

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059600.D
 Acq On : 25 Jul 2018 20:26
 Operator : VA/AP
 Sample : J4026-08RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0492-180716RE

Quant Time: Jul 26 05:36:36 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

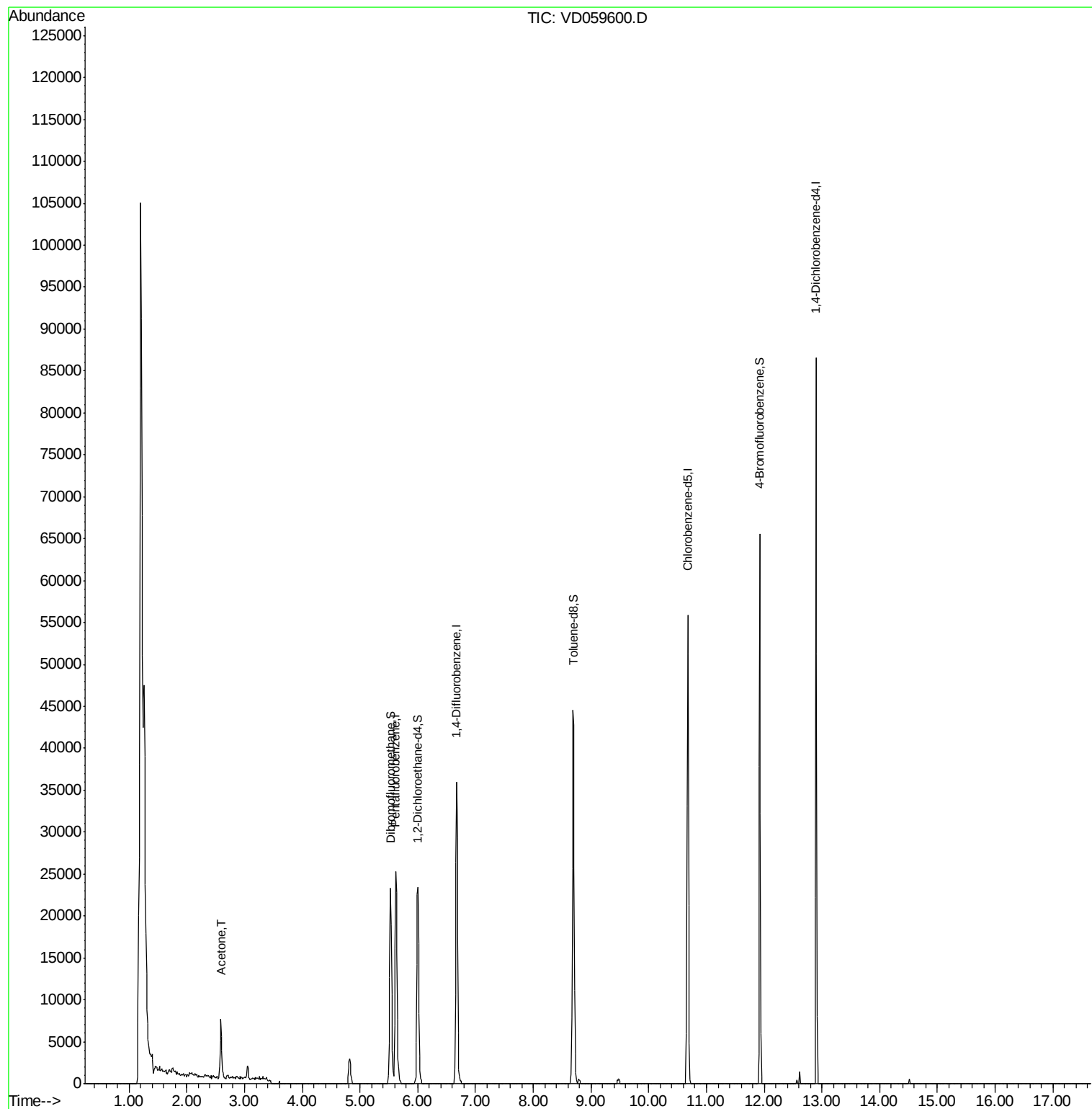
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	25229	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	36993	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	34030	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	16604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	27264	85.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	171.92%	
35) Dibromofluoromethane	5.52	113	19026	59.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.92%	
50) Toluene-d8	8.69	98	38187	53.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.92	95	17936	55.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.64%	
Target Compounds						
16) Acetone	2.59	43	10518	219.59	ug/l	Qvalue 98

