

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059416.D
 Acq On : 26 Jun 2018 10:50
 Operator : VA/AP
 Sample : VD0626SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

Quant Time: Jun 26 13:31:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

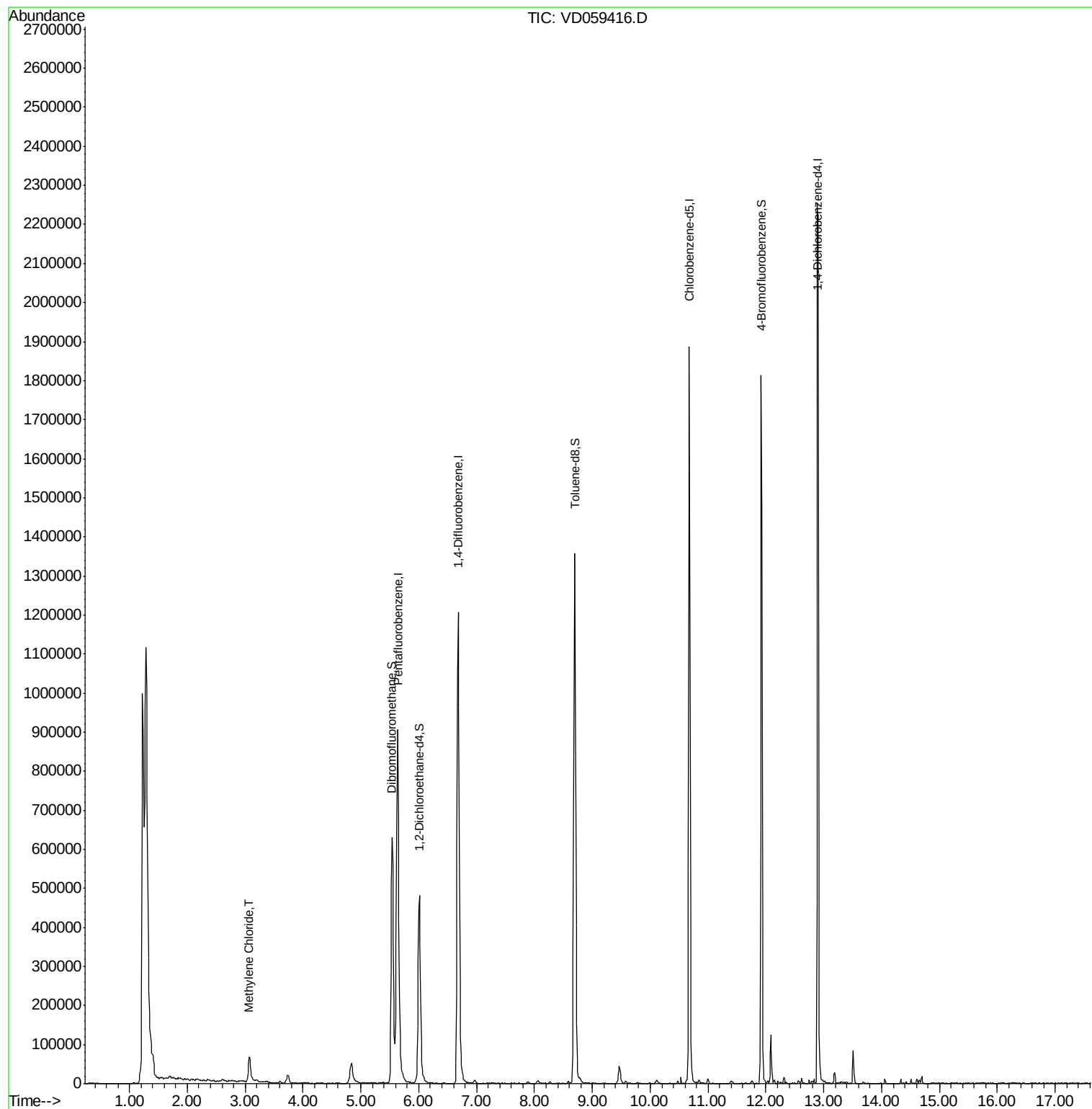
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	977545	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1283015	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	1049460	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	545654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	491566	49.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	5.54	113	512283	49.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.70	98	1137645	46.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.92	95	496127	48.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
20) Methylene Chloride	3.07	84	35907	8.17	ug/l	Qvalue 92

