

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072618\
 Data File : VD059608.D
 Acq On : 26 Jul 2018 16:42
 Operator : VA/AP
 Sample : J4113-01
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC058-S-180720

Quant Time: Jul 27 05:02:31 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	117754	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	152149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	117502	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	58215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	83800	56.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	5.52	113	70253	53.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.69	98	142271	48.05	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.93	95	58779	44.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.16%	

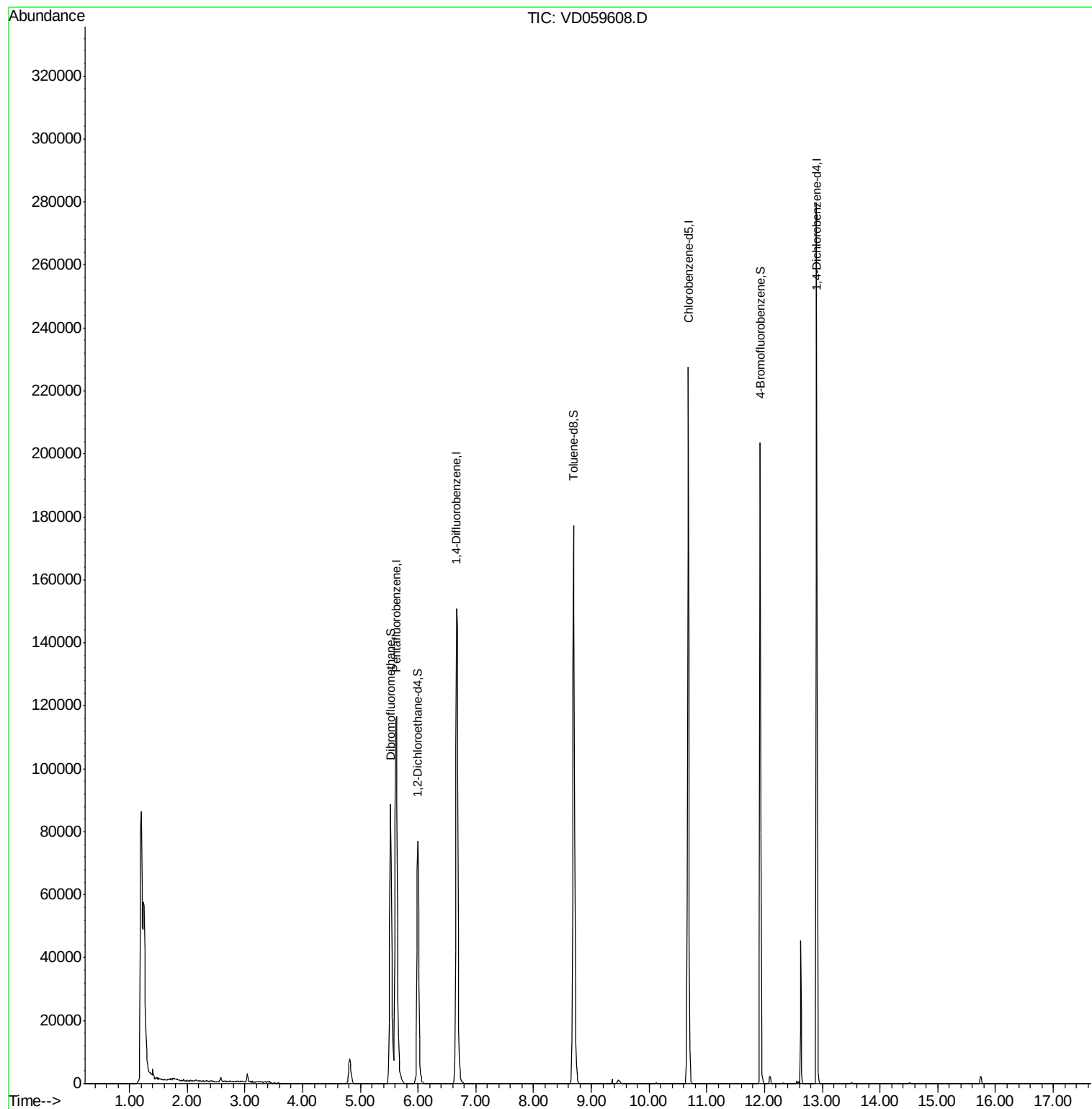
Target Compounds	Qvalue

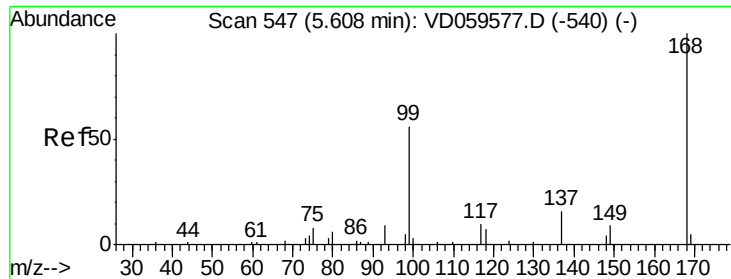
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.01 min

Lab File: VD059608.D

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Instrument :

MSVOA_D

ClientSampleId :

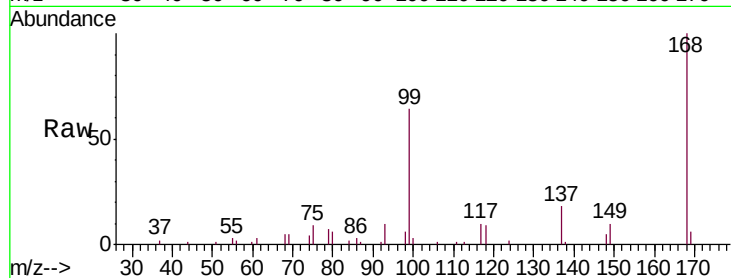
KY030LC058-S-180720

Tot Ion:168 Resp: 117754

Ion Ratio Lower Upper

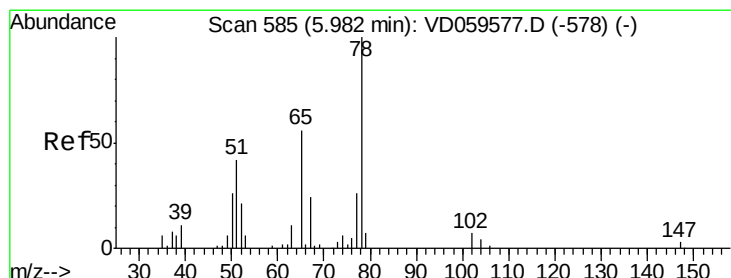
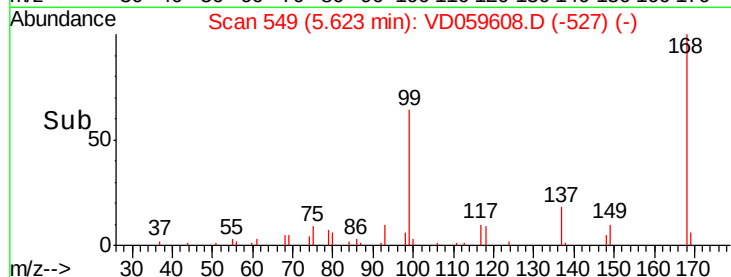
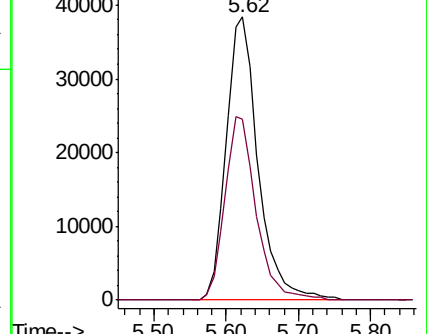
168 100

99 63.9 47.3 70.9



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: 6.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD059608.D

