

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059666.D
 Acq On : 31 Jul 2018 21:14
 Operator : VA/AP
 Sample : J4228-03
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.SW(8.0)-3A

Quant Time: Aug 01 07:11:22 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	5.61	168	150773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	195761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	152460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	79490	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	107691	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	5.51	113	98445	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
50) Toluene-d8	8.68	98	202476	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.92	95	90573	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	

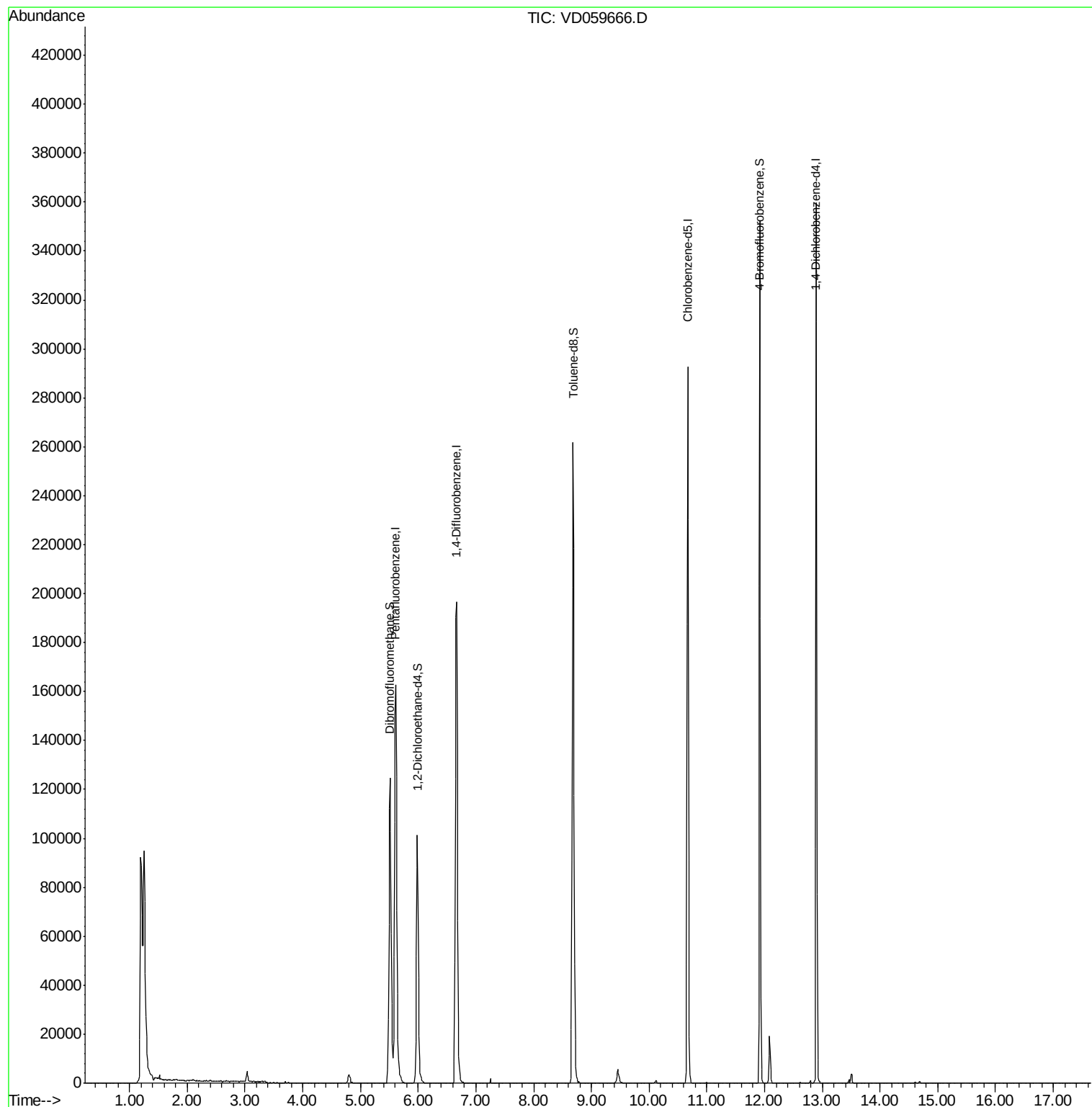
Target Compounds	Qvalue
------------------	--------

