

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058134.D
 Acq On : 14 Jun 2018 14:30
 Operator : VA/AP
 Sample : J3420-03
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40(0-5)

Quant Time: Jun 15 06:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

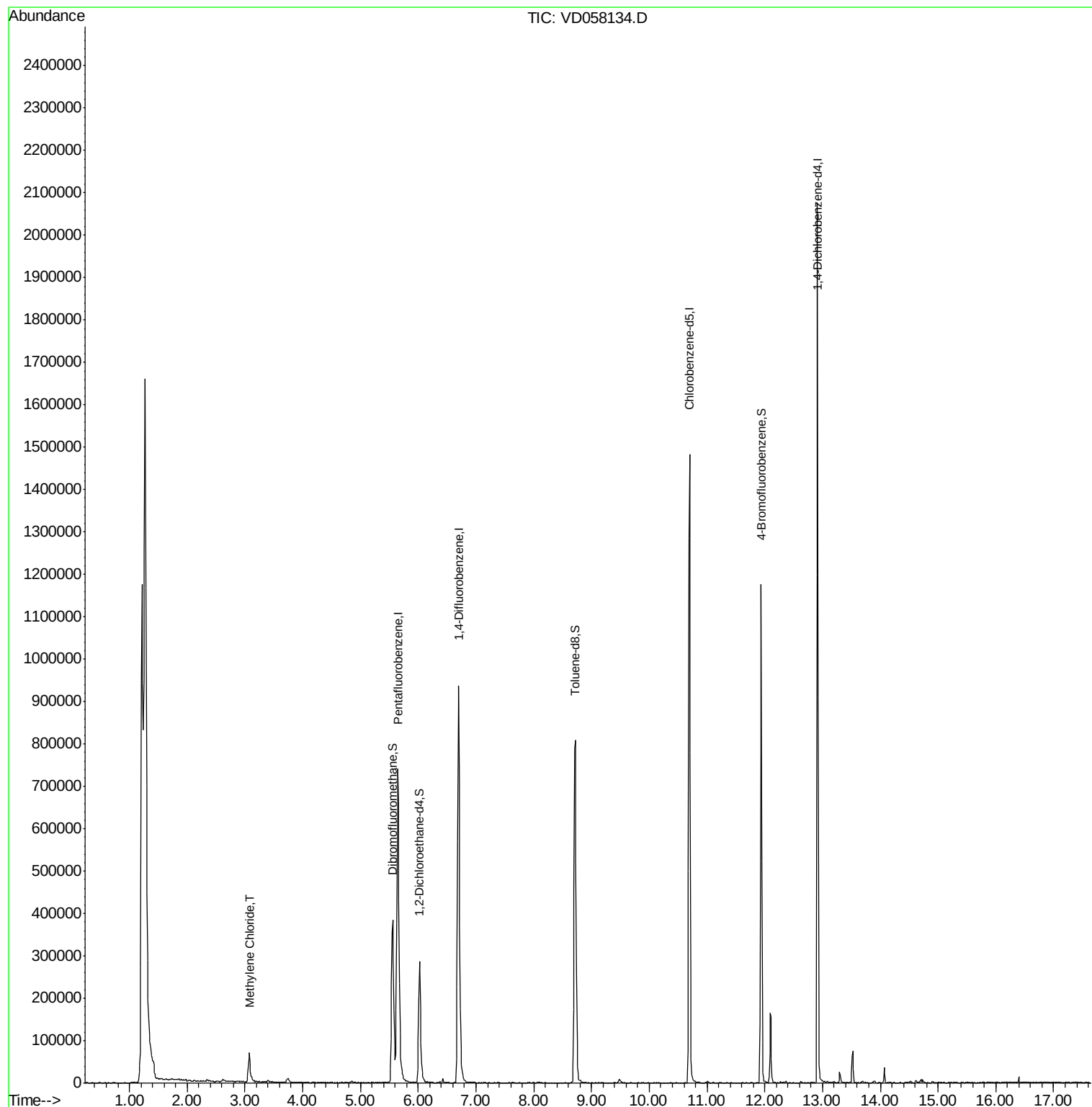
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	752235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1001592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	800580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	423894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	283131	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
35) Dibromofluoromethane	5.56	113	302847	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
50) Toluene-d8	8.72	98	654147	35.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.02%	
62) 4-Bromofluorobenzene	11.94	95	301565	37.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.04%	
Target Compounds						
20) Methylene Chloride	3.08	84	31833	5.261	ug/l #	Qvalue 69