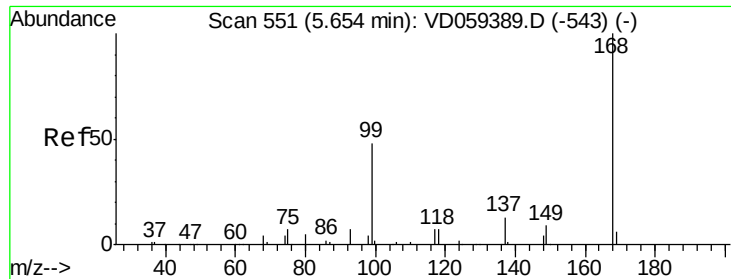
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

Instrument :

MSVOA_D

ClientSampleId :

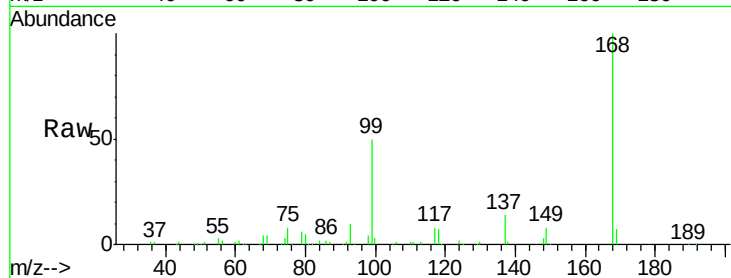
VD0626SBL01

Tot Ion:168 Resp: 977545

Ion Ratio Lower Upper

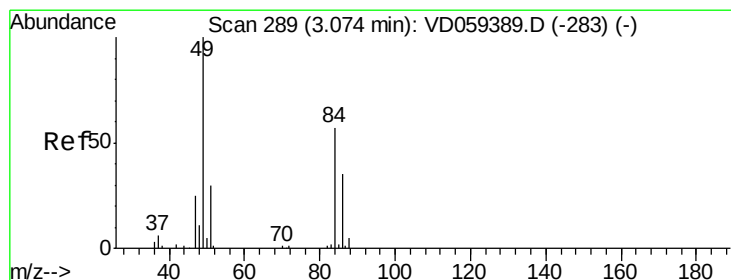
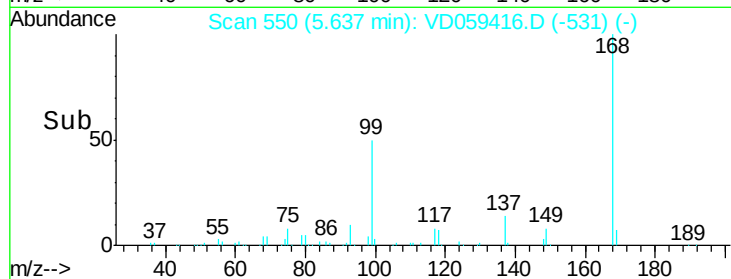
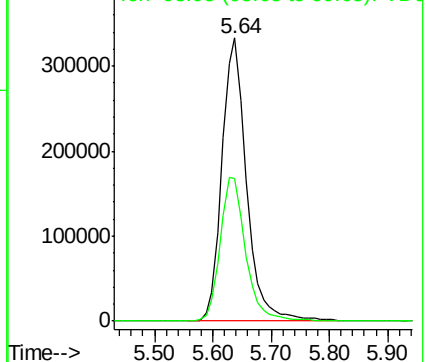
168 100

99 50.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 8.17 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

