

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059591.D
 Acq On : 25 Jul 2018 16:03
 Operator : VA/AP
 Sample : J4070-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC015-S-180718

Quant Time: Jul 26 11:03:15 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

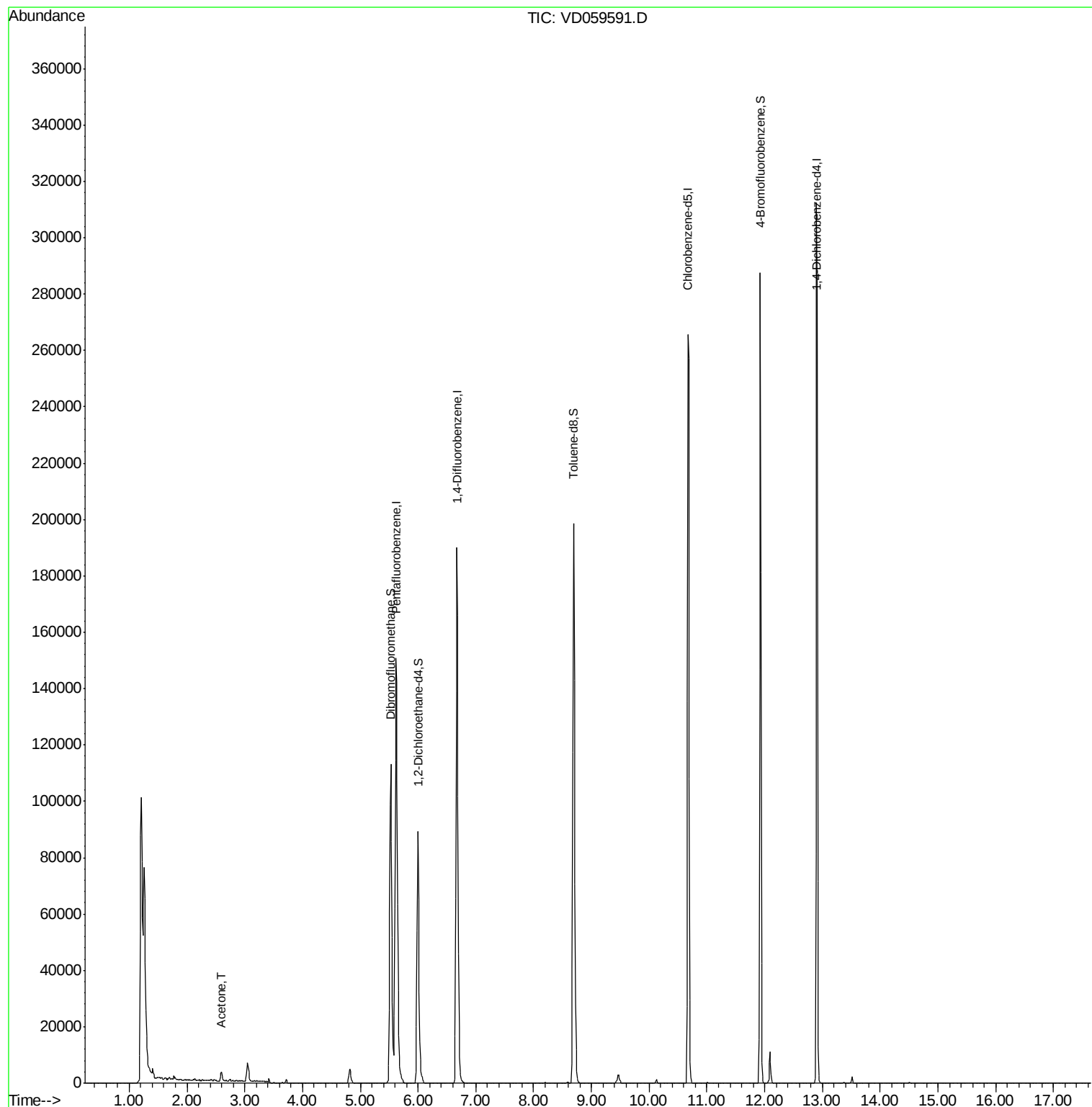
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	144840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	181308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	143652	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	70744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	101717	55.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	5.53	113	89673	57.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.32%	
50) Toluene-d8	8.69	98	167188	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.92	95	76962	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	2.60	43	5576	20.28	ug/l	Qvalue 93

