

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059434.D
 Acq On : 26 Jun 2018 20:10
 Operator : VA/AP
 Sample : J3642-01RE
 Misc : 6.32g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1RE

Quant Time: Jun 27 07:20:55 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	5.63	168	67885	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	102587	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	101832	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	61498	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	52668	75.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	151.74%	
35) Dibromofluoromethane	5.53	113	42421	50.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	8.69	98	75041	38.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.84%	
62) 4-Bromofluorobenzene	11.92	95	43025	52.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.90%	

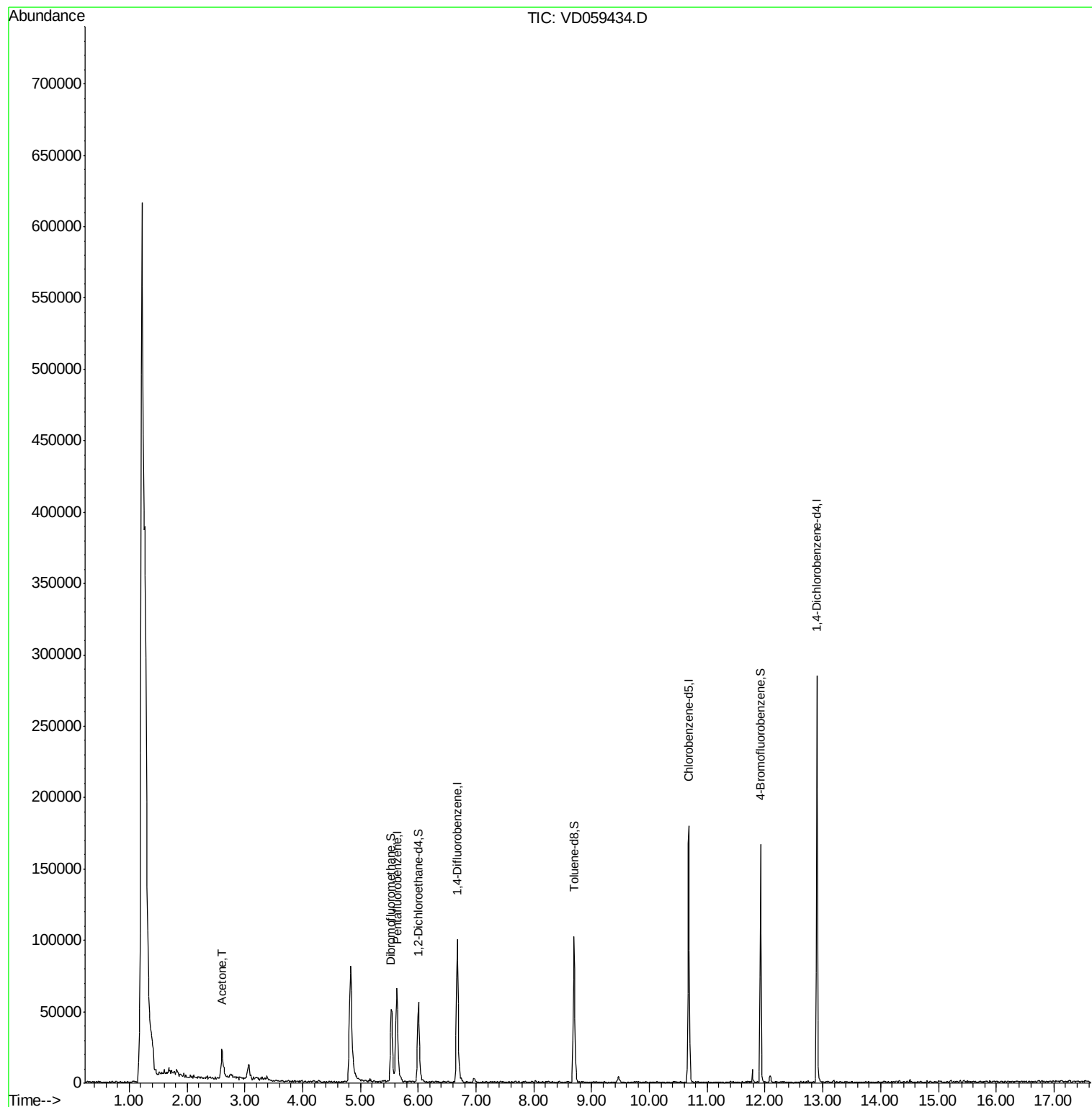
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	41409	472.61	ug/l	99

