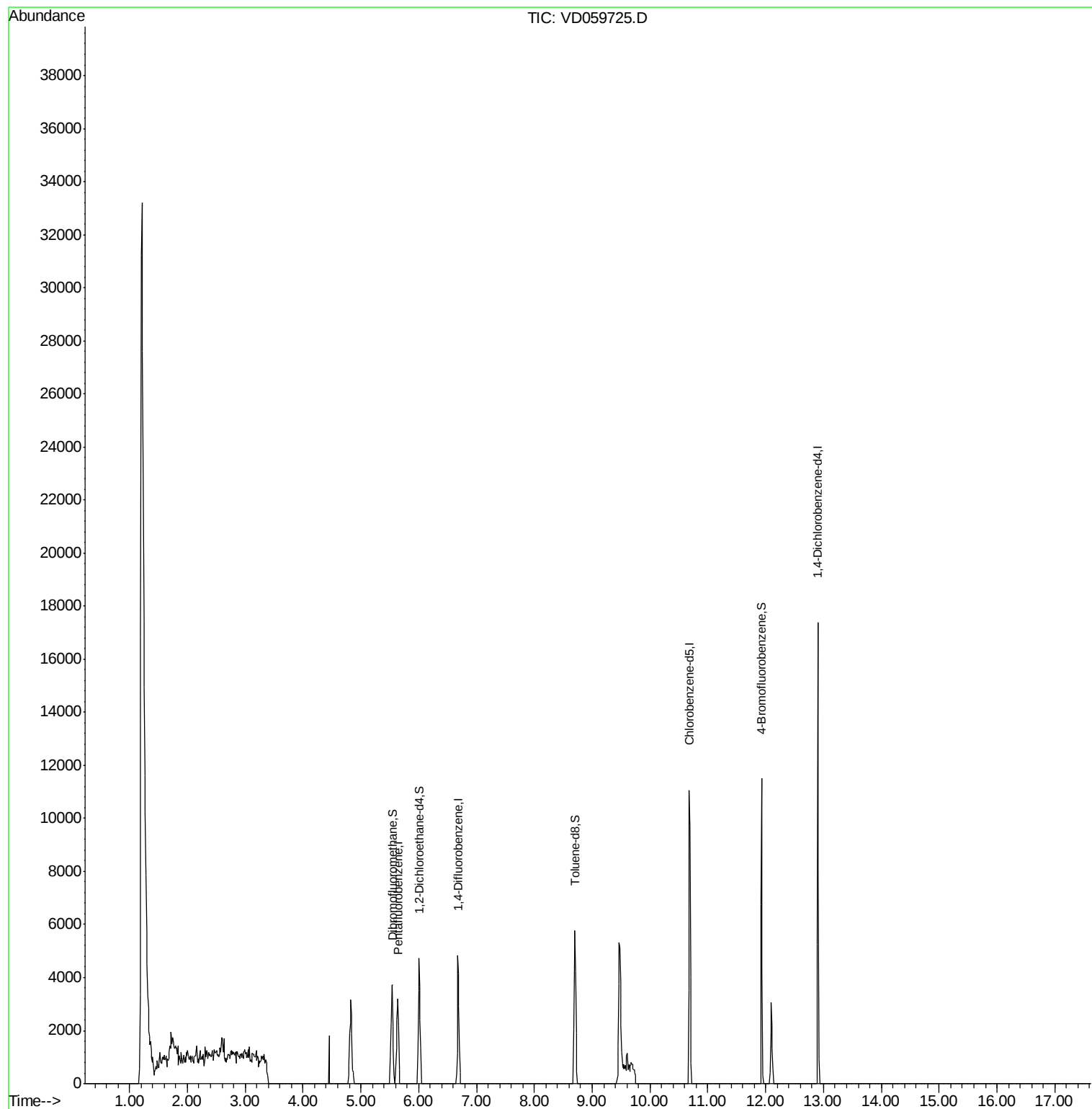
Target Compounds	Qvalue

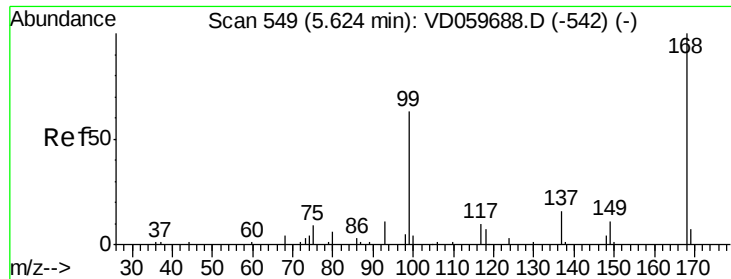
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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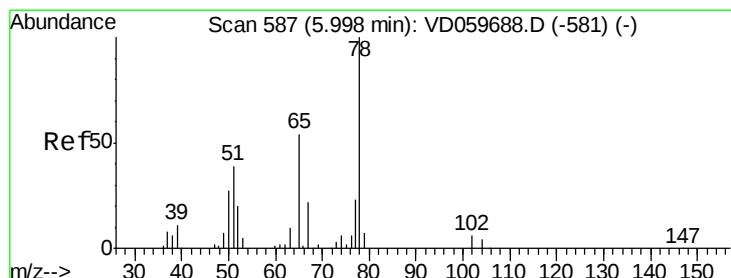