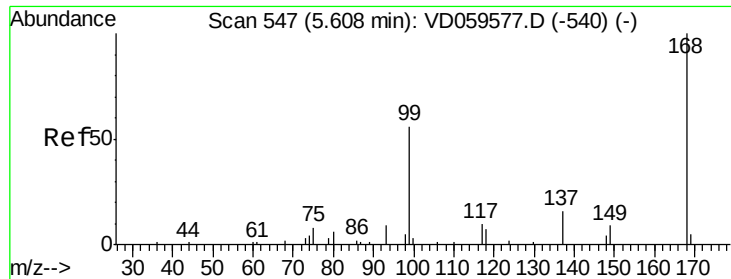
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
Data File : VD059666.D
Acq On : 31 Jul 2018 21:14
Operator : VA/AP
Sample : J4228-03
Misc : 5.01a/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G.L.SW(8.0)-3A

Quant Time: Aug 01 07:11:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 548

Delta R.T. 0.00 min

Lab File: VD059666.D

Acq: 31 Jul 2018 21:14

Instrument :

MSVOA_D

ClientSampleId :

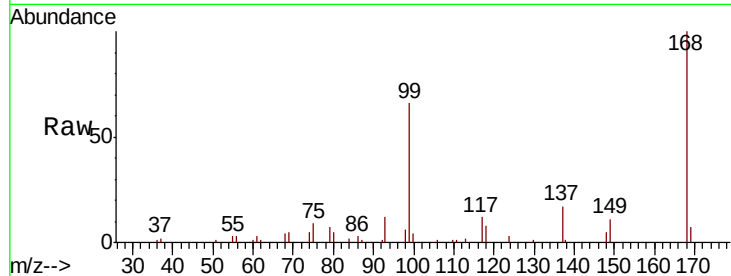
G.L.SW(8.0)-3A

Tot Ion:168 Resp: 150773

Ion Ratio Lower Upper

168 100

99 66.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

60000

50000

40000

30000

20000

10000

0

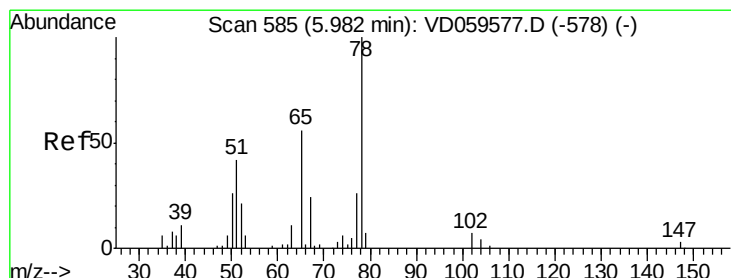
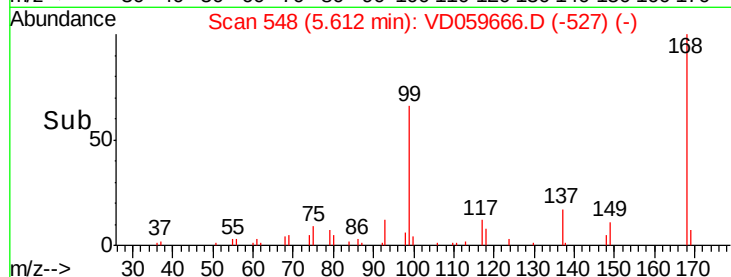
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.00 min