Tgt Ion: 84 Resp: 35907

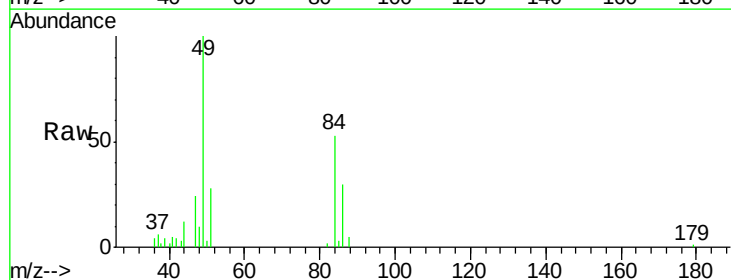
Ion Ratio Lower Upper

84 100

49 189.6 140.3 210.5

51 53.4 41.6 62.4

86 56.8 49.4 74.2

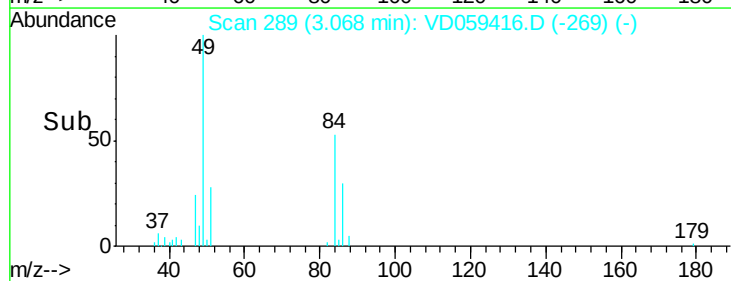
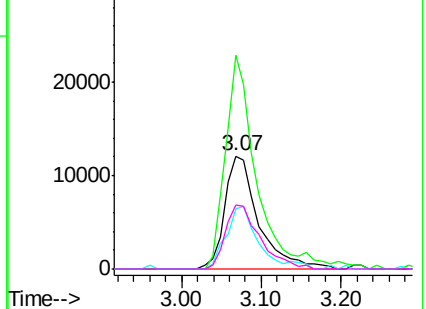


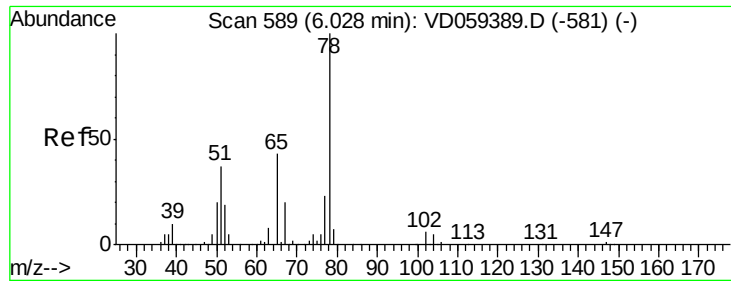
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

Instrument :

MSVOA_D

ClientSampleId :