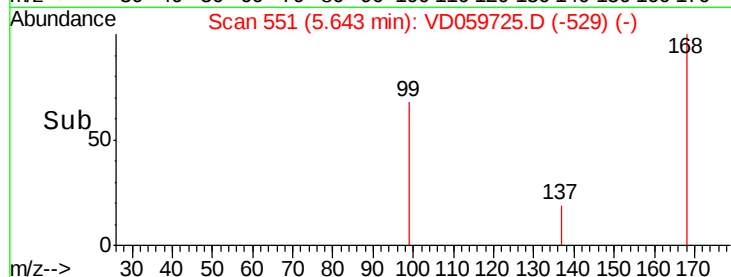
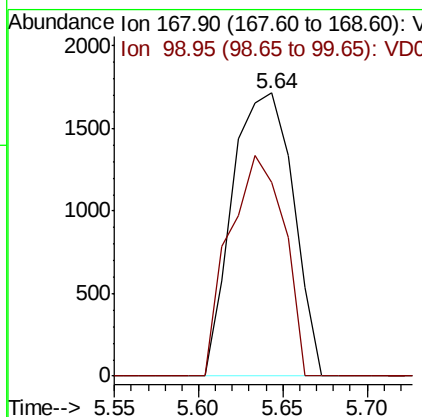
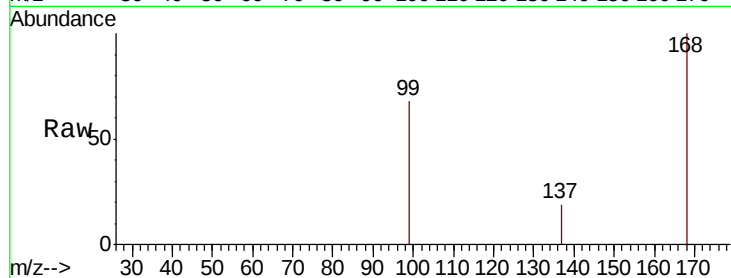




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.02 min
Lab File: VD059725.D
Acq: 9 Aug 2018 19:46