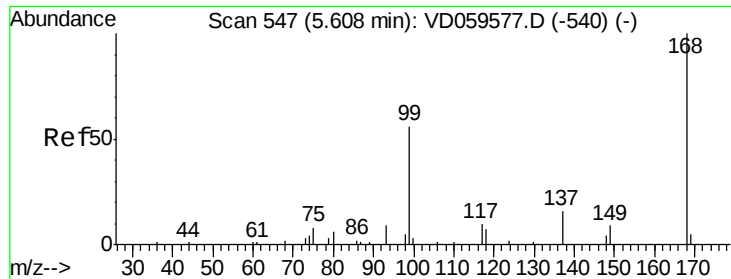
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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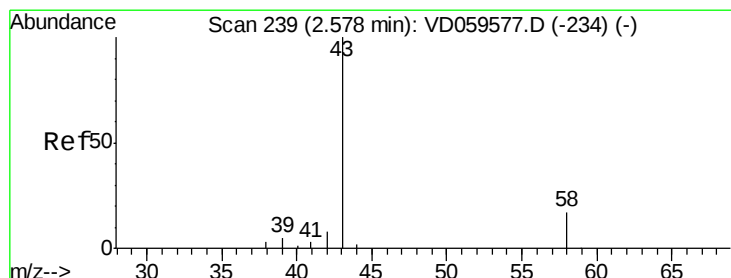
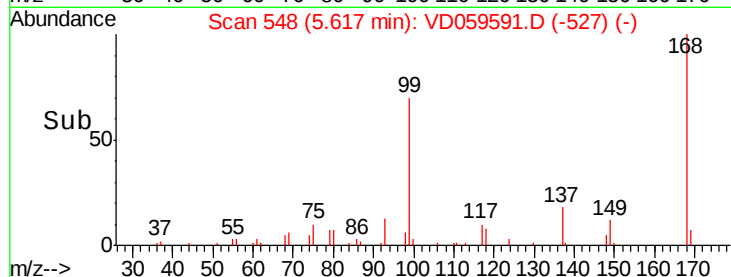
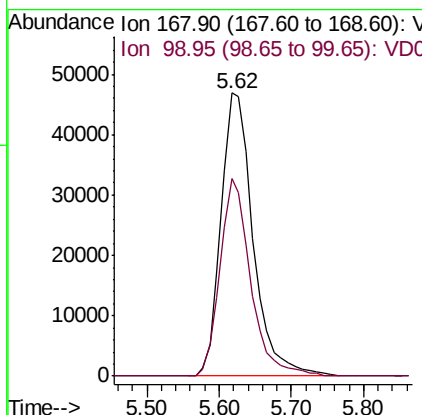
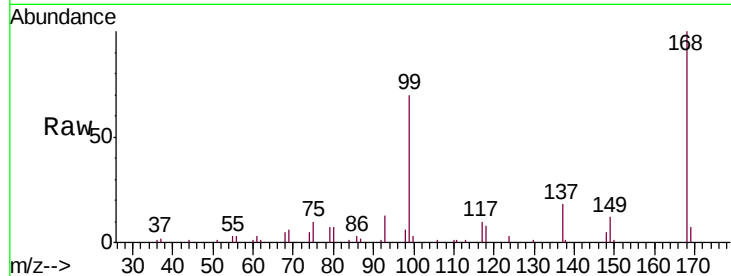