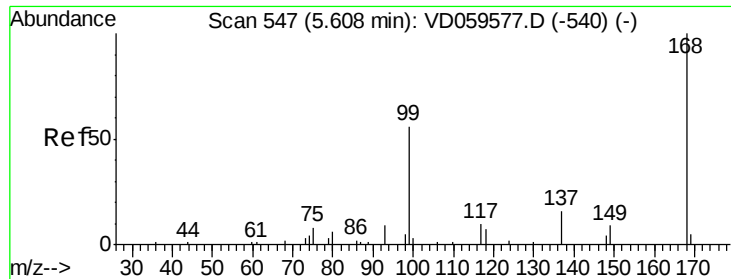
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059600.D

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ClientSampleId :

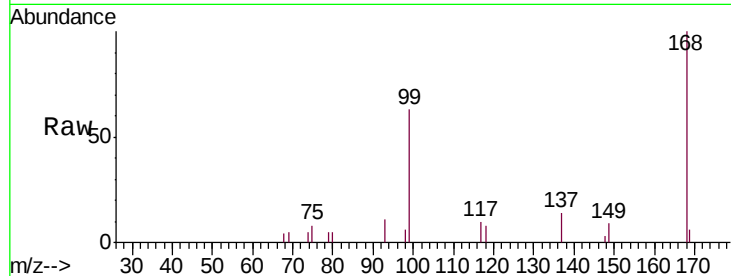
DUP-0492-180716RE

Tot Ion:168 Resp: 25229

Ion Ratio Lower Upper

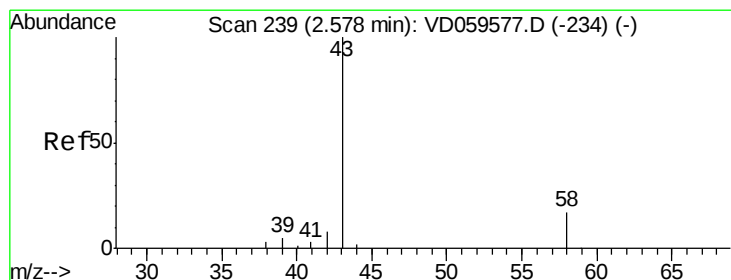
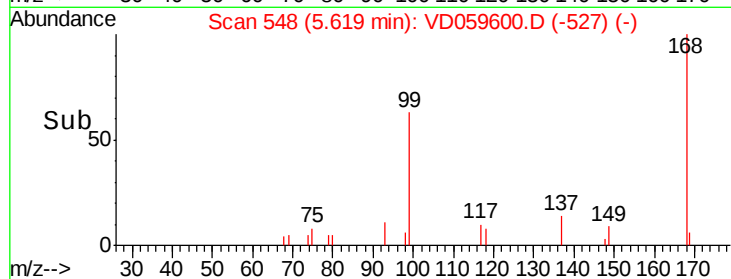
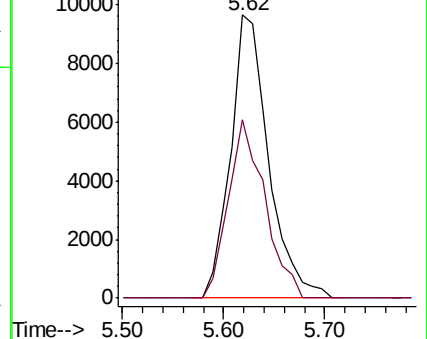
168 100

