

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059468.D
 Acq On : 28 Jun 2018 17:49
 Operator : VA/AP
 Sample : J3629-10RE
 Misc : 5.14g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C20-01RE

Quant Time: Jun 29 01:57:52 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	376139	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	515797	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	325594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	94754	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	264343	68.72	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	137.44%	
35) Dibromofluoromethane	5.54	113	284680	67.76	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	135.52%	
50) Toluene-d8	8.71	98	467995	47.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.93	95	152429	37.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.62%	

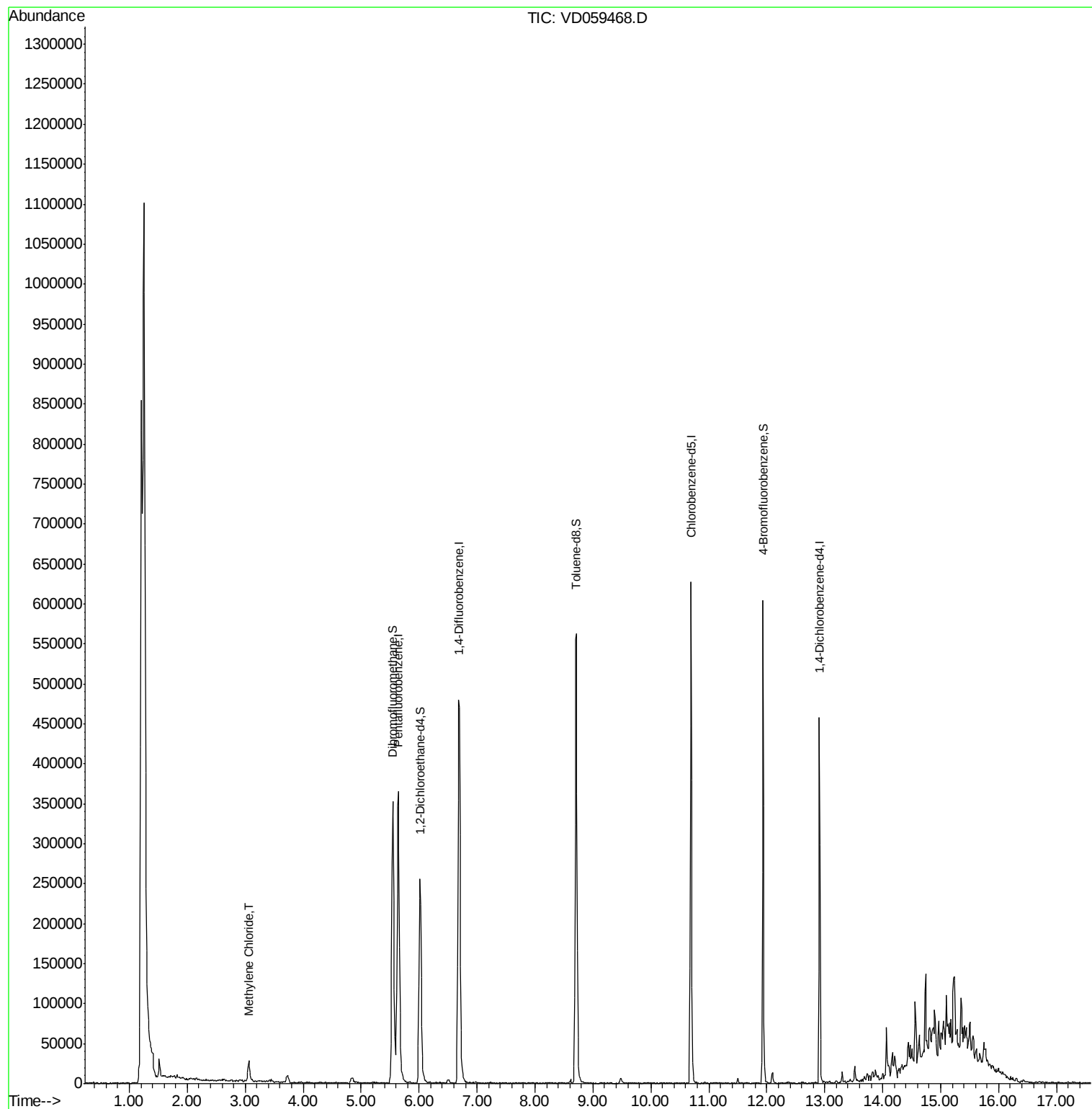
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	10749	5.78	ug/l	# 85