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

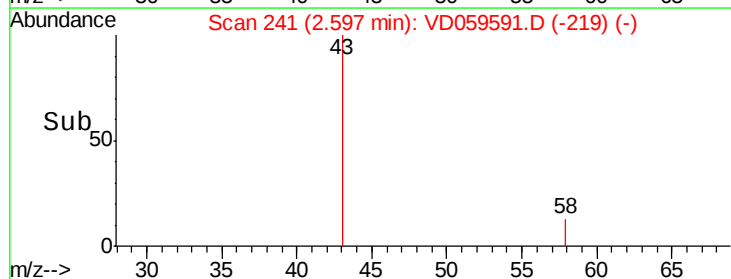
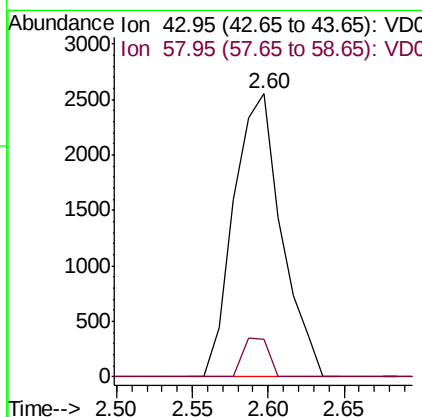
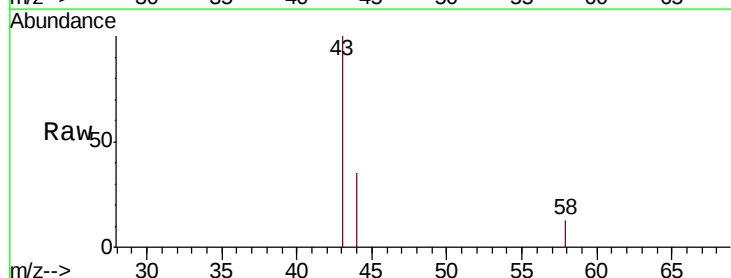
Instrument :
MSVOA_D
ClientSampleId :
KY030LC015-S-180718

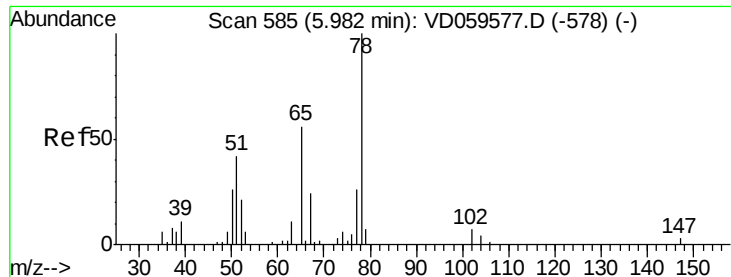
Tot Ion:168 Resp: 144840
Ion Ratio Lower Upper
168 100
99 69.7 47.3 70.9



#16
Acetone
Concen: 20.28 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059591.D
Acq: 25 Jul 2018 16:03

Tgt Ion: 43 Resp: 5576
Ion Ratio Lower Upper
43 100
58 13.5 13.4 20.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