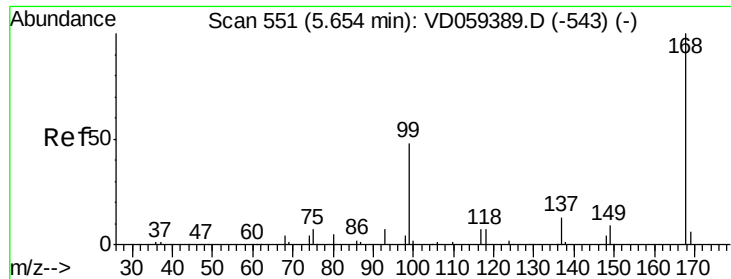
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 25 07:29:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

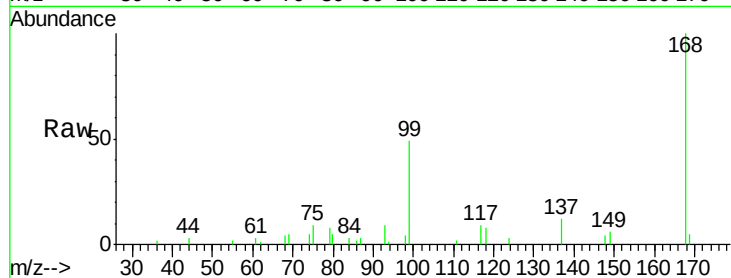
TEST-PIT-1RE

Tot Ion:168 Resp: 67885

Ion Ratio Lower Upper

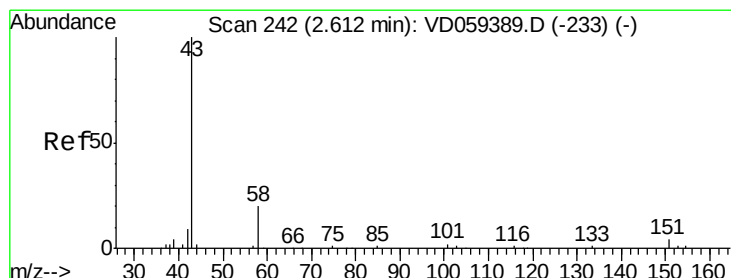
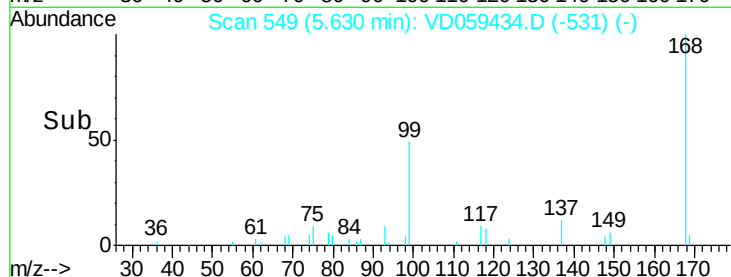
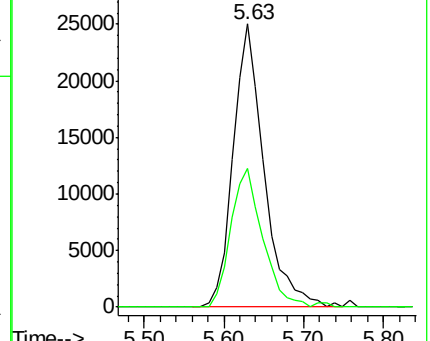
168 100

99 49.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 472.61 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059434.D