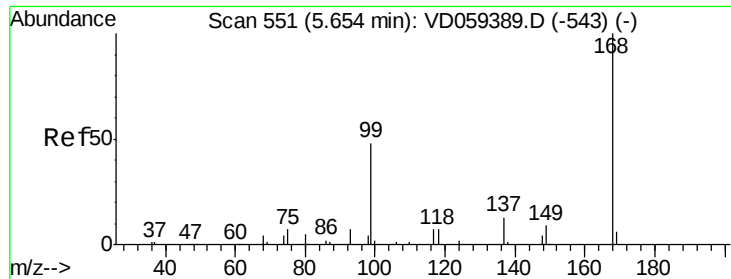
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

Instrument :

MSVOA_D

ClientSampleId :

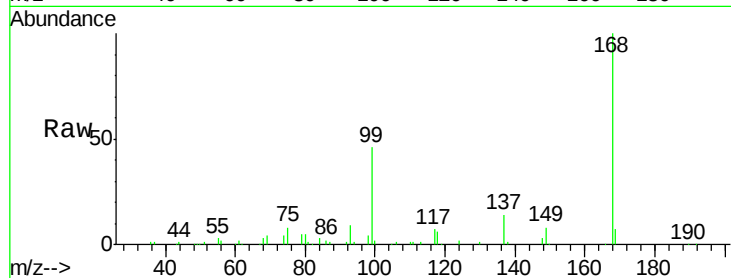
A0C20-01RE

Tot Ion:168 Resp: 376139

Ion Ratio Lower Upper

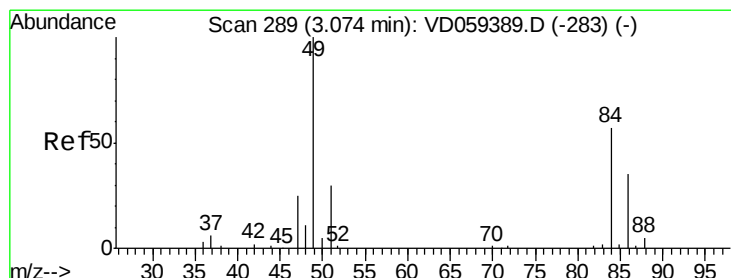
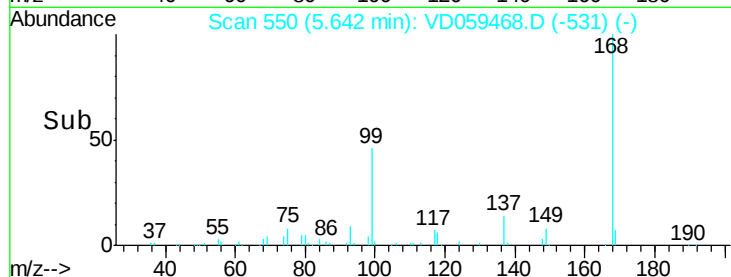
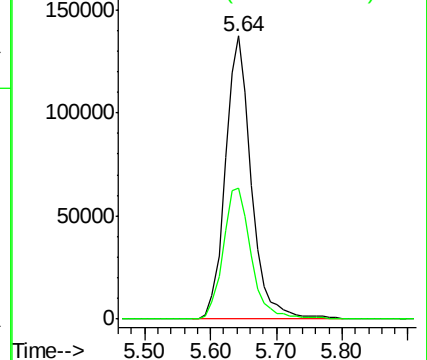
168 100

99 46.2 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: 5.78 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