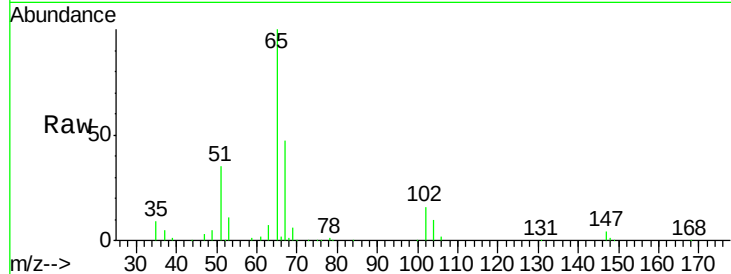
VD0626SBL01

Tot Ion: 65 Resp: 491566

Ion Ratio Lower Upper

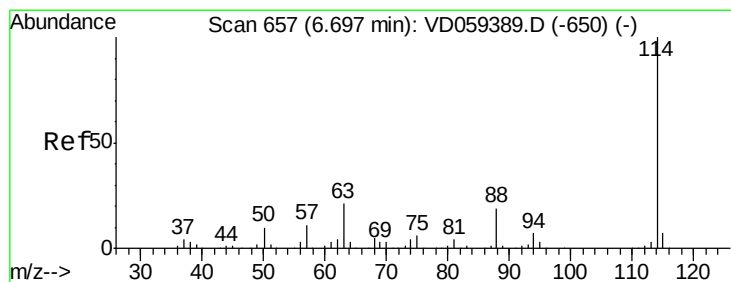
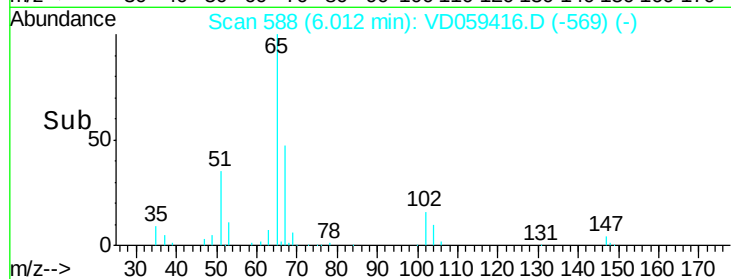
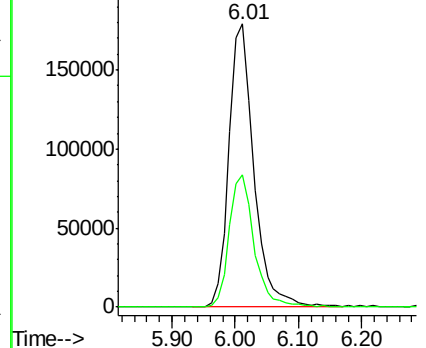
65 100

67 46.7 0.0 93.8



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: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

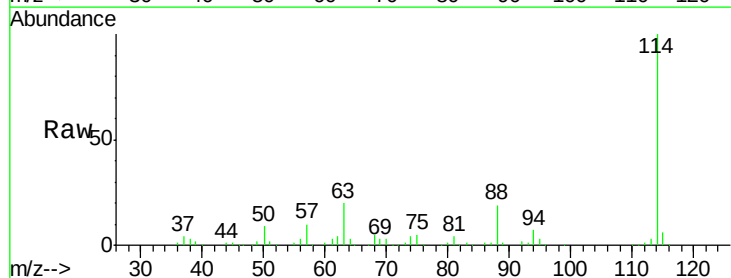
Tgt Ion: 114 Resp: 1283015

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

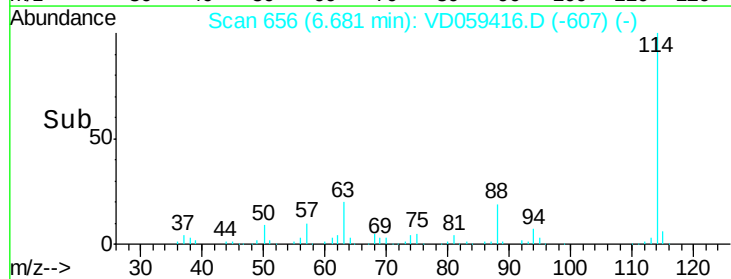
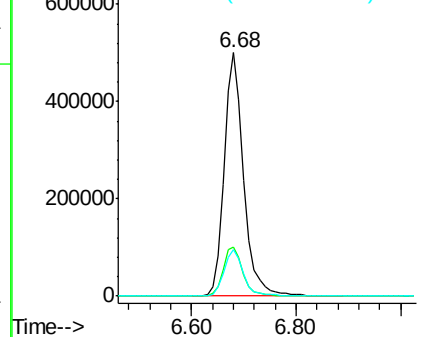
88 18.9 0.0 38.0