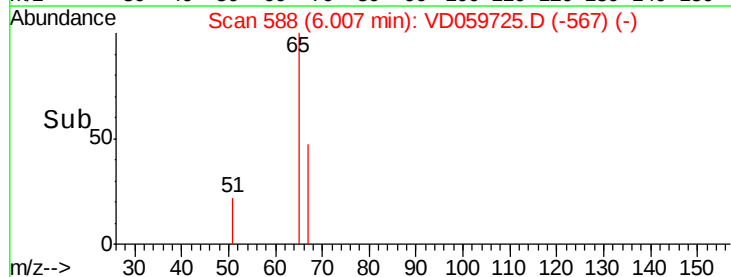
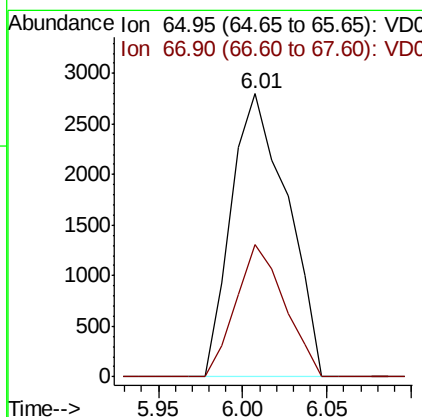
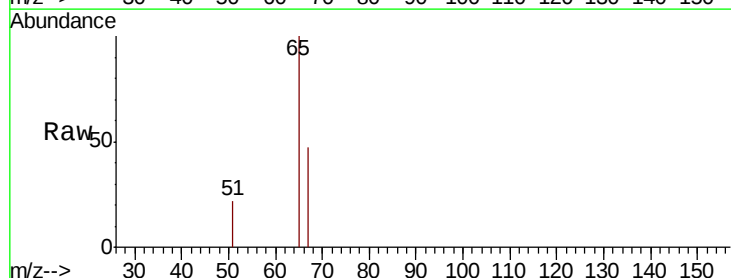
Instrument :
MSVOA_D
ClientSampleId :
S-1B

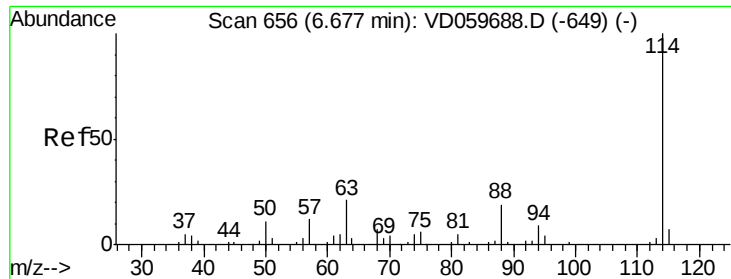
Tot Ion:168 Resp: 4284
Ion Ratio Lower Upper
168 100
99 68.3 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059725.D
Acq: 9 Aug 2018 19:46

Tgt Ion: 65 Resp: 6442
Ion Ratio Lower Upper
65 100
67 46.6 0.0 80.4

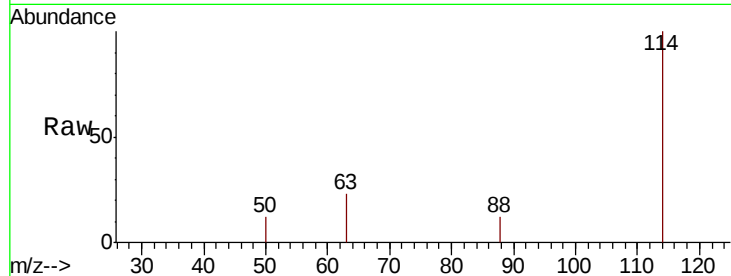




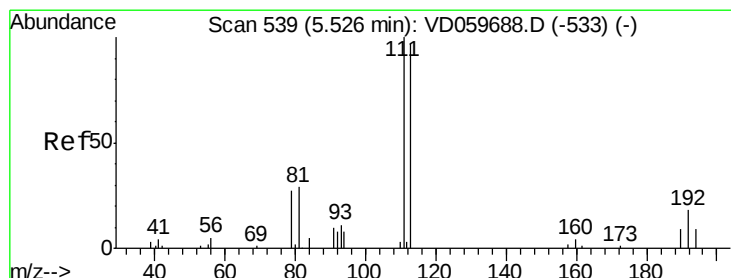
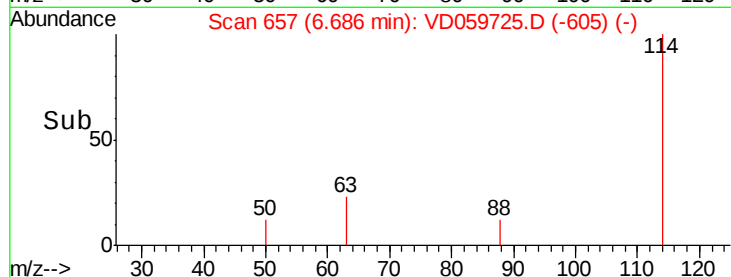
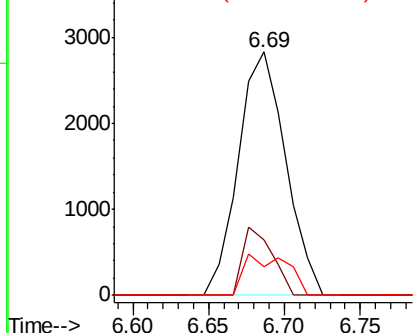
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059725.D
 Acq: 9 Aug 2018 19:46