Tgt Ion: 84 Resp: 10749

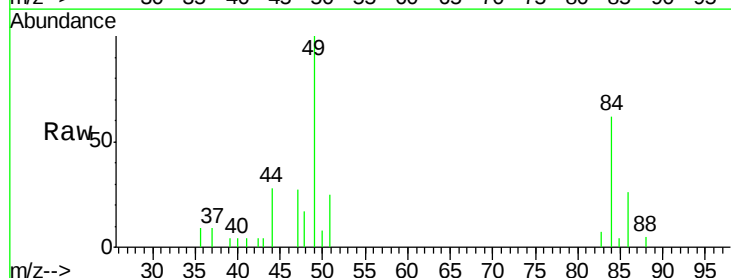
Ion Ratio Lower Upper

84 100

49 161.3 140.3 210.5

51 39.9 41.6 62.4#

86 41.7 49.4 74.2#

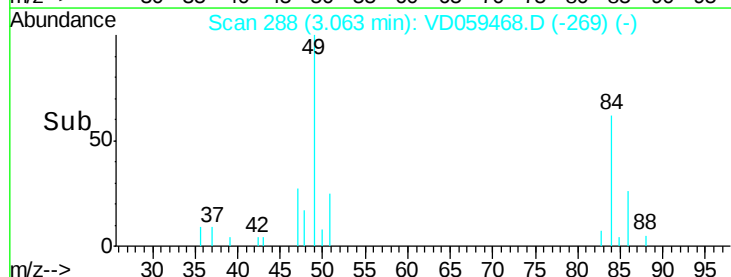
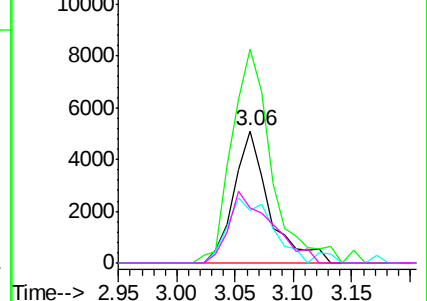


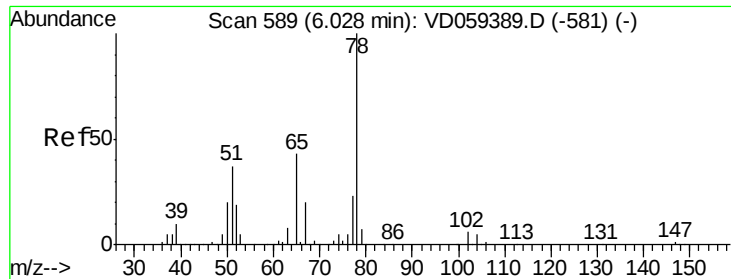
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

Instrument :

MSVOA_D

ClientSampleId :