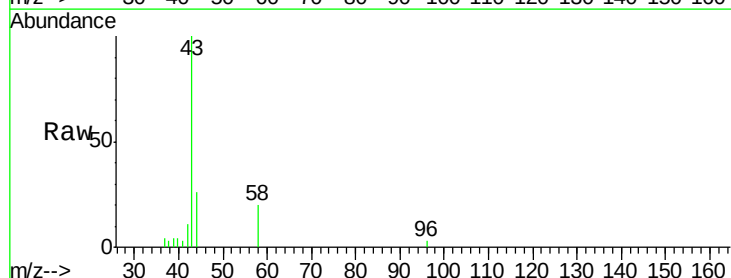
Acq: 26 Jun 2018 20:10

Tgt Ion: 43 Resp: 41409

Ion Ratio Lower Upper

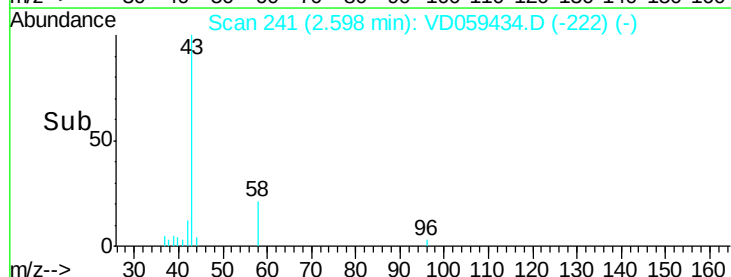
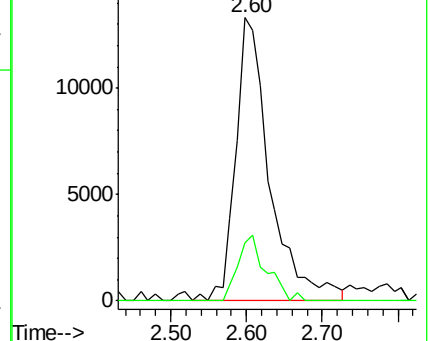
43 100

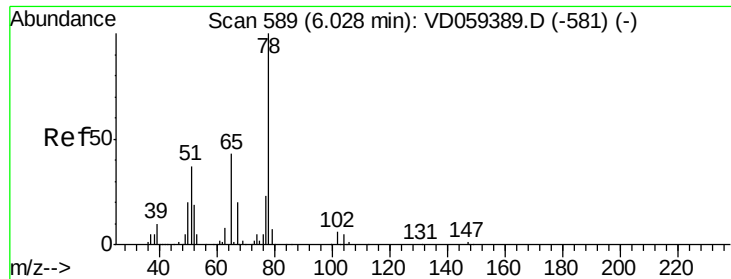
58 20.4 16.8 25.2



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: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

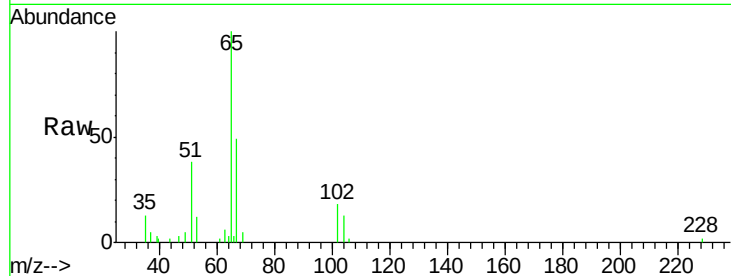
TEST-PIT-1RE

Tot Ion: 65 Resp: 52668

Ion Ratio Lower Upper

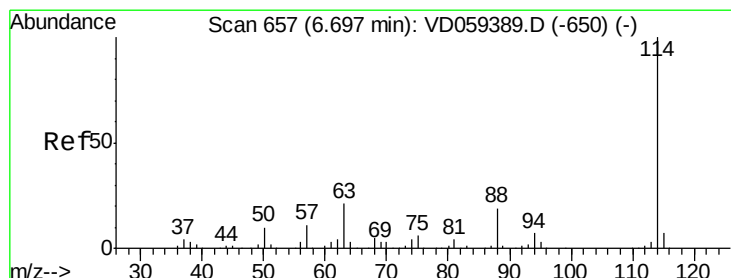
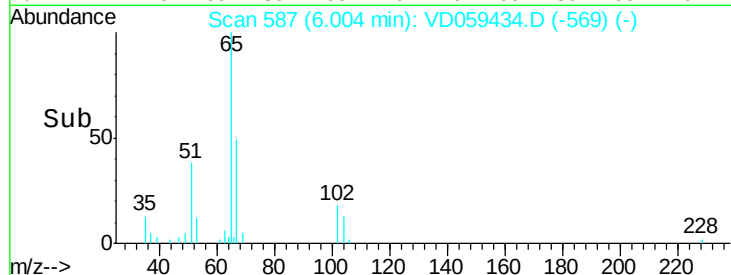
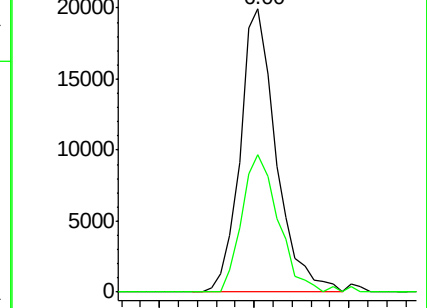
65 100