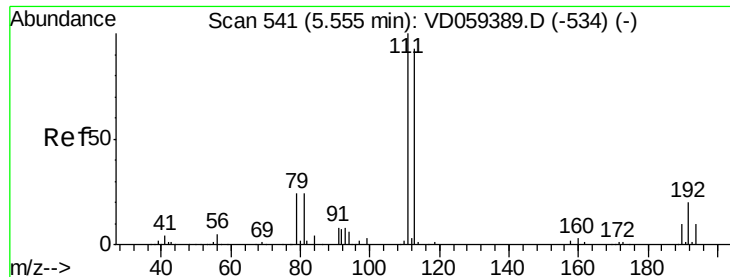


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

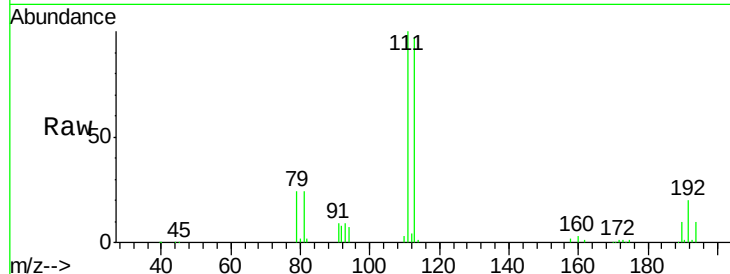




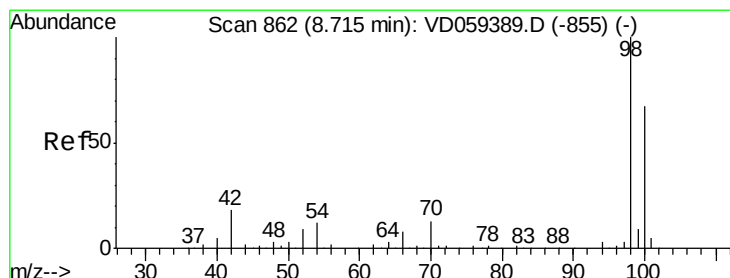
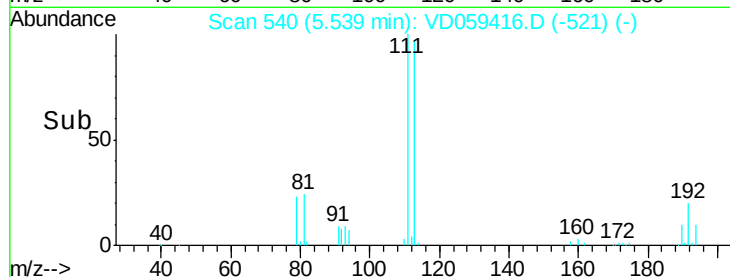
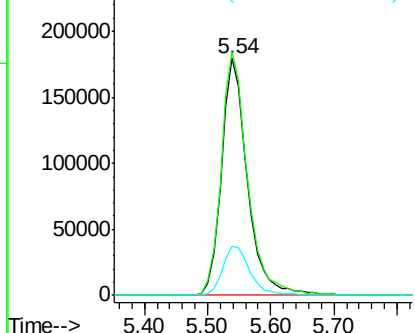
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD059416.D
 Acq: 26 Jun 2018 10:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

Tot Ion:113 Resp: 512283
 Ion Ratio Lower Upper
 113 100
 111 102.7 85.7 128.5
 192 20.8 16.9 25.3