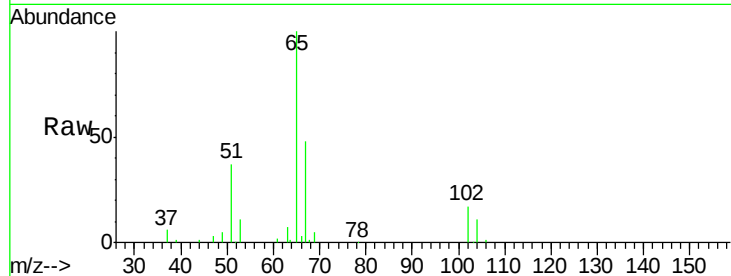
A0C20-01RE

Tot Ion: 65 Resp: 264343

Ion Ratio Lower Upper

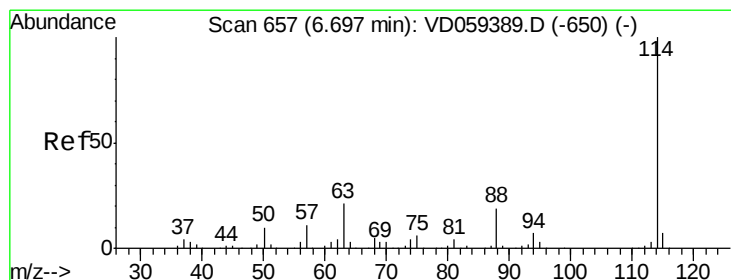
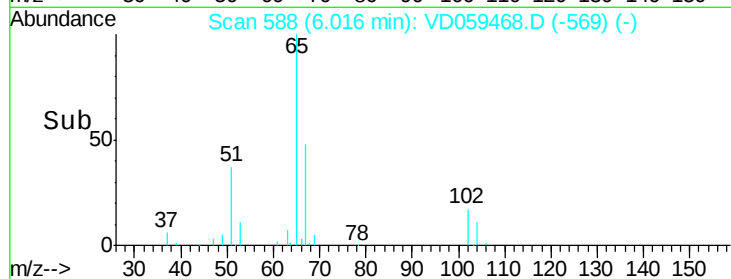
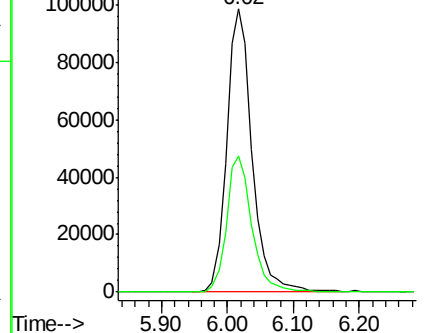
65 100

67 48.1 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: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

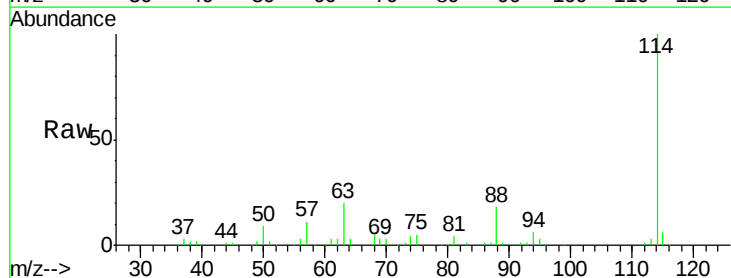
Tgt Ion: 114 Resp: 515797

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

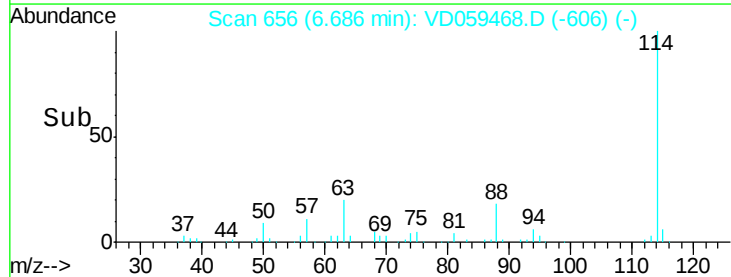
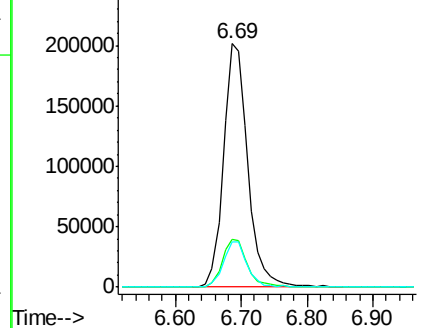
88 18.4 0.0 38.0