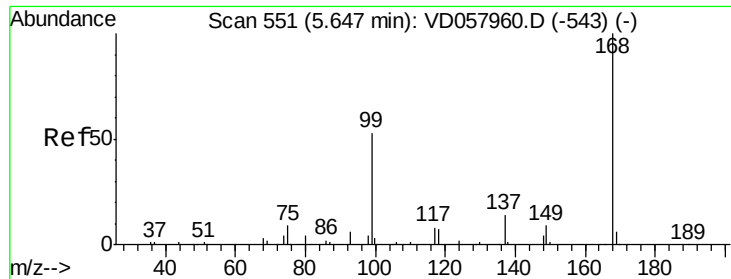
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

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ClientSampleId :

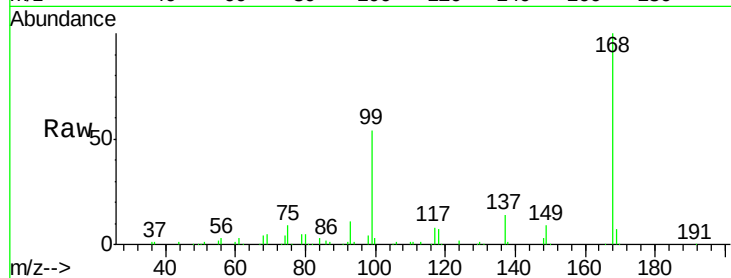
SB-40(0-5)

Tot Ion:168 Resp: 752235

Ion Ratio Lower Upper

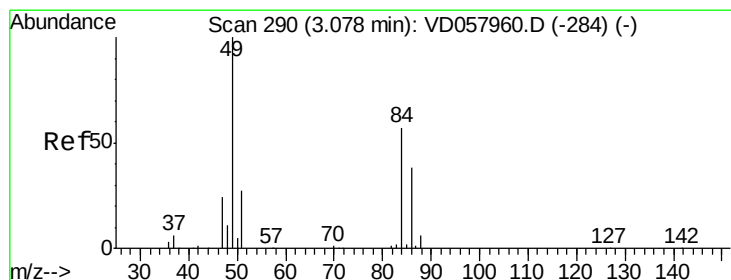
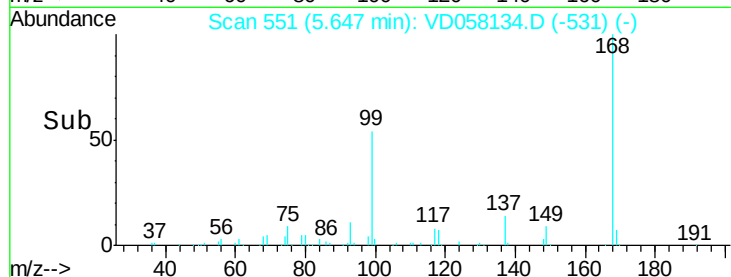
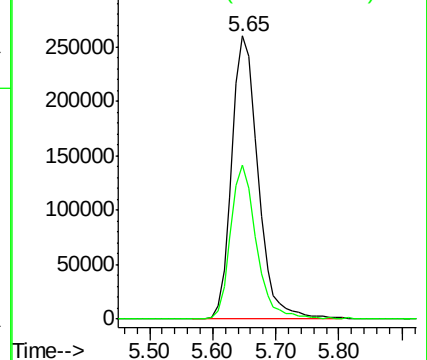
168 100

99 54.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.261 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.00 min