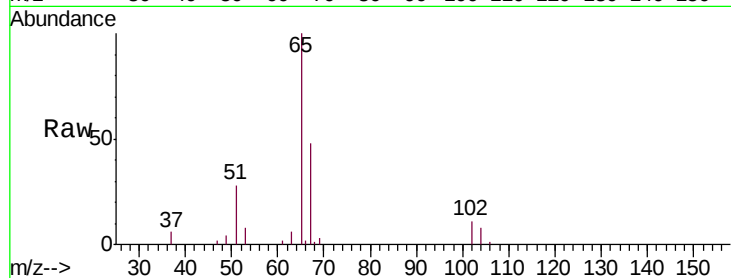
KY030LC015-S-180718

Tot Ion: 65 Resp: 101717

Ion Ratio Lower Upper

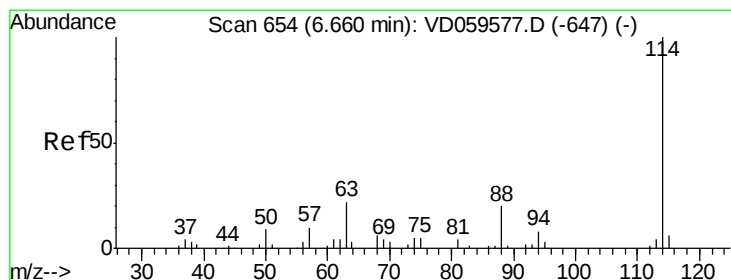
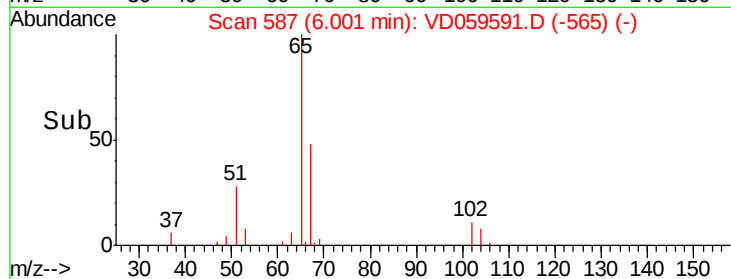
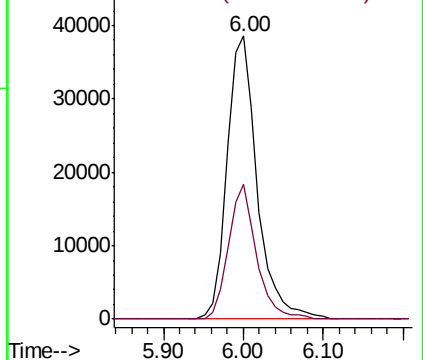
65 100

67 47.9 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. 0.01 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

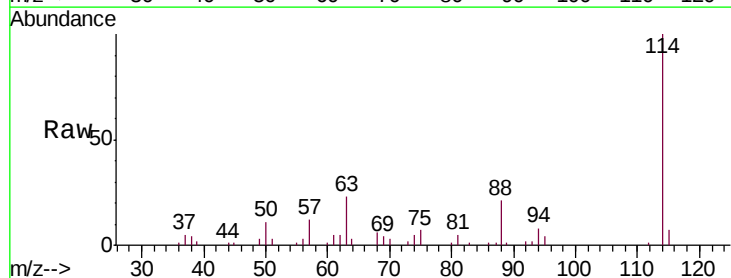
Tgt Ion: 114 Resp: 181308

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.8

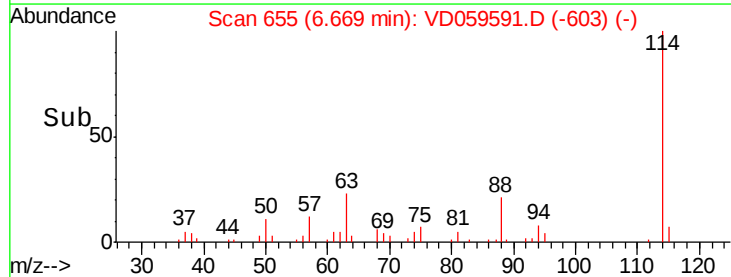
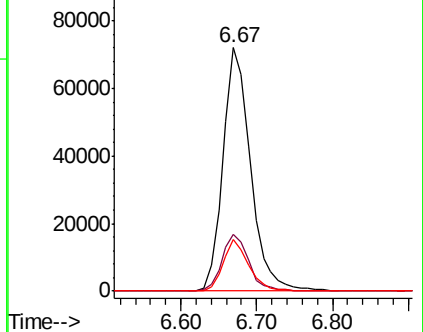
88 21.4 0.0 39.0