99 62.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 219.59 ug/l

RT: 2.59 min Scan# 240

Delta R.T. 0.01 min

Lab File: VD059600.D

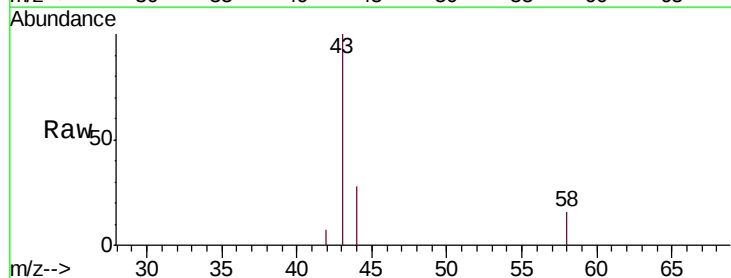
Acq: 25 Jul 2018 20:26

Tgt Ion: 43 Resp: 10518

Ion Ratio Lower Upper

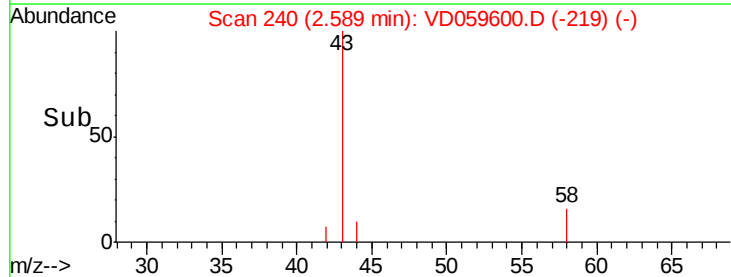
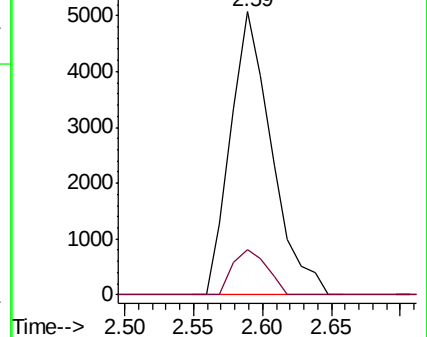
43 100

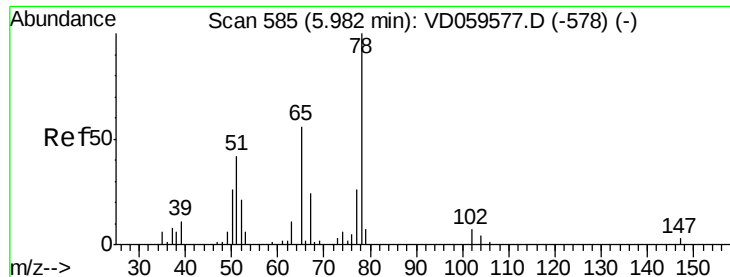
58 15.9 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

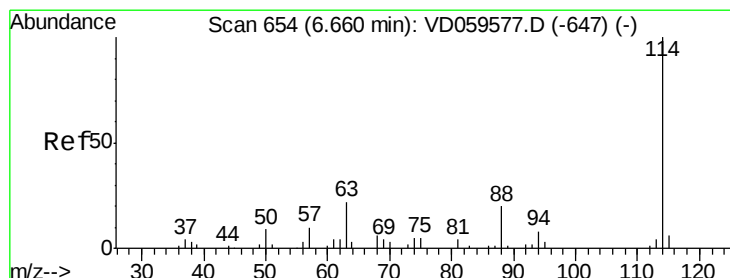
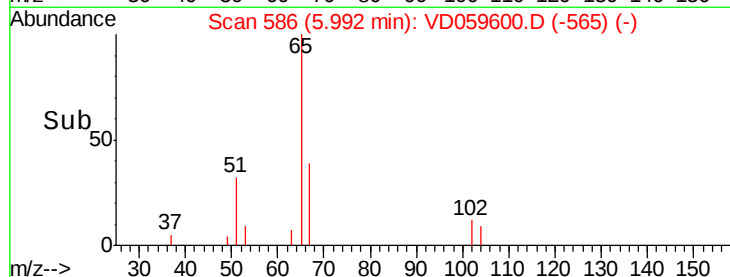
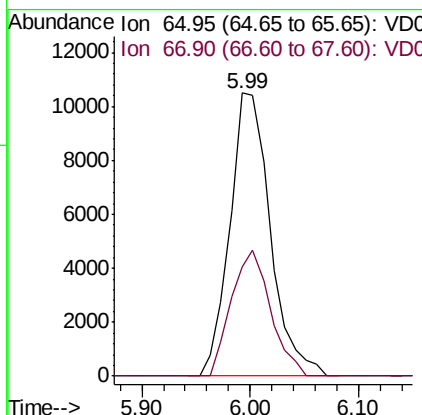
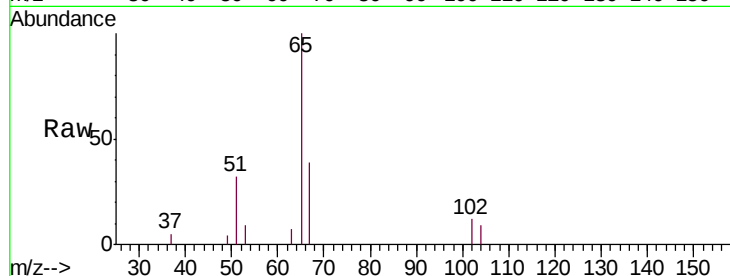