Lab File: VD059666.D

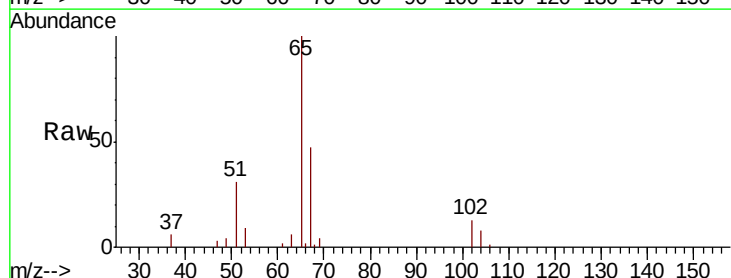
Acq: 31 Jul 2018 21:14

Tgt Ion: 65 Resp: 107691

Ion Ratio Lower Upper

65 100

67 47.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.99

50000

40000

30000

20000

10000

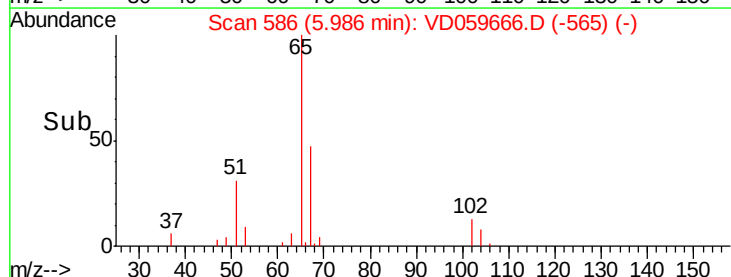
0

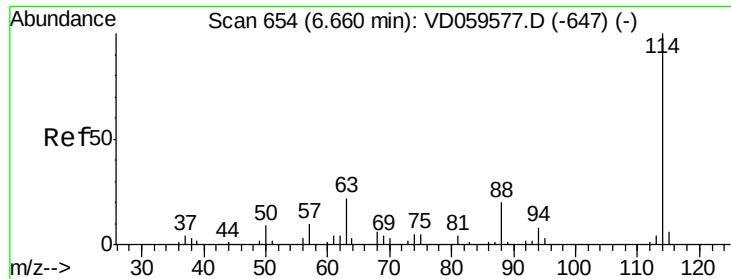
Time-->

5.90

6.00

6.10

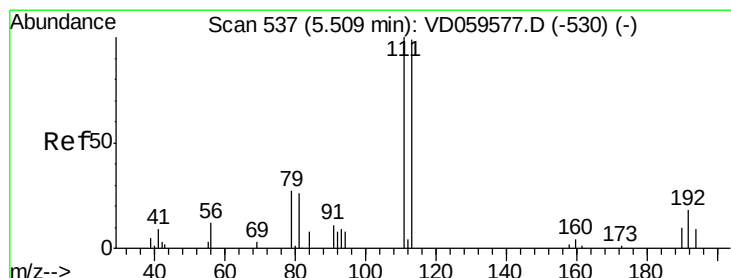
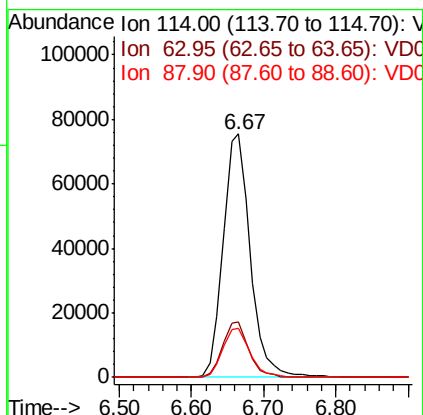
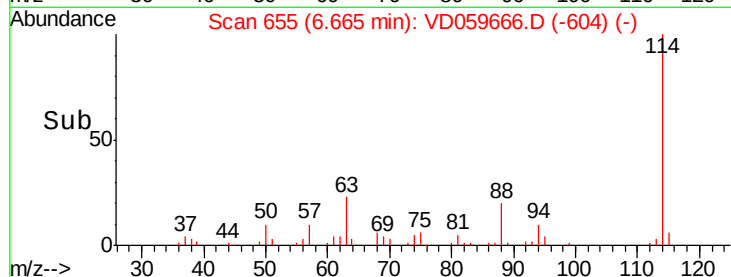
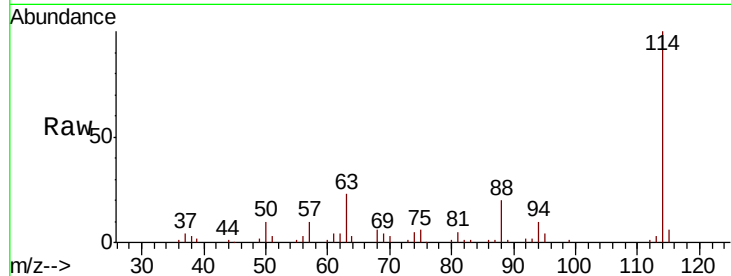