Lab File: VD058134.D

Acq: 14 Jun 2018 14:30

Tgt Ion: 84 Resp: 31833

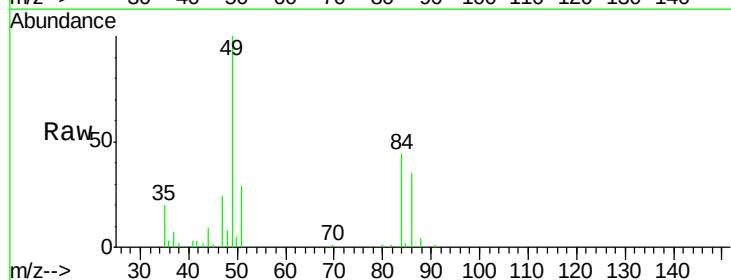
Ion Ratio Lower Upper

84 100

49 228.7 141.4 212.0#

51 65.7 38.3 57.5#

86 80.4 52.9 79.3#

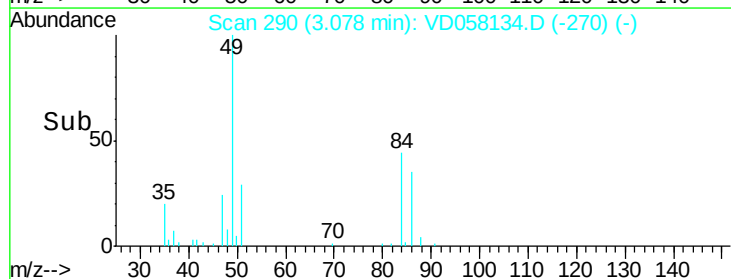
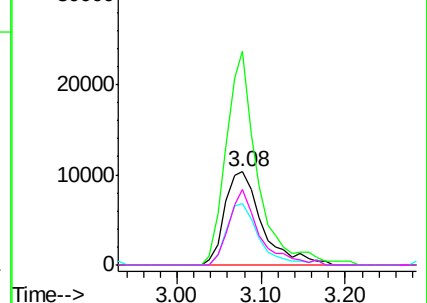


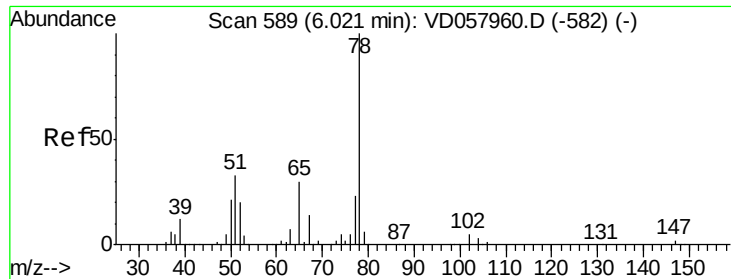
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

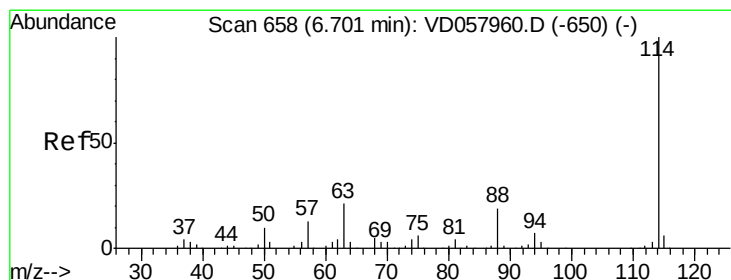
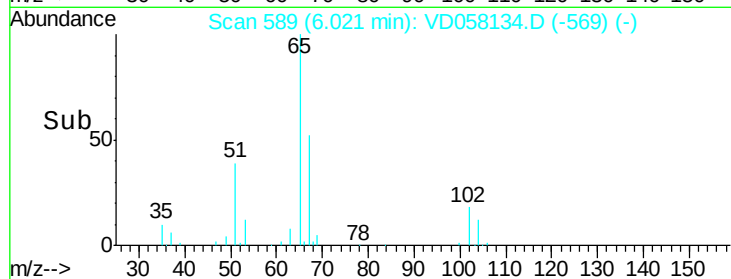
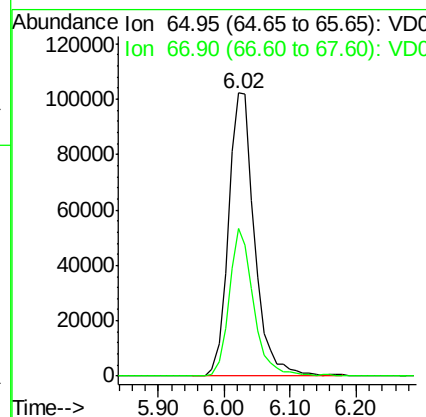
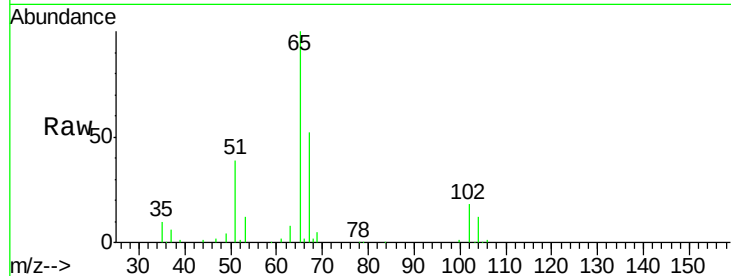