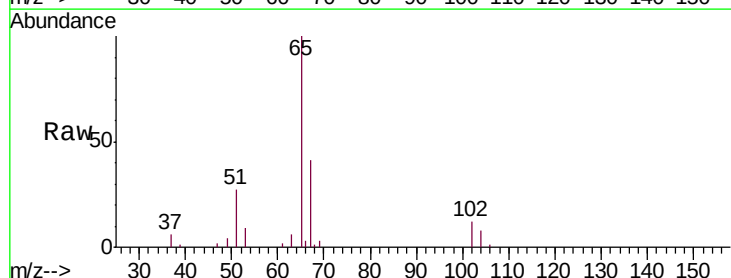
Acq: 26 Jul 2018 16:42

Tgt Ion: 65 Resp: 83800

Ion Ratio Lower Upper

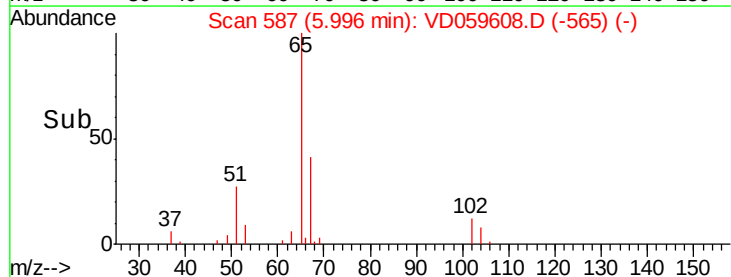
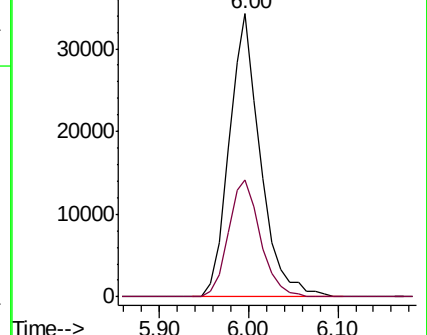
65 100

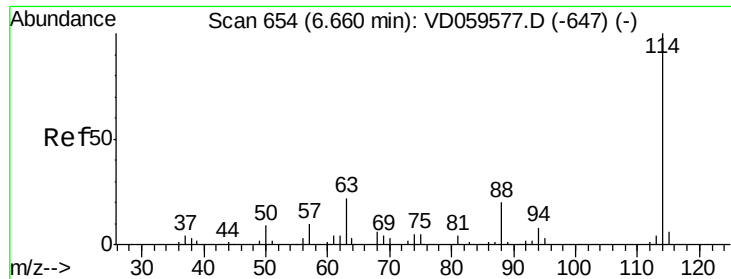
67 41.4 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

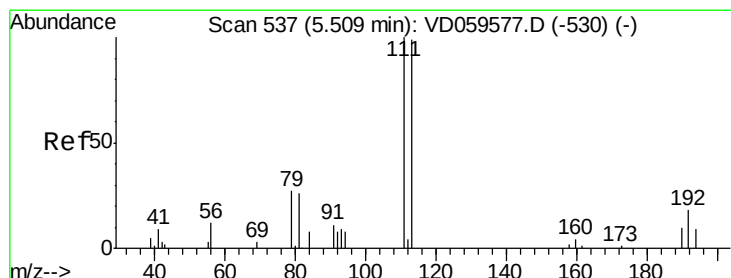
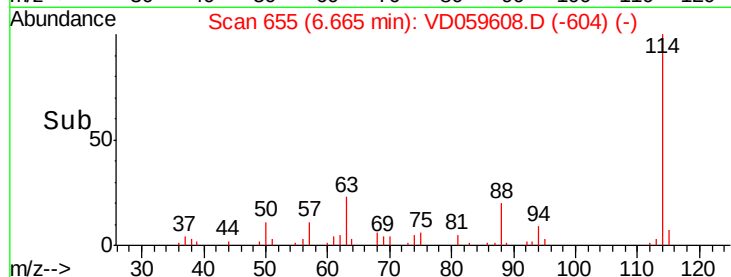
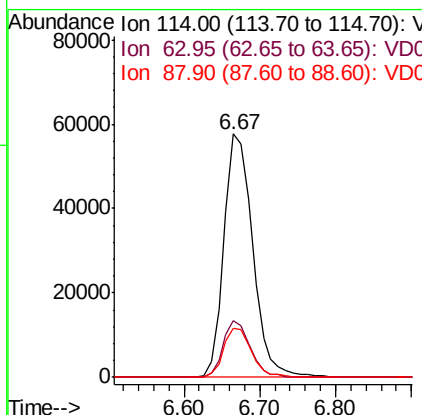
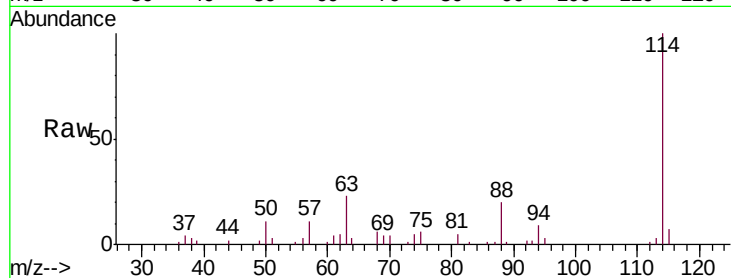