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059666.D
 Acq: 31 Jul 2018 21:14

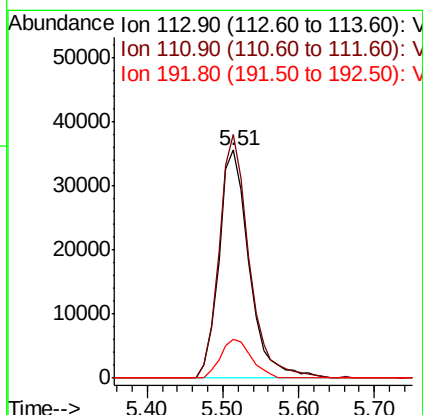
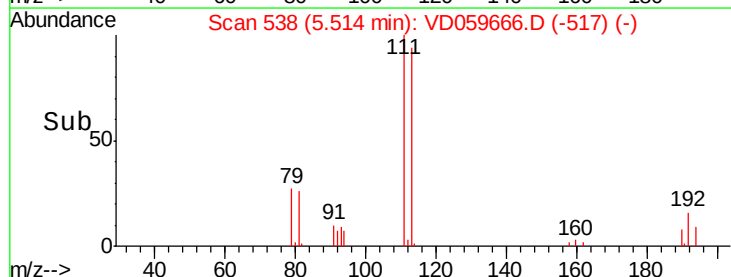
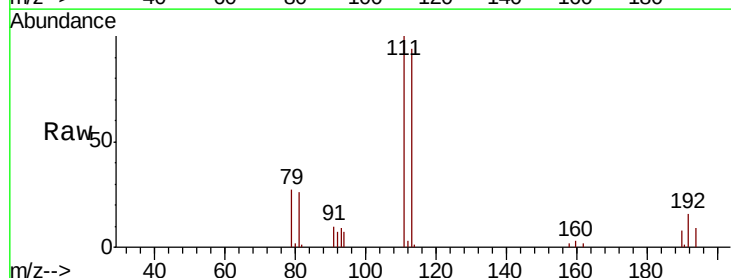
Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.SW(8.0)-3A

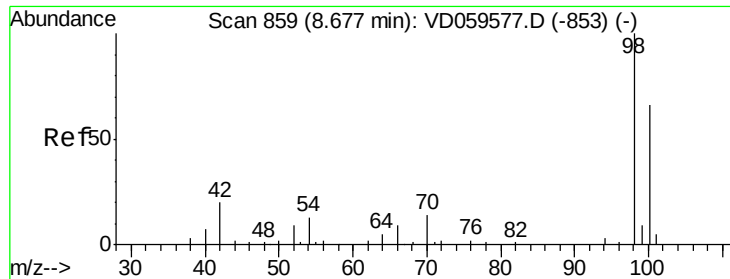
Tot Ion:114 Resp: 195761
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 20.2 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.51 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VD059666.D
 Acq: 31 Jul 2018 21:14

Tgt Ion:113 Resp: 98445
 Ion Ratio Lower Upper
 113 100
 111 106.9 80.5 120.7
 192 17.1 14.5 21.7