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058134.D
 Acq: 14 Jun 2018 14:30

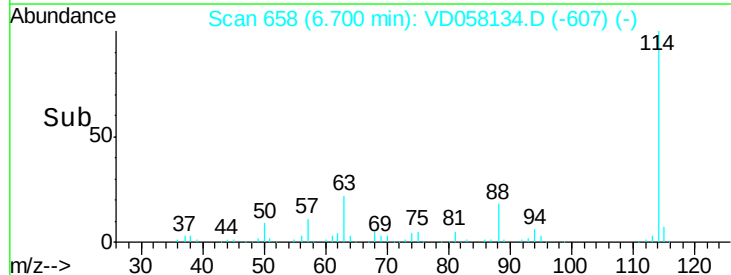
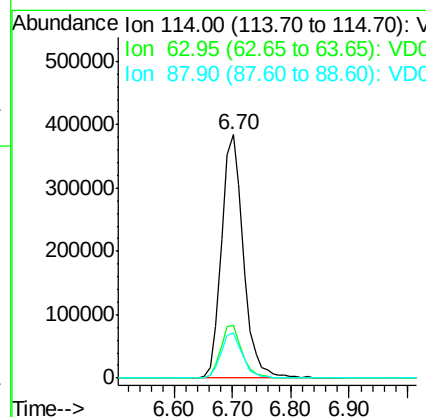
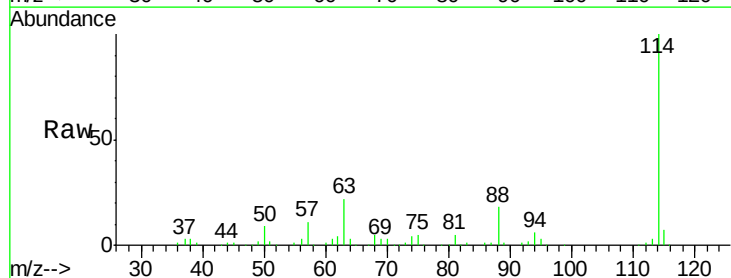
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40(0-5)

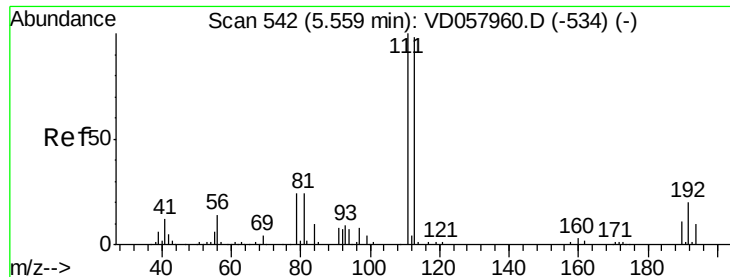
Tot Ion: 65 Resp: 283131
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VD058134.D
 Acq: 14 Jun 2018 14:30

Tgt Ion: 114 Resp: 1001592
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 18.3 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.56 min Scan# 542