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1B

Tot Ion:114 Resp: 6159
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.6
 88 11.8 0.0 38.8

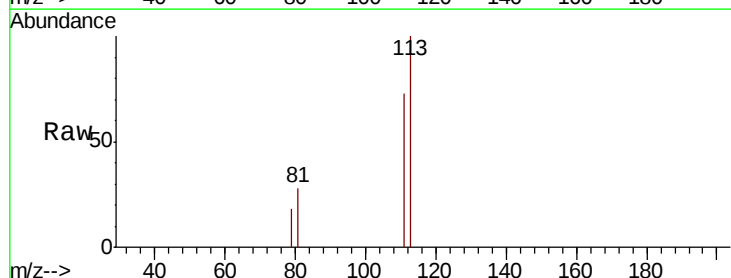


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

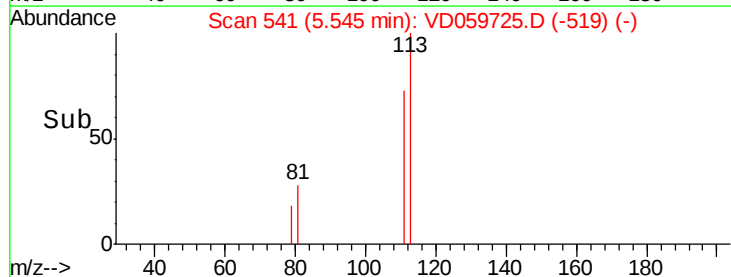
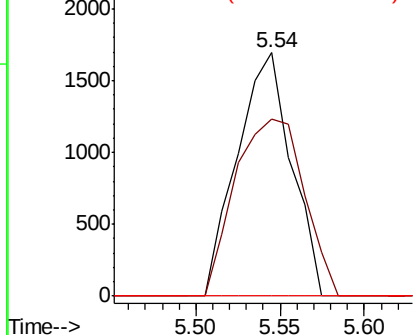


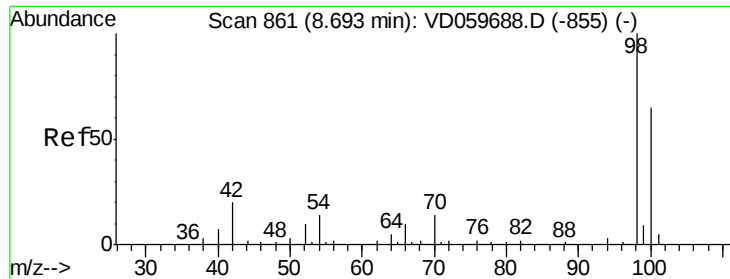
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VD059725.D
 Acq: 9 Aug 2018 19:46

Tgt Ion:113 Resp: 3765
 Ion Ratio Lower Upper
 113 100
 111 72.7 82.8 124.2#
 192 0.0 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