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: VD059600.D
 Acq: 25 Jul 2018 20:26

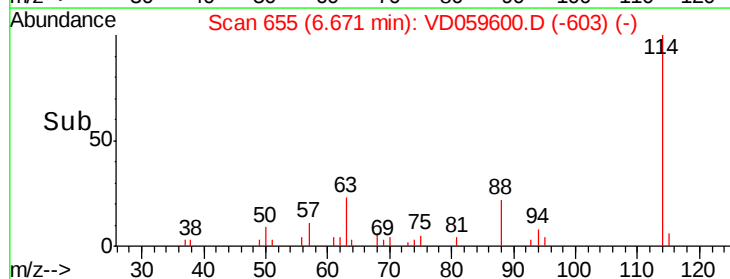
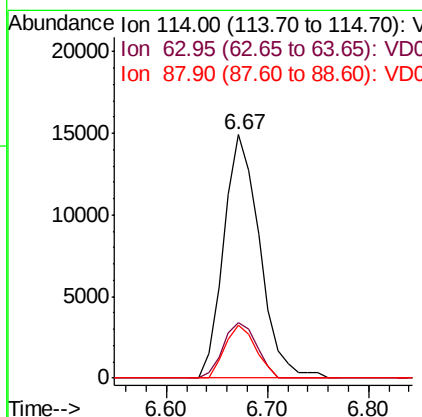
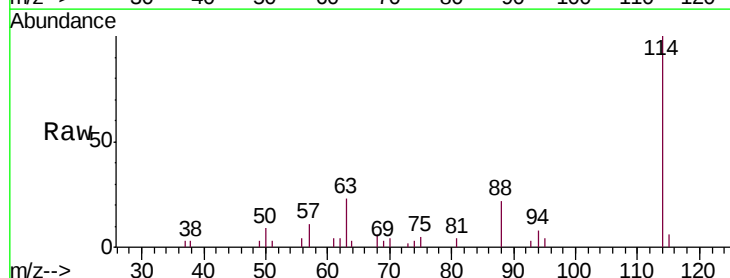
Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0492-180716RE

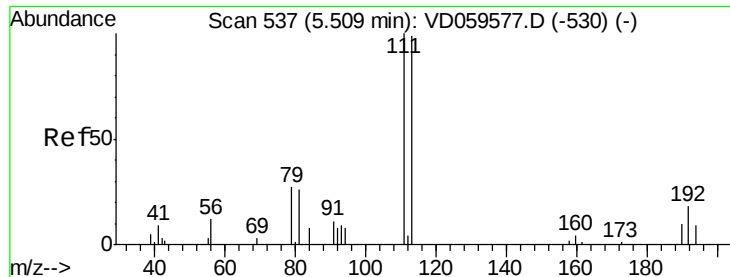
Tot Ion: 65 Resp: 27264
 Ion Ratio Lower Upper
 65 100
 67 38.7 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059600.D
 Acq: 25 Jul 2018 20:26