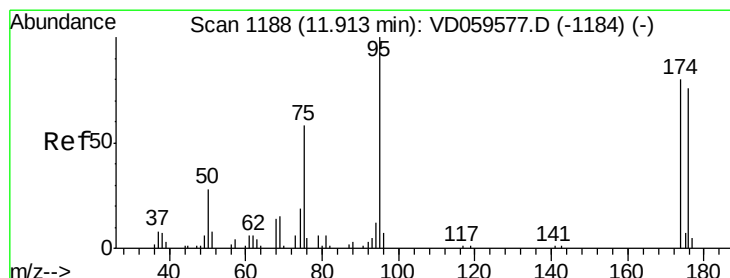
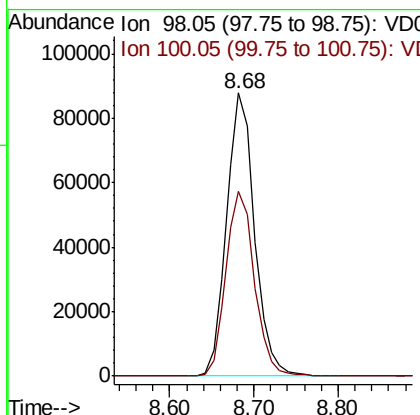
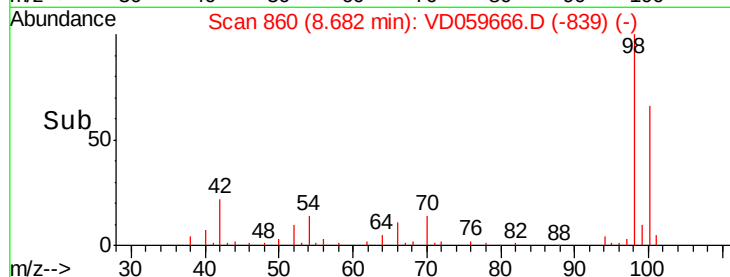
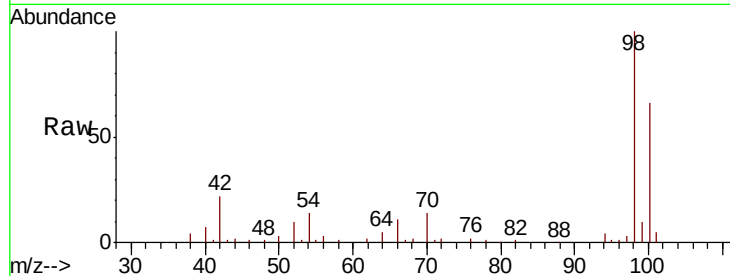




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. 0.00 min
Lab File: VD059666.D
Acq: 31 Jul 2018 21:14

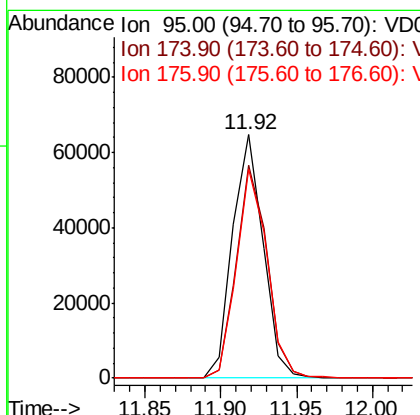
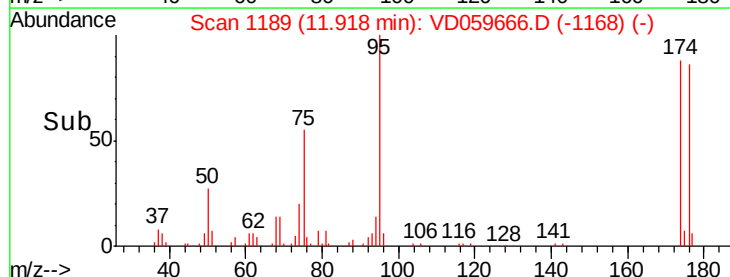
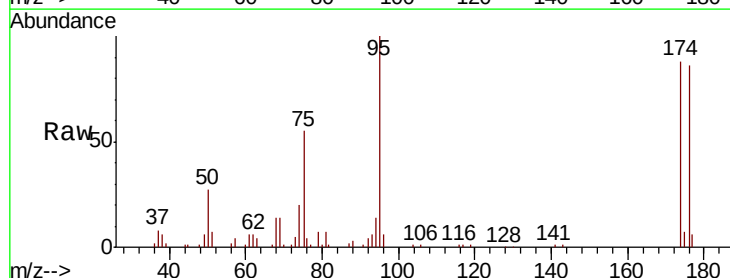
Instrument :
MSVOA_D
ClientSampleId :
G.L.SW(8.0)-3A