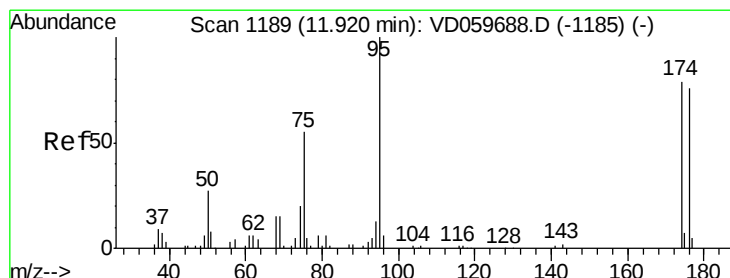
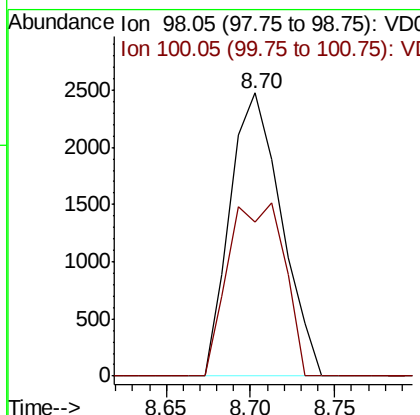
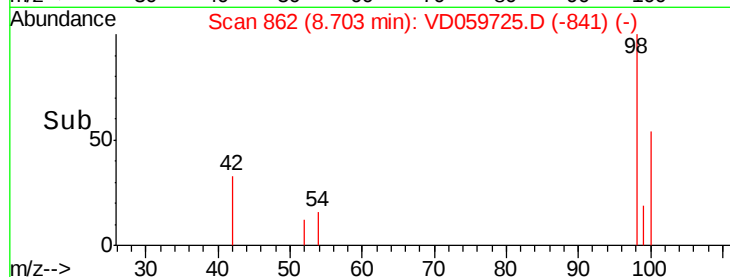
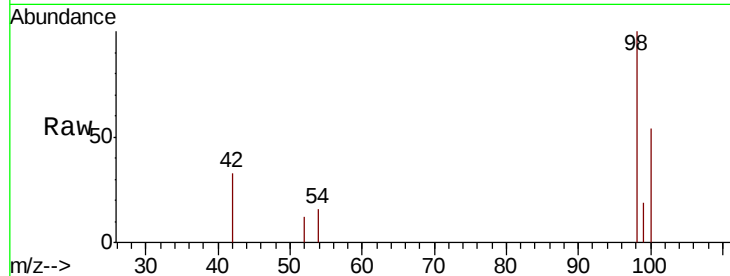




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059725.D
Acq: 9 Aug 2018 19:46

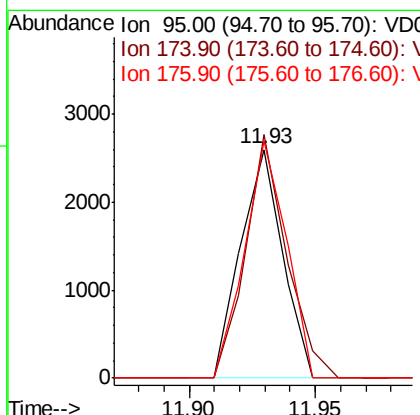
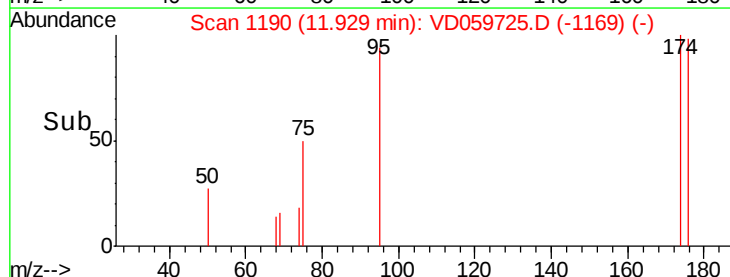
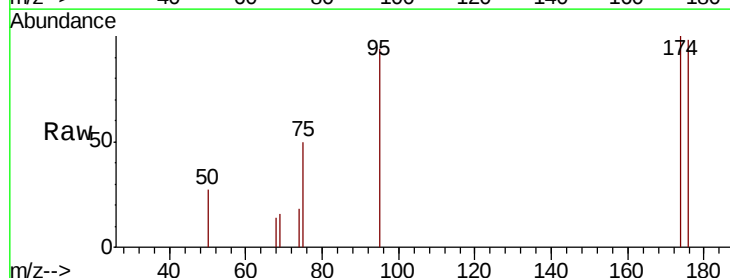
Instrument :
MSVOA_D
ClientSampled :
S-1B

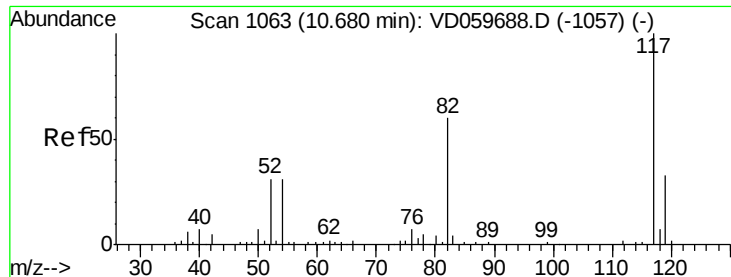
Tot Ion: 98 Resp: 5231
Ion Ratio Lower Upper
98 100
100 54.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059725.D
Acq: 9 Aug 2018 19:46