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059608.D
 Acq: 26 Jul 2018 16:42

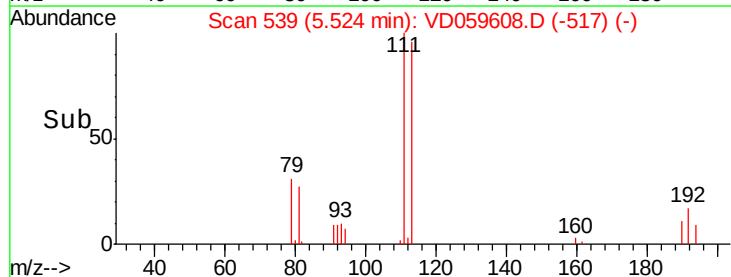
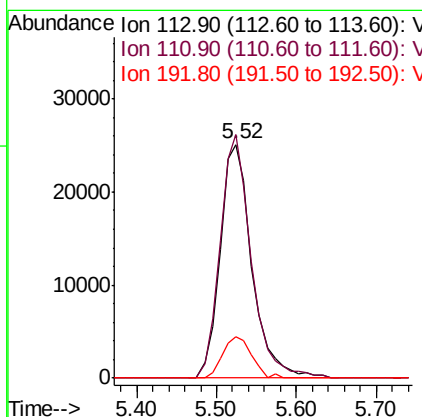
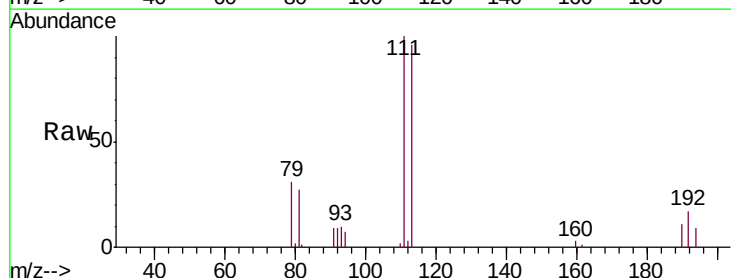
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC058-S-180720

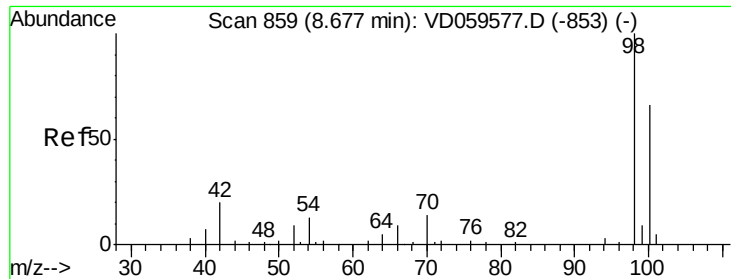
Tot Ion:114 Resp: 152149
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.8
 88 20.1 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059608.D
 Acq: 26 Jul 2018 16:42

Tgt Ion:113 Resp: 70253
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.5 120.7
 192 17.8 14.5 21.7