Tgt Ion: 114 Resp: 36993
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.8
 88 21.9 0.0 39.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

DUP-0492-180716RE

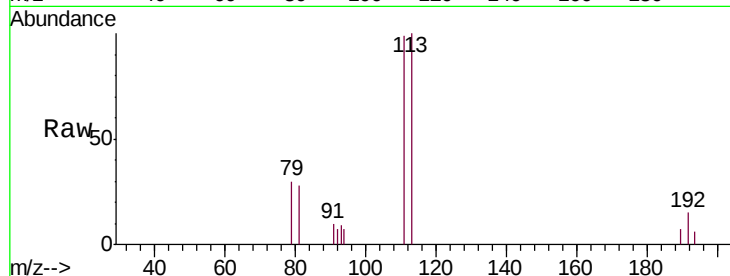
Tot Ion:113 Resp: 19026

Ion Ratio Lower Upper

113 100

111 98.7 80.5 120.7

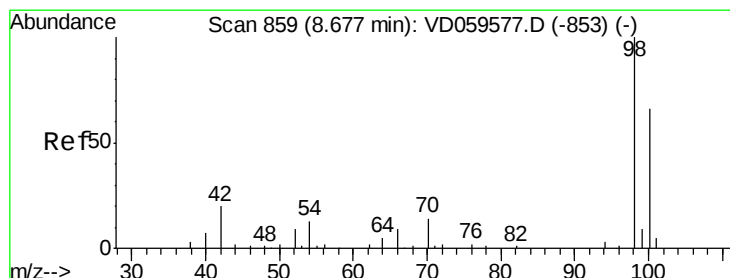
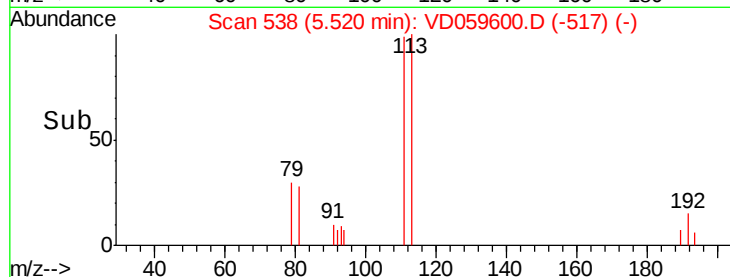
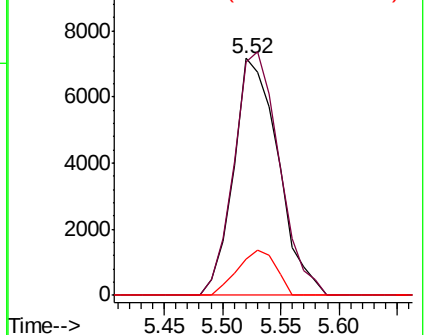
192 15.2 14.5 21.7