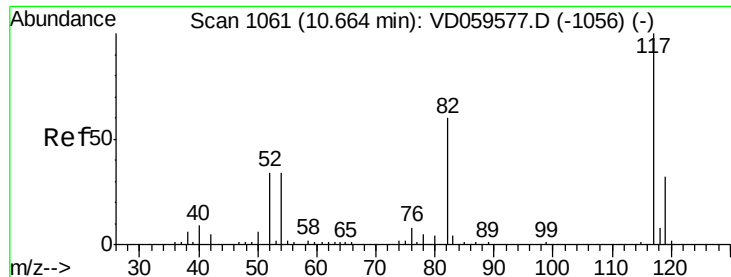
Tot Ion: 98 Resp: 202476
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059666.D
Acq: 31 Jul 2018 21:14

Tgt Ion: 95 Resp: 90573
Ion Ratio Lower Upper
95 100
174 87.6 0.0 160.6
176 85.7 0.0 152.8

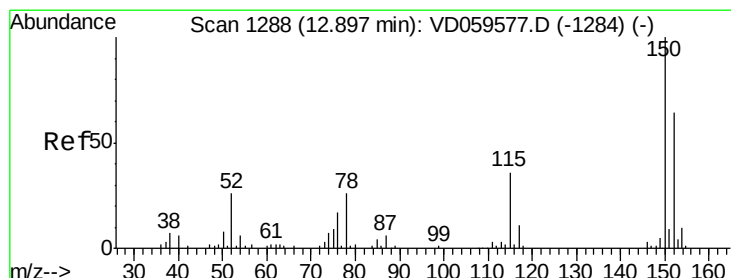
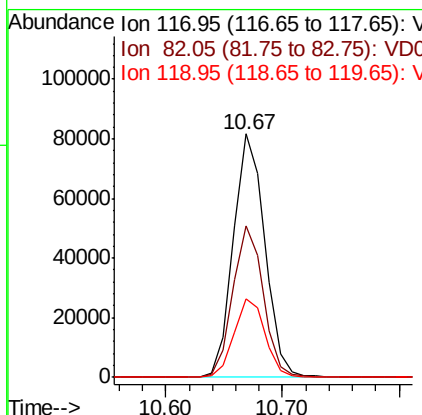
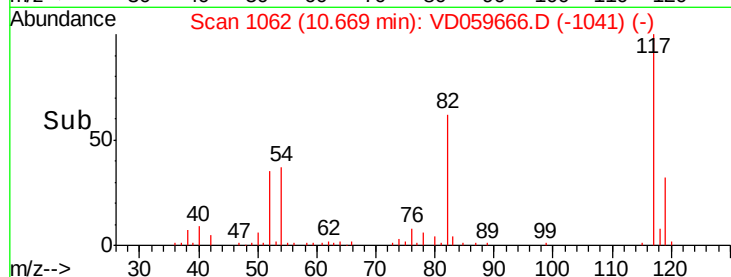
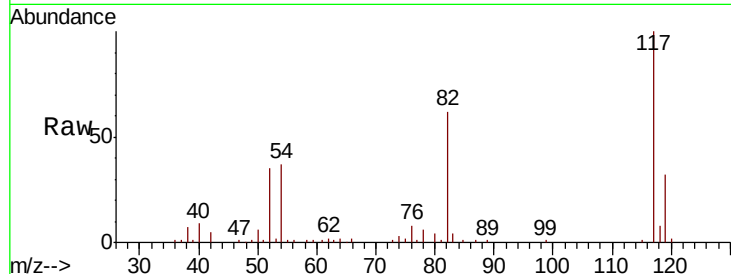




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VD059666.D
Acq: 31 Jul 2018 21:14

Instrument :
MSVOA_D
ClientSampleId :
G.L.SW(8.0)-3A

Tot Ion:117 Resp: 152460
Ion Ratio Lower Upper
117 100
82 62.1 48.2 72.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059666.D
Acq: 31 Jul 2018 21:14

Tgt Ion:152 Resp: 79490
Ion Ratio Lower Upper
152 100
115 54.3 29.5 88.6
150 154.8 0.0 314.4