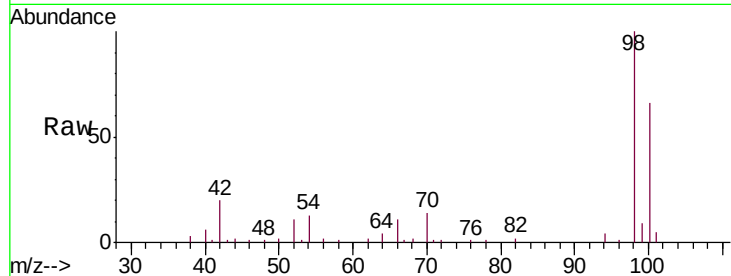




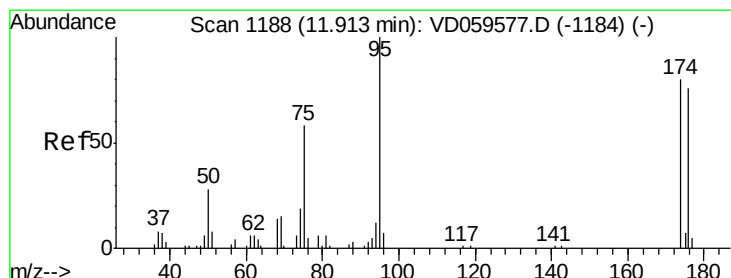
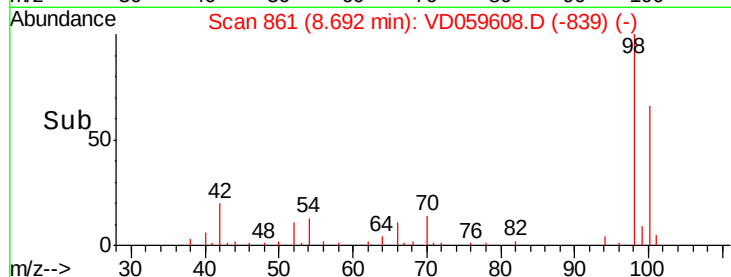
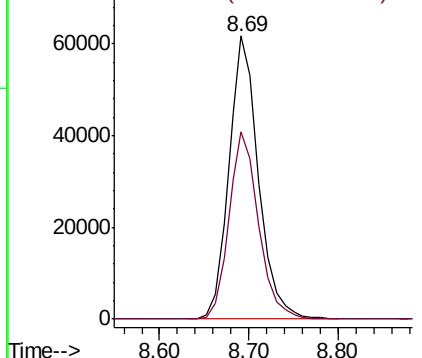
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059608.D
Acq: 26 Jul 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
KY030LC058-S-180720

Tot Ion: 98 Resp: 142271
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

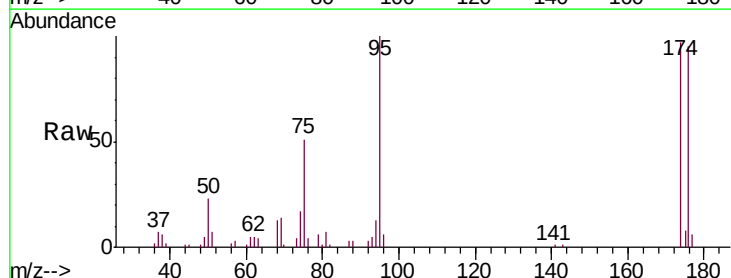


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

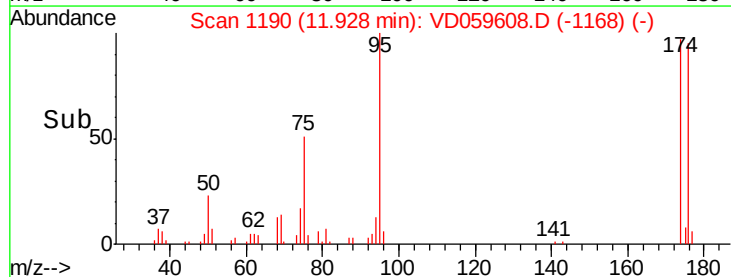
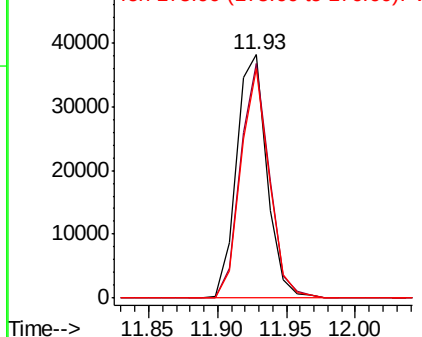