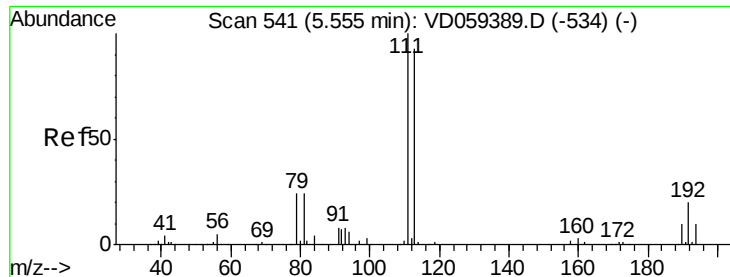


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

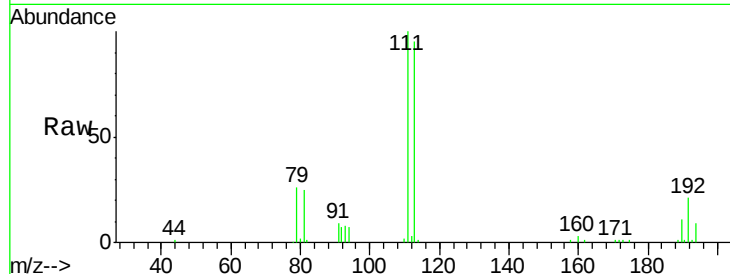




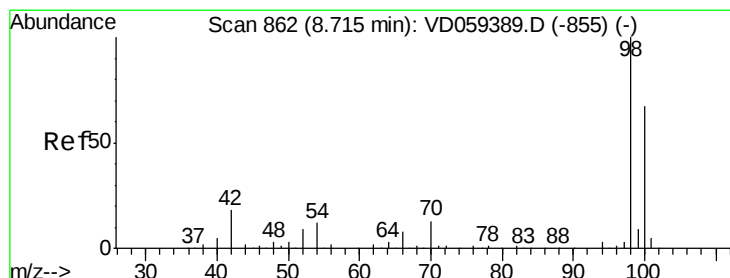
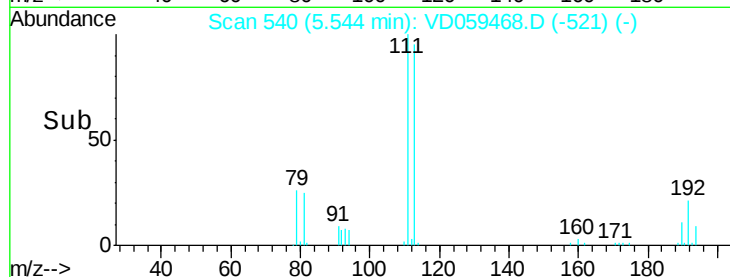
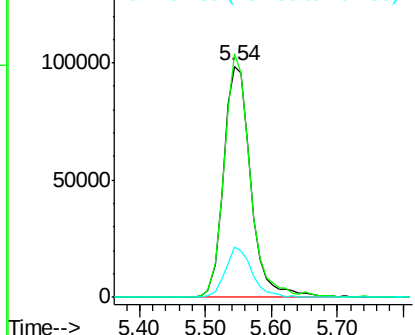
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD059468.D
Acq: 28 Jun 2018 17:49

Instrument :
MSVOA_D
ClientSampleId :
A0C20-01RE

Tot Ion:113 Resp: 284680
Ion Ratio Lower Upper
113 100
111 105.3 85.7 128.5
192 21.8 16.9 25.3