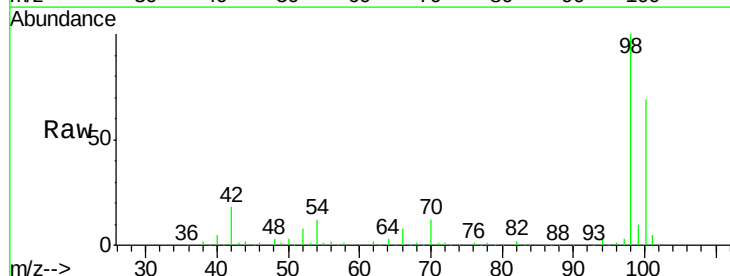


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

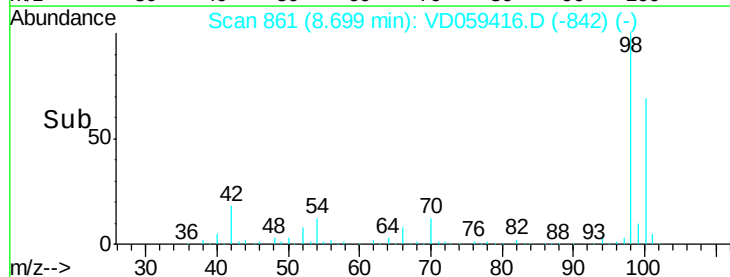
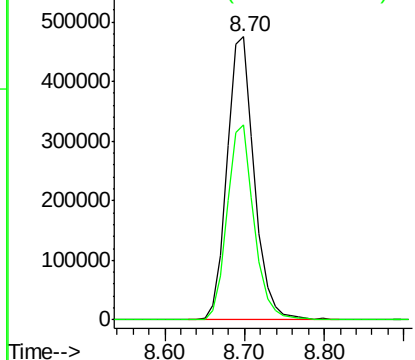


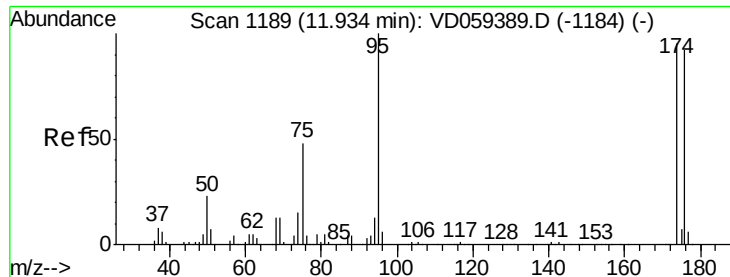
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VD059416.D
 Acq: 26 Jun 2018 10:50

Tgt Ion: 98 Resp: 1137645
 Ion Ratio Lower Upper
 98 100
 100 69.0 54.4 81.6



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





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBL01

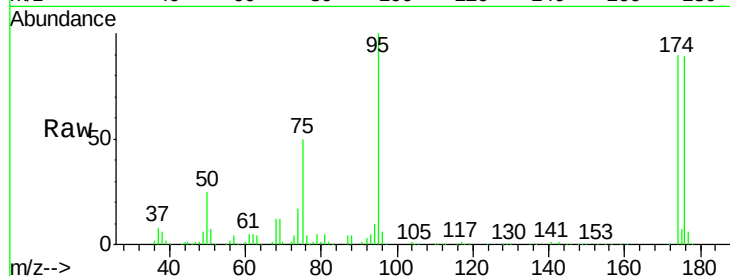
Tot Ion: 95 Resp: 496127

Ion Ratio Lower Upper

95 100

174 90.1 0.0 190.4

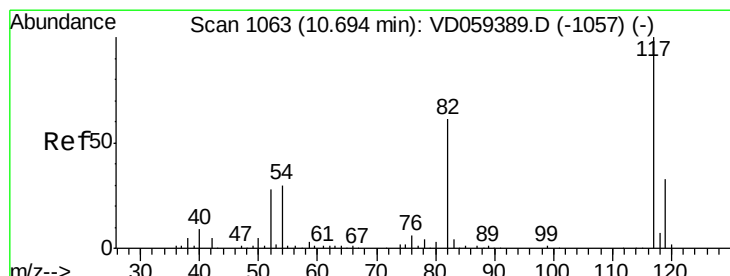
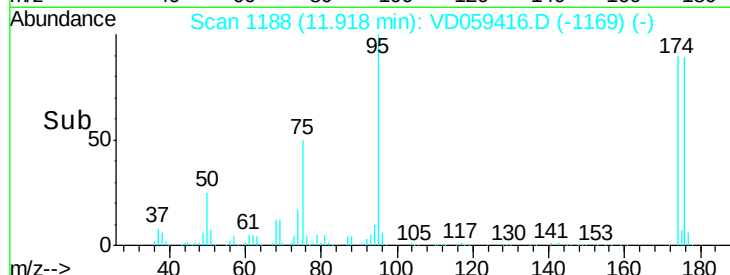
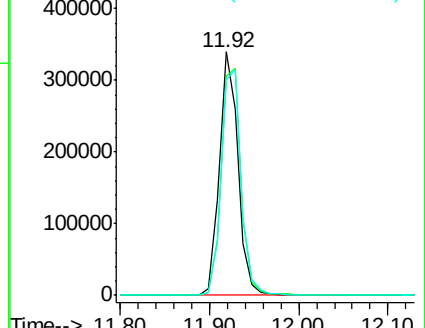
176 88.5 0.0 183.2