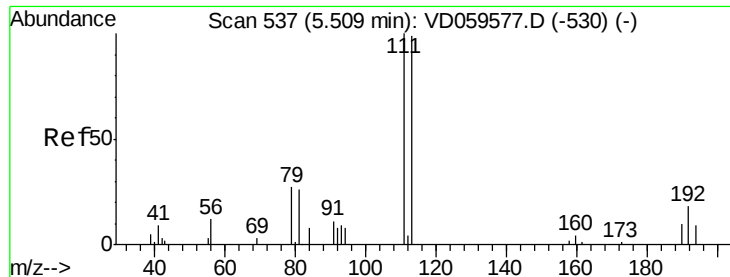


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

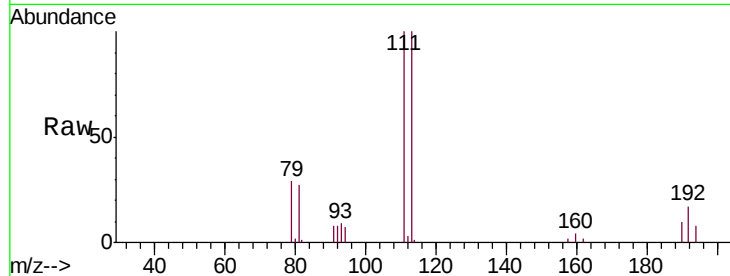




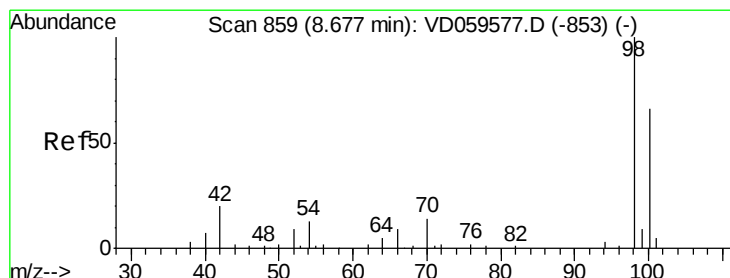
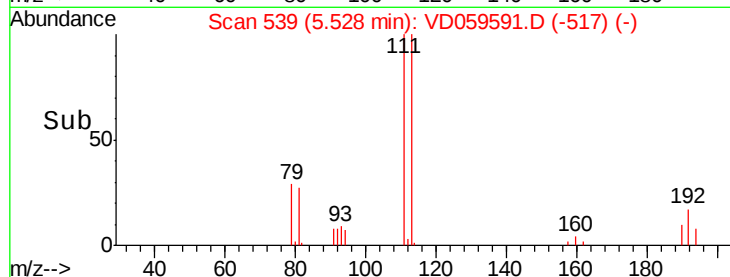
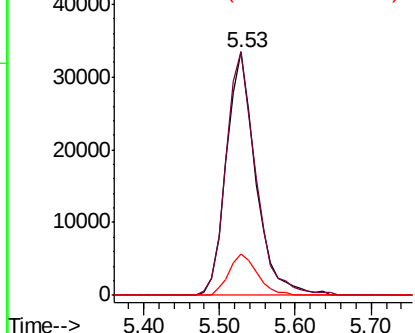
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC015-S-180718

Tot Ion:113 Resp: 89673
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.5 120.7
 192 17.3 14.5 21.7