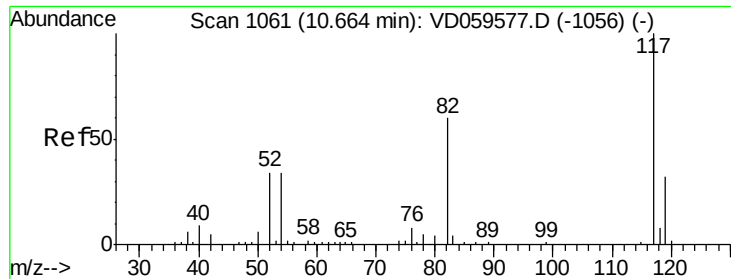
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059608.D
Acq: 26 Jul 2018 16:42

Tgt Ion: 95 Resp: 58779
Ion Ratio Lower Upper
95 100
174 96.5 0.0 160.6
176 94.5 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: VD059608.D

Acq: 26 Jul 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

KY030LC058-S-180720

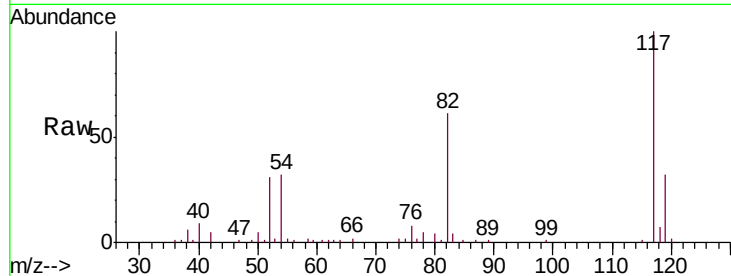
Tot Ion:117 Resp: 117502

Ion Ratio Lower Upper

117 100

82 61.3 48.2 72.2

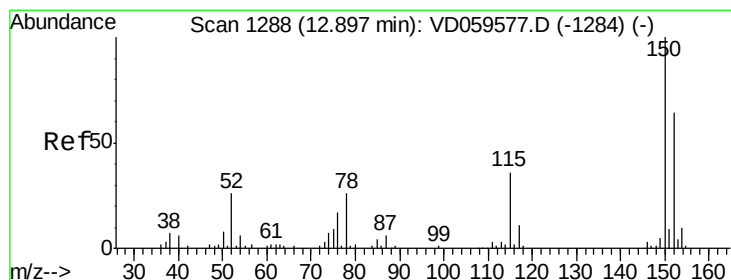
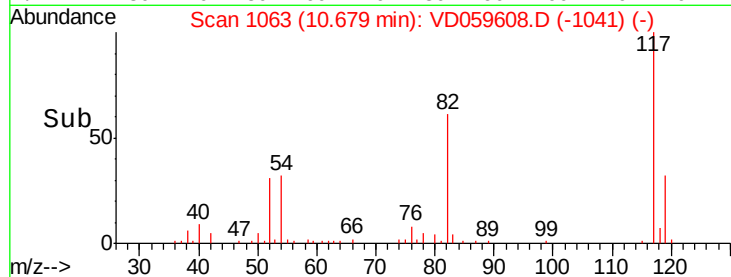
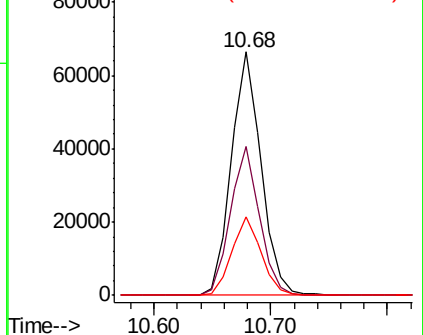
119 32.2 25.4 38.2



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: VD059608.D

Acq: 26 Jul 2018 16:42

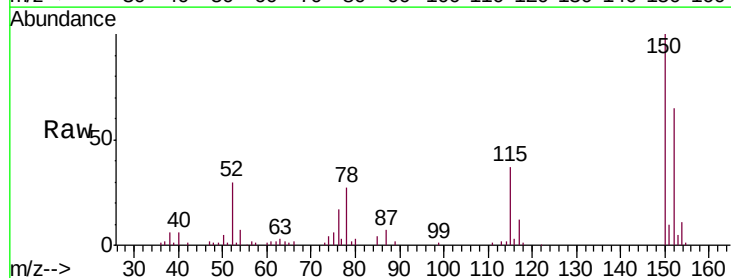
Tgt Ion:152 Resp: 58215

Ion Ratio Lower Upper

152 100

115 56.0 29.5 88.6

150 152.9 0.0 314.4



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