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# 860

Delta R.T. 0.01 min

Lab File: VD059600.D

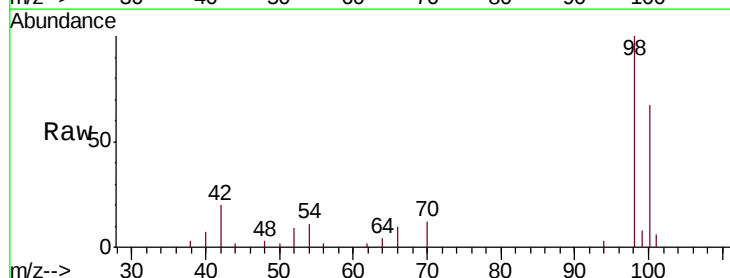
Acq: 25 Jul 2018 20:26

Tgt Ion: 98 Resp: 38187

Ion Ratio Lower Upper

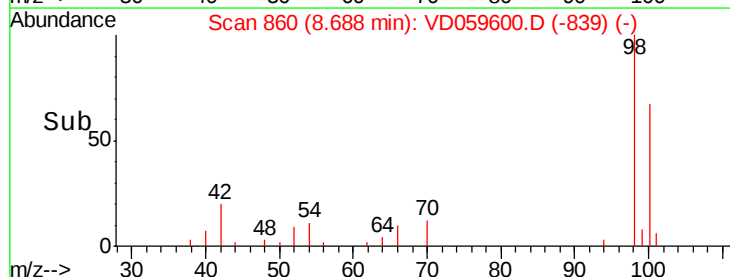
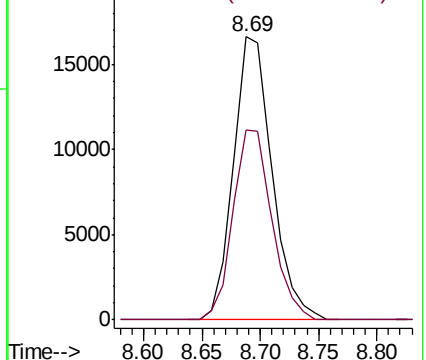
98 100

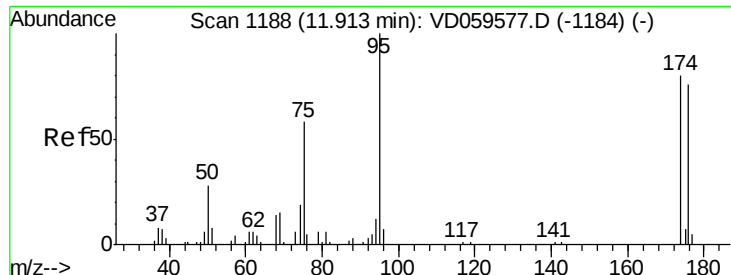
100 67.2 53.2 79.8



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. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

DUP-0492-180716RE

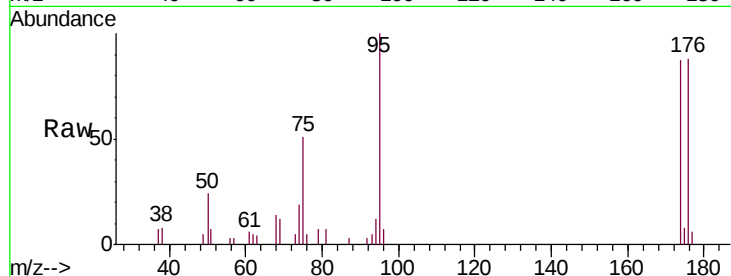
Tot Ion: 95 Resp: 17936

Ion Ratio Lower Upper

95 100

174 87.0 0.0 160.6

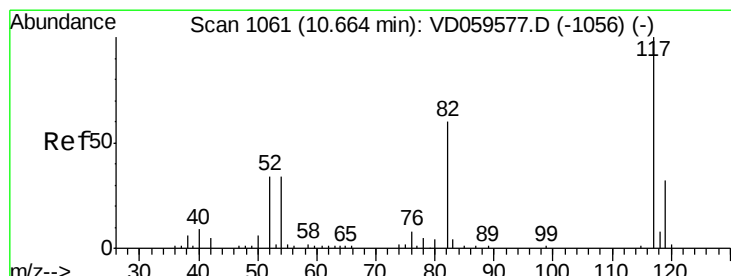
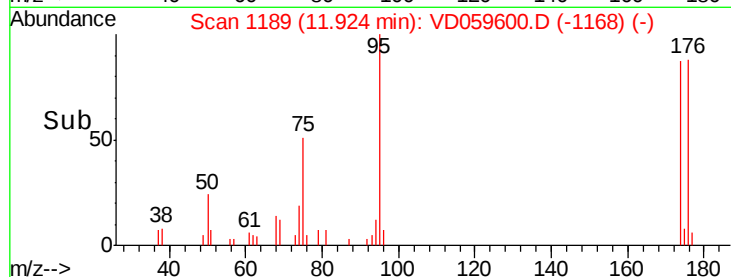
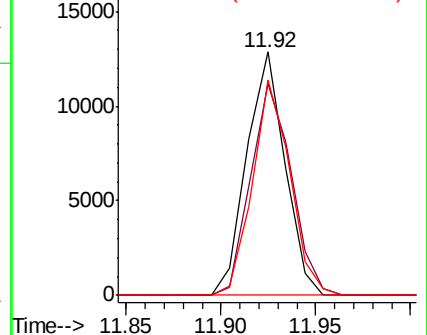
176 88.3 0.0 152.8