Delta R.T. -0.00 min

Lab File: VD058134.D

Acq: 14 Jun 2018 14:30

Instrument :

MSVOA_D

ClientSampleId :

SB-40(0-5)

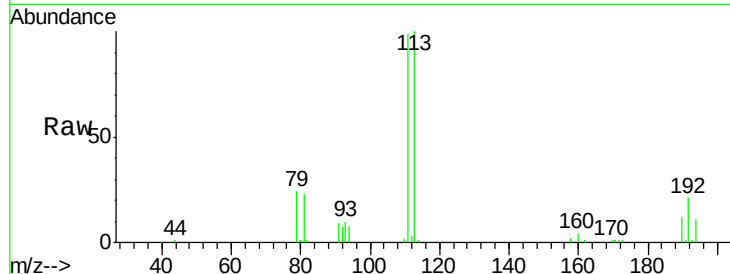
Tot Ion:113 Resp: 302847

Ion Ratio Lower Upper

113 100

111 99.0 81.5 122.3

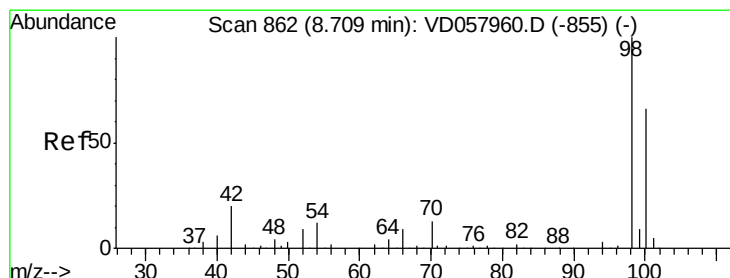
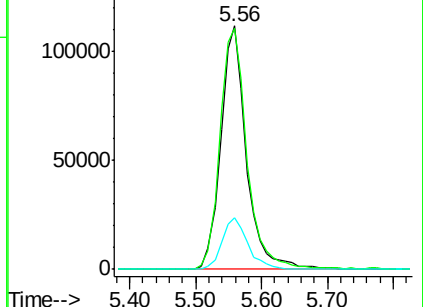
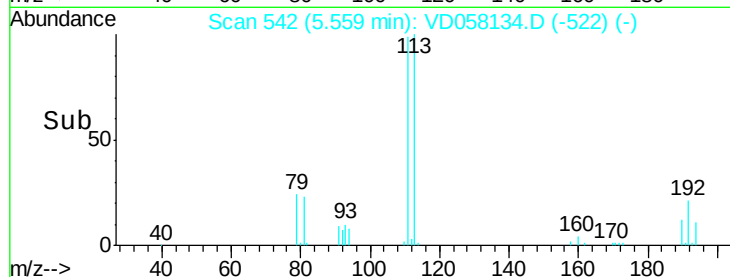
192 21.0 16.4 24.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058134.D