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# 1062

Delta R.T. -0.02 min

Lab File: VD059416.D

Acq: 26 Jun 2018 10:50

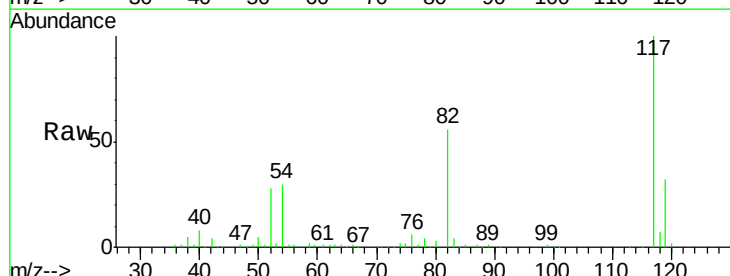
Tgt Ion: 117 Resp: 1049460

Ion Ratio Lower Upper

117 100

82 56.4 49.0 73.6

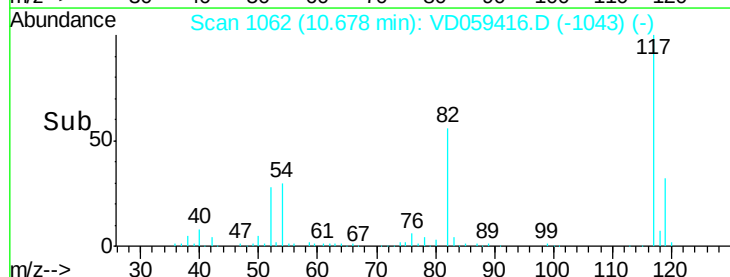
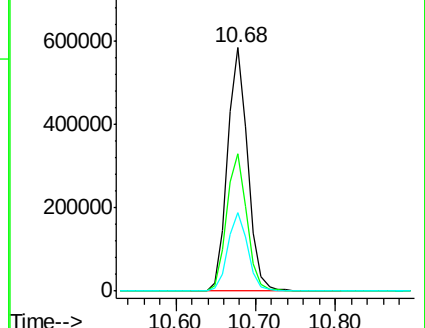
119 32.4 26.2 39.4

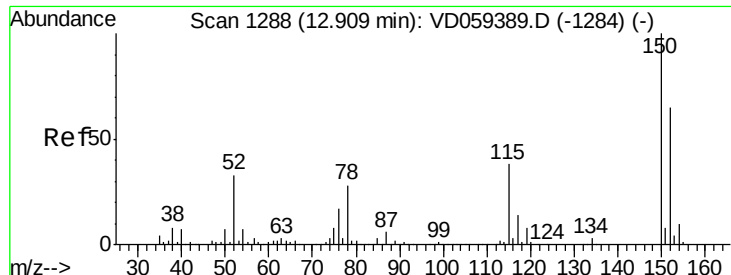


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD059416.D

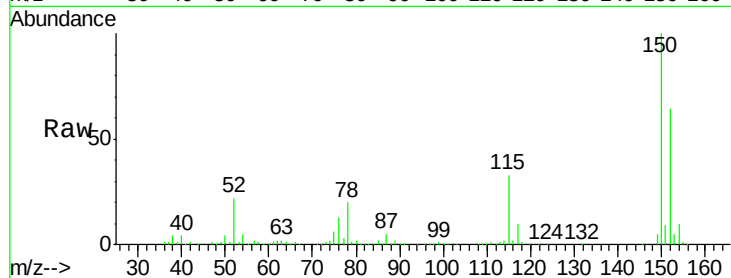
Acq: 26 Jun 2018 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBL01



Tot Ion:152 Resp: 545654

Ion Ratio Lower Upper

152 100

115 50.5 29.4 88.3

150 155.2 0.0 308.2