67 48.7 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: 6.67 min Scan# 655

Delta R.T. -0.02 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

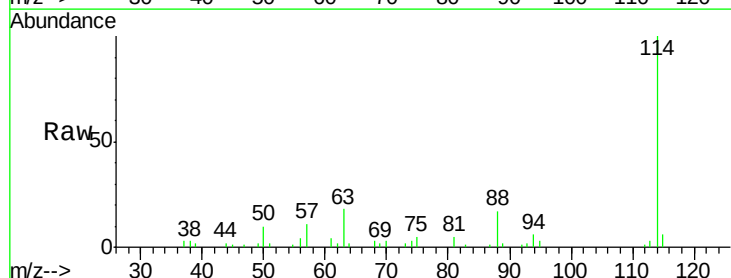
Tgt Ion: 114 Resp: 102587

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

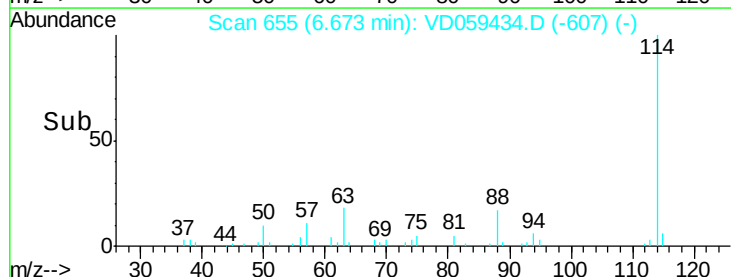
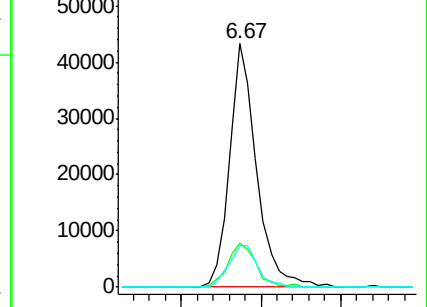
88 16.9 0.0 38.0

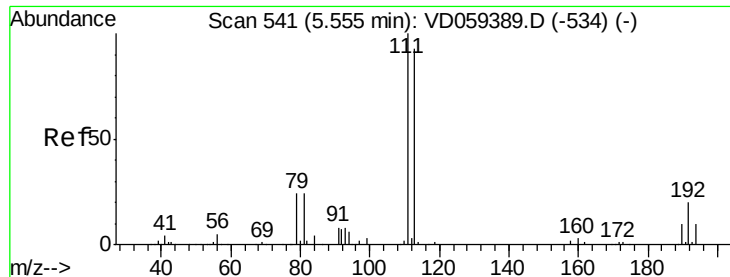


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.53 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-1RE