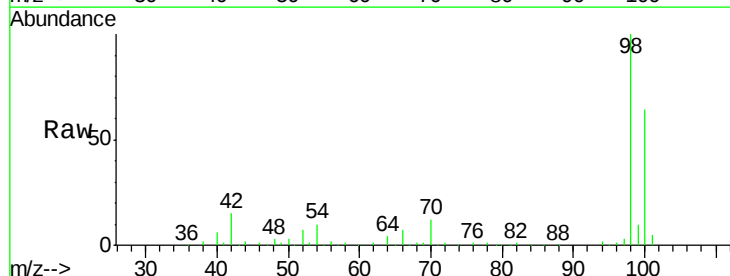


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

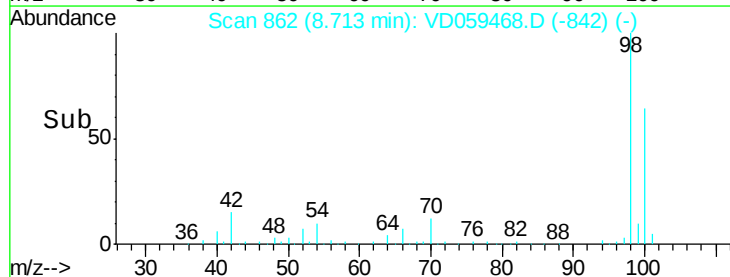
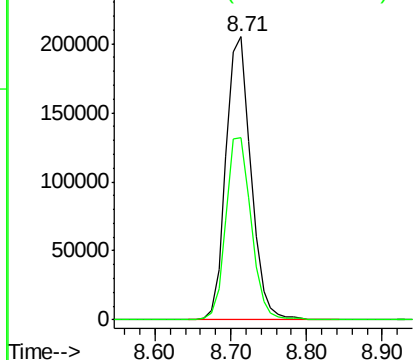


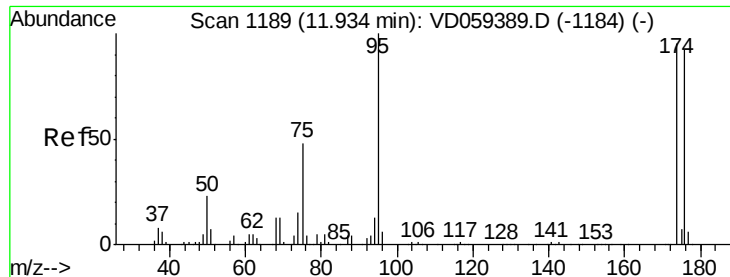
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD059468.D
Acq: 28 Jun 2018 17:49

Tgt Ion: 98 Resp: 467995
Ion Ratio Lower Upper
98 100
100 64.2 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: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

Instrument :

MSVOA_D

ClientSampleId :

A0C20-01RE

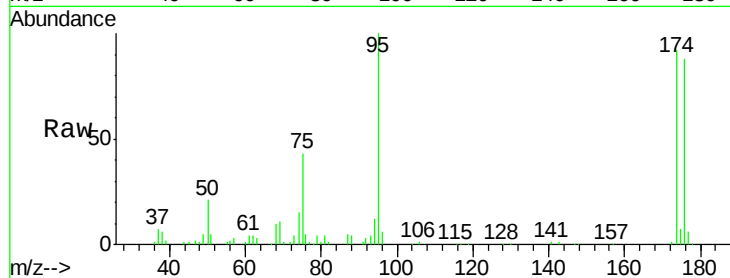
Tot Ion: 95 Resp: 152429

Ion Ratio Lower Upper

95 100

174 91.9 0.0 190.4

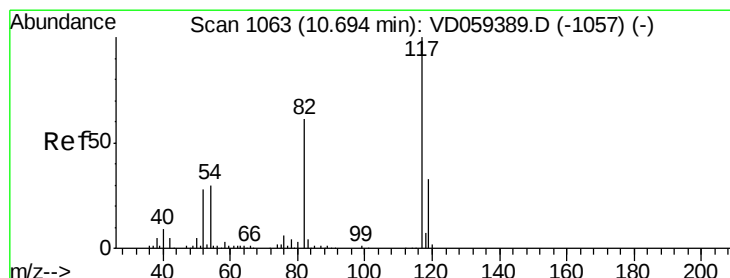
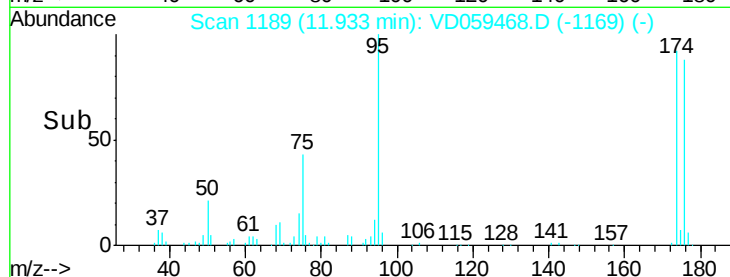
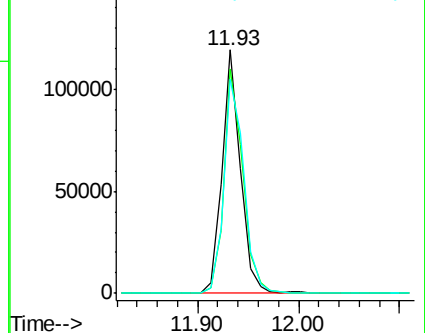
176 87.8 0.0 183.2