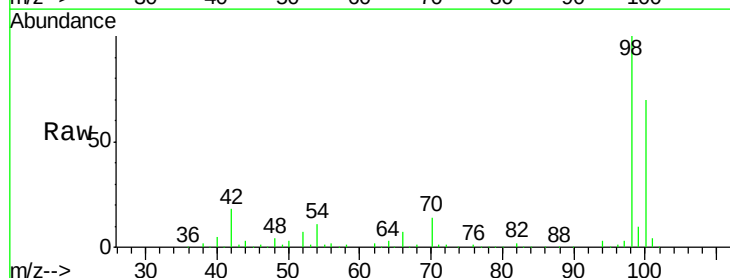
Acq: 14 Jun 2018 14:30

Tgt Ion: 98 Resp: 654147

Ion Ratio Lower Upper

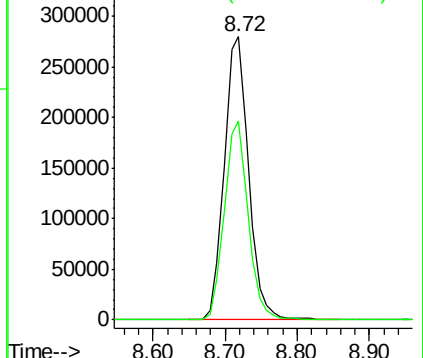
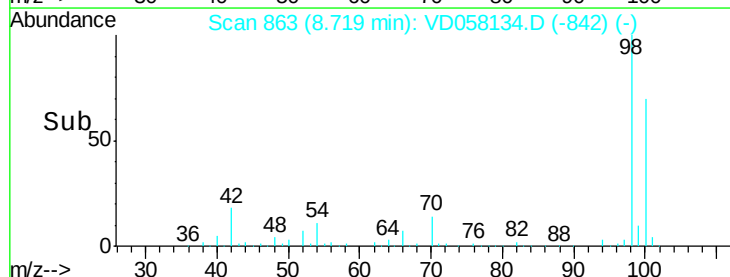
98 100

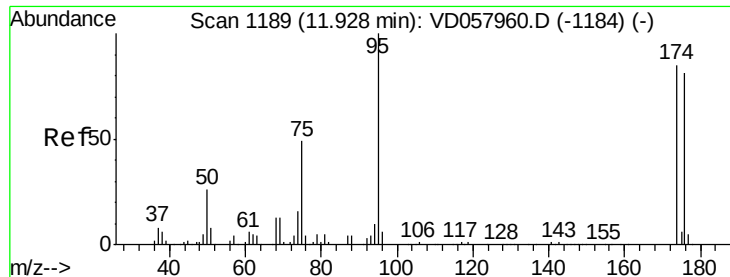
100 70.2 53.4 80.0



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058134.D

Acq: 14 Jun 2018 14:30

Instrument :

MSVOA_D

ClientSampleId :

SB-40(0-5)

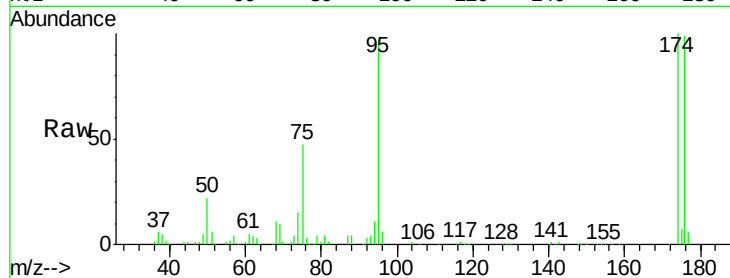
Tot Ion: 95 Resp: 301565

Ion Ratio Lower Upper

95 100

174 103.3 0.0 169.4

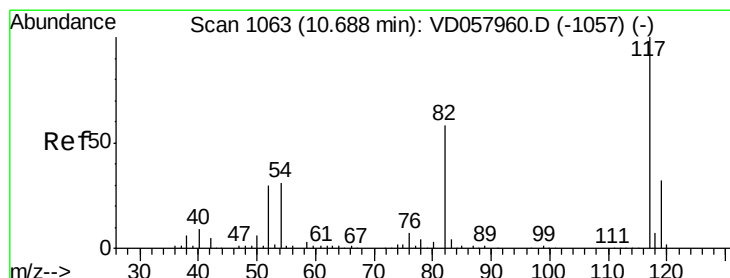
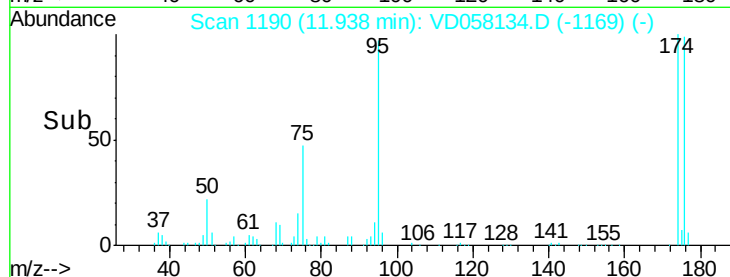
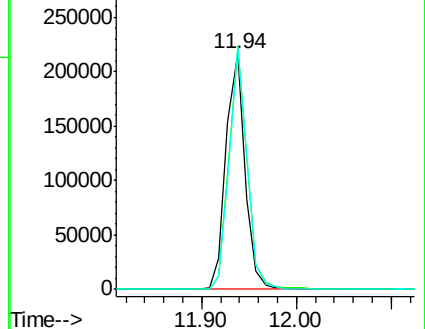
176 102.7 0.0 162.6