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. 0.02 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

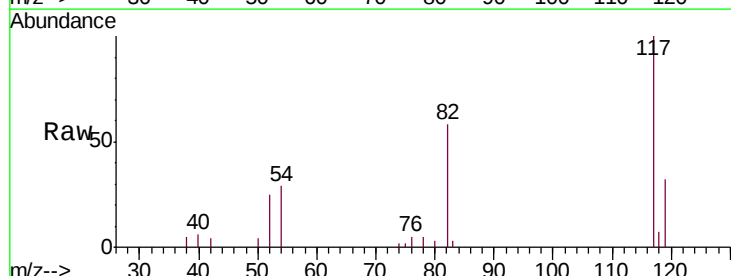
Tgt Ion: 117 Resp: 34030

Ion Ratio Lower Upper

117 100

82 58.5 48.2 72.2

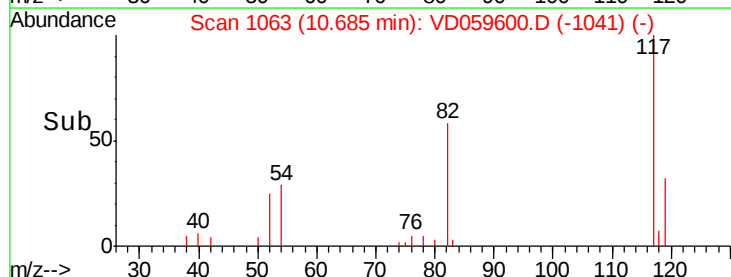
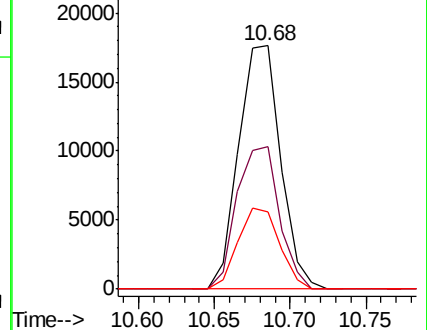
119 31.8 25.4 38.2

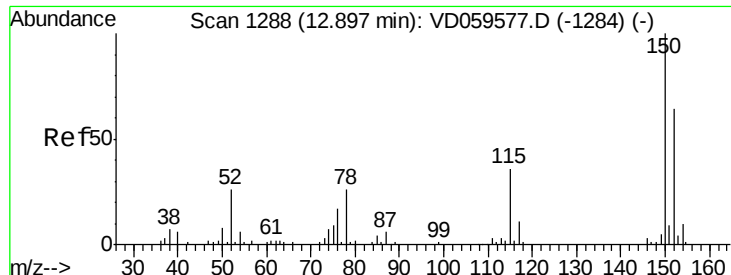


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1288

Delta R.T. 0.00 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

DUP-0492-180716RE

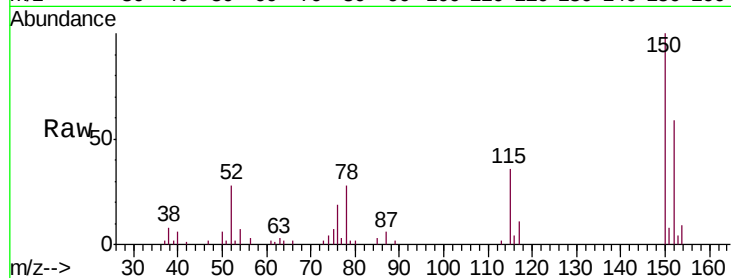
Tot Ion:152 Resp: 16604

Ion Ratio Lower Upper

152 100

115 61.7 29.5 88.6

150 170.8 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