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: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

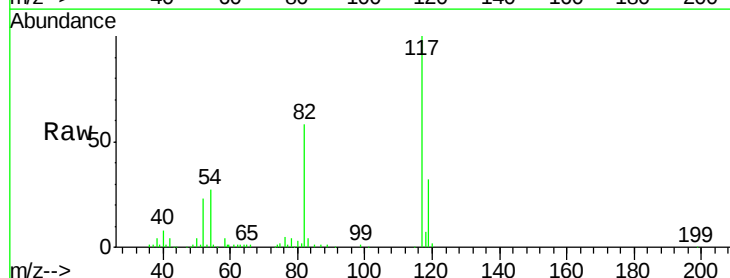
Tgt Ion: 117 Resp: 325594

Ion Ratio Lower Upper

117 100

82 58.3 49.0 73.6

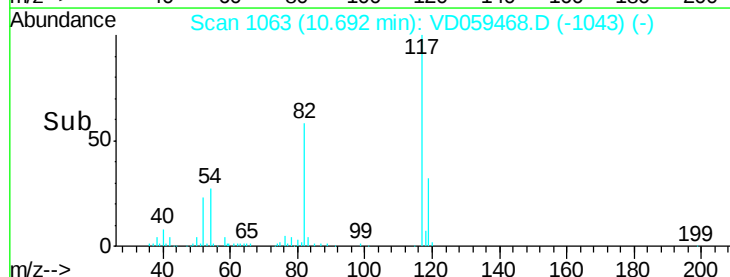
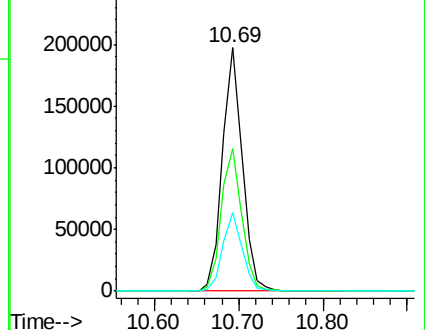
119 32.1 26.2 39.4

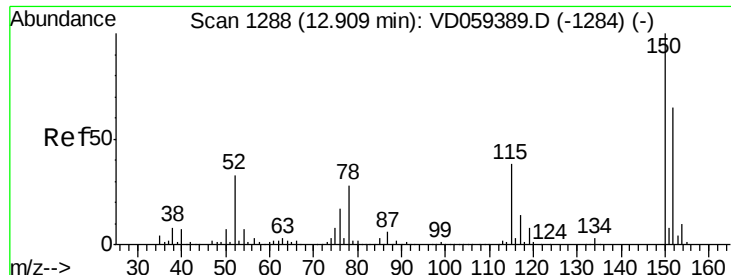


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059468.D

Acq: 28 Jun 2018 17:49

Instrument :

MSVOA_D

ClientSampleId :

A0C20-01RE

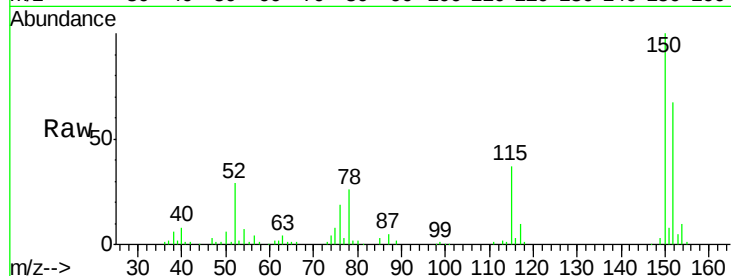
Tot Ion:152 Resp: 94754

Ion Ratio Lower Upper

152 100

115 54.7 29.4 88.3

150 149.1 0.0 308.2



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