Tgt Ion: 95 Resp: 2996
Ion Ratio Lower Upper
95 100
174 106.5 0.0 158.4
176 104.0 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059725.D

Acq: 9 Aug 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

S-1B

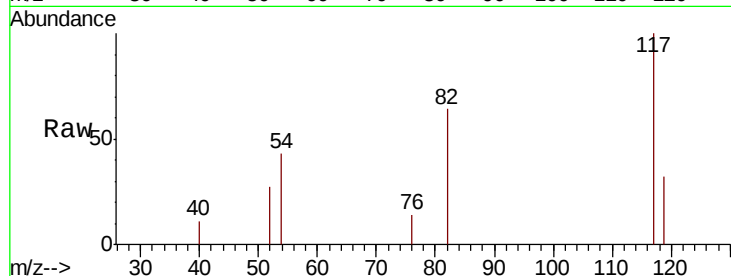
Tot Ion:117 Resp: 6050

Ion Ratio Lower Upper

117 100

82 64.2 47.7 71.5

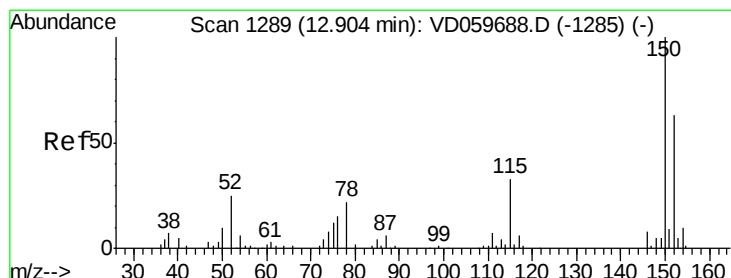
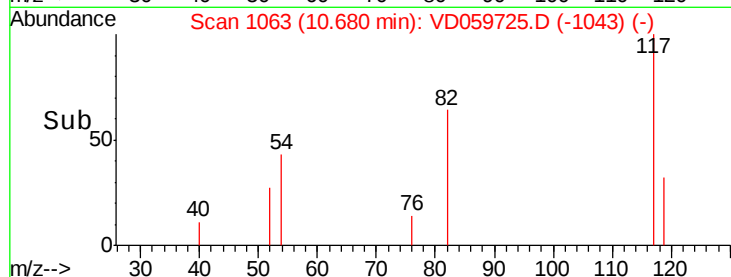
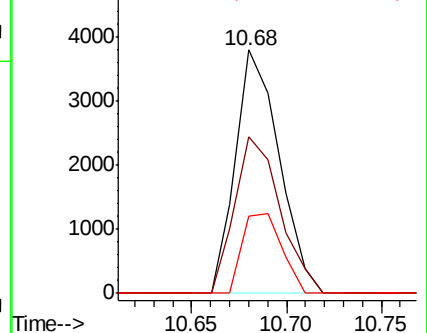
119 31.8 26.6 40.0



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: 12.90 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059725.D

Acq: 9 Aug 2018 19:46

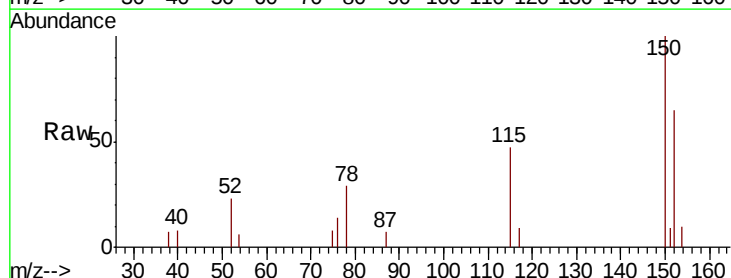
Tgt Ion:152 Resp: 3892

Ion Ratio Lower Upper

152 100

115 72.3 28.8 86.4

150 154.1 0.0 318.0



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