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: 50.000 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058134.D

Acq: 14 Jun 2018 14:30

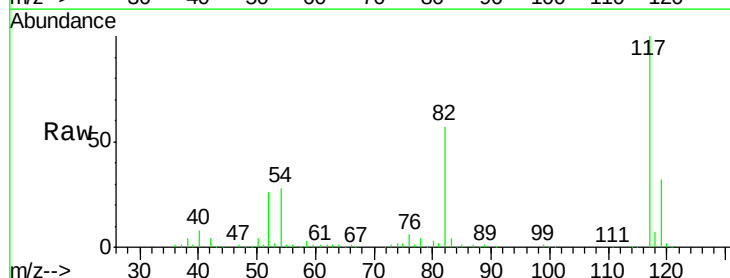
Tgt Ion: 117 Resp: 800580

Ion Ratio Lower Upper

117 100

82 56.7 46.8 70.2

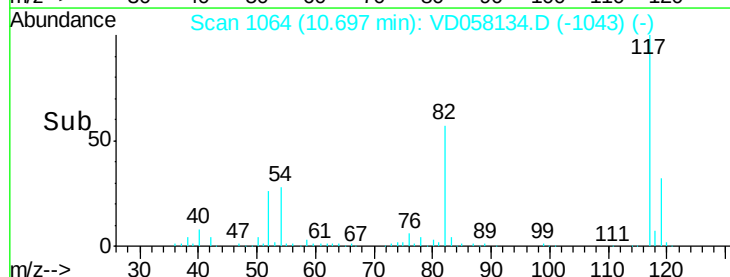
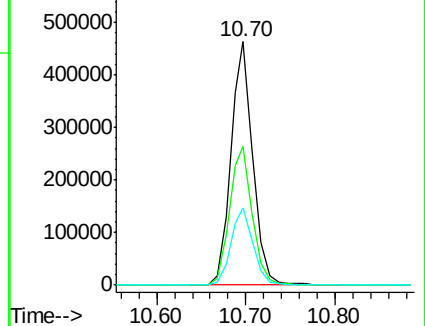
119 31.8 25.8 38.6

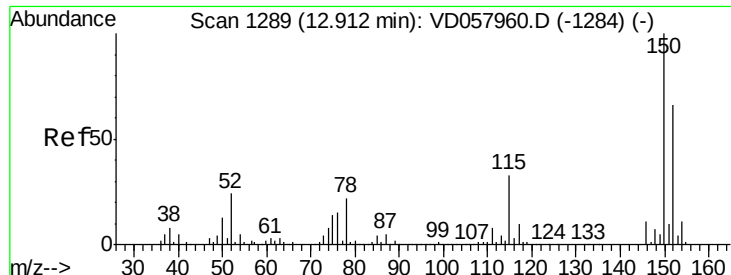


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058134.D

Acq: 14 Jun 2018 14:30

Instrument :

MSVOA_D

ClientSampleId :

SB-40(0-5)

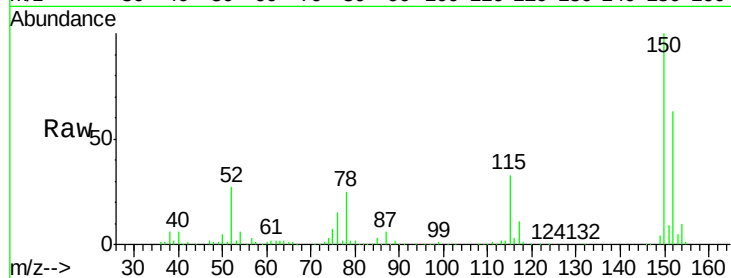
Tot Ion:152 Resp: 423894

Ion Ratio Lower Upper

152 100

115 52.1 25.6 76.6

150 157.7 0.0 306.8



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