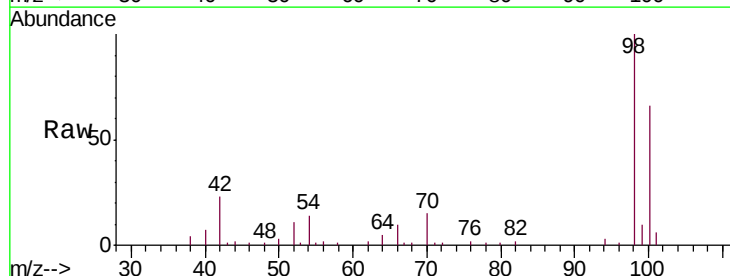


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

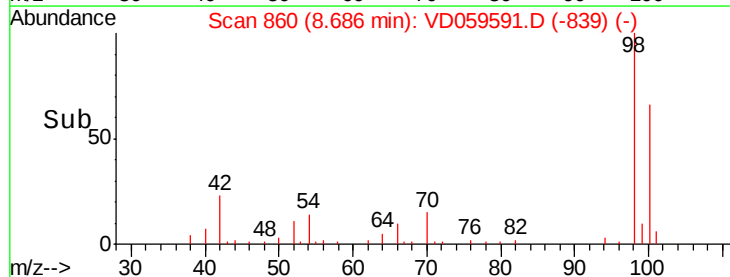
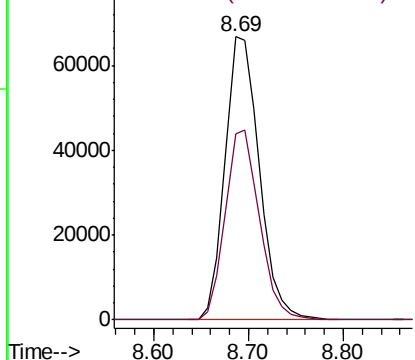


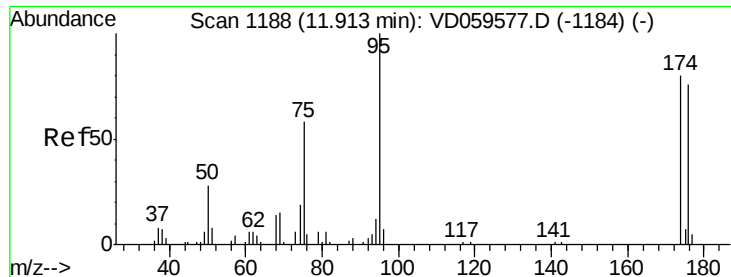
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VD059591.D
 Acq: 25 Jul 2018 16:03

Tgt Ion: 98 Resp: 167188
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.2 79.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

KY030LC015-S-180718

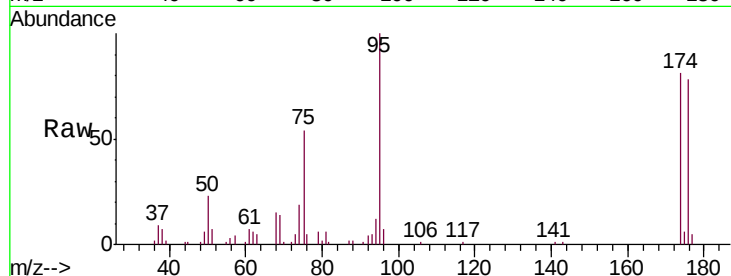
Tot Ion: 95 Resp: 76962

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.6

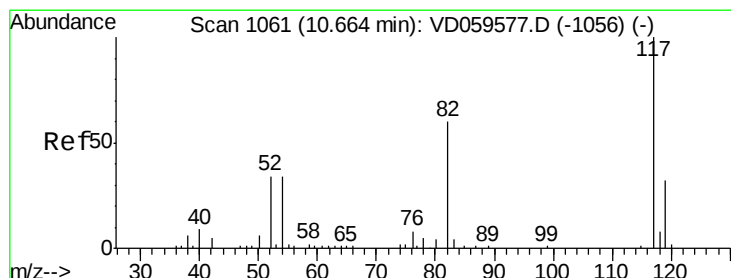
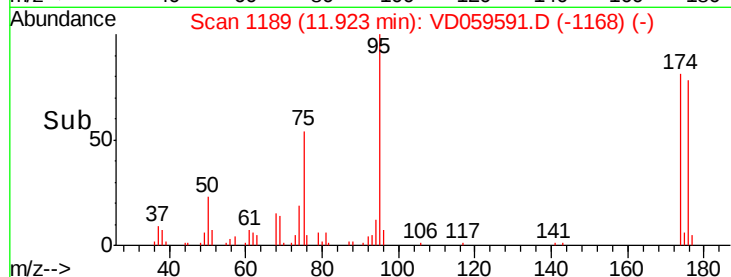
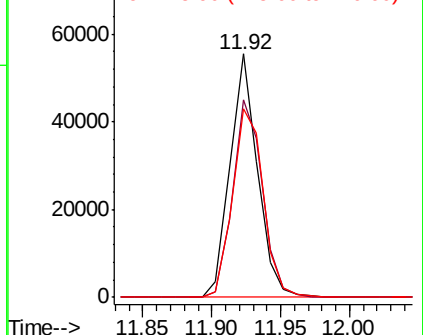
176 77.5 0.0 152.8



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: VD059591.D

Acq: 25 Jul 2018 16:03

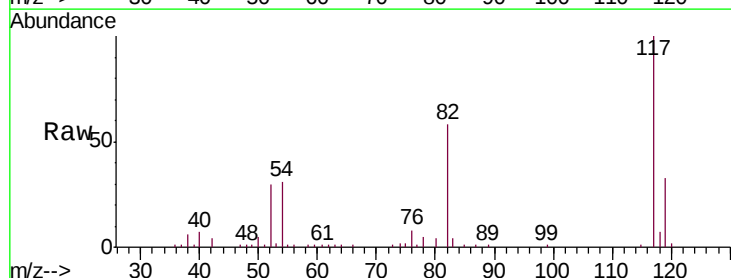
Tgt Ion: 117 Resp: 143652

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.2

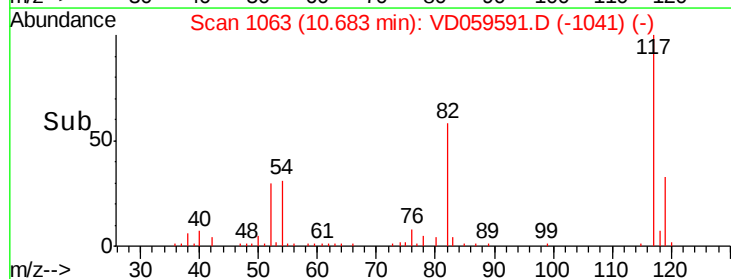
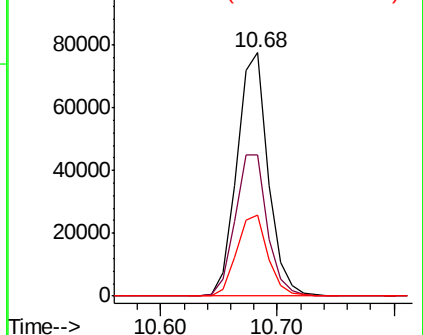
119 33.1 25.4 38.2

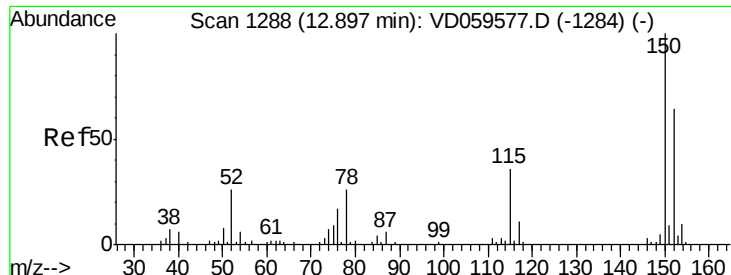


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059591.D

Acq: 25 Jul 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

KY030LC015-S-180718

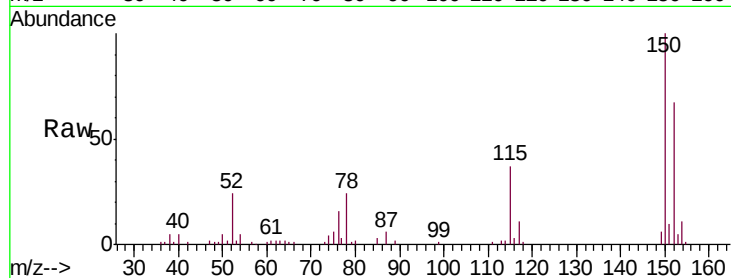
Tot Ion:152 Resp: 70744

Ion Ratio Lower Upper

152 100

115 55.1 29.5 88.6

150 149.5 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