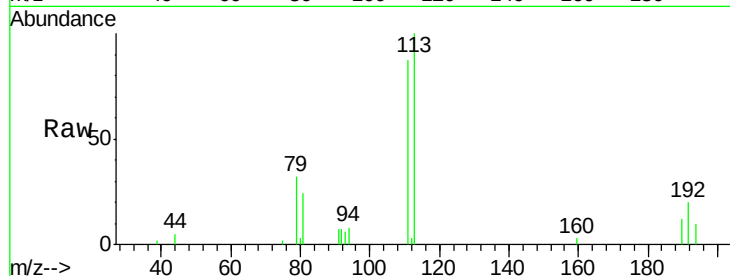
Tot Ion:113 Resp: 42421

Ion Ratio Lower Upper

113 100

111 87.0 85.7 128.5

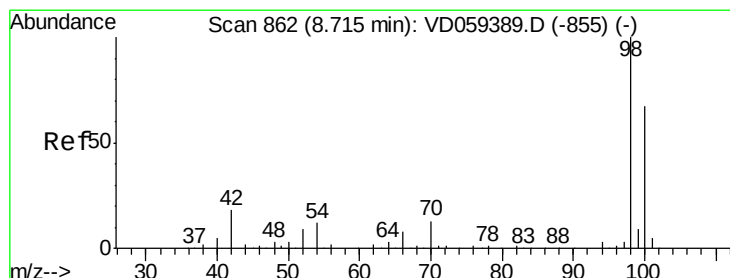
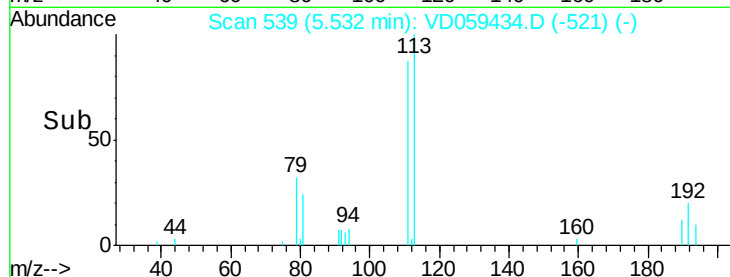
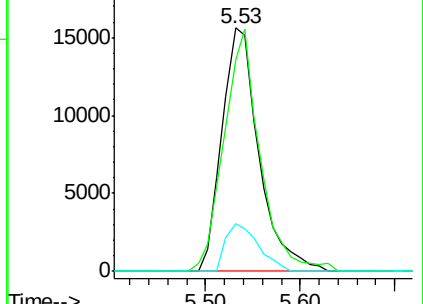
192 19.8 16.9 25.3



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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD059434.D

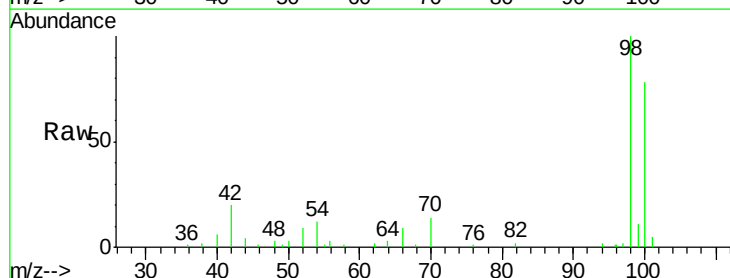
Acq: 26 Jun 2018 20:10

Tgt Ion: 98 Resp: 75041

Ion Ratio Lower Upper

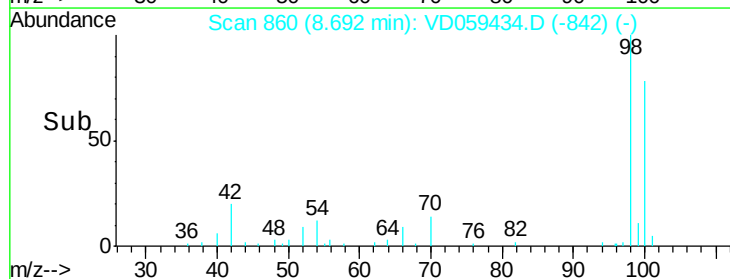
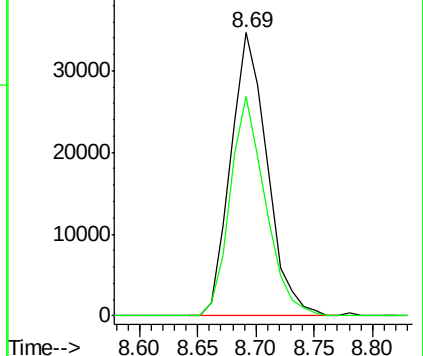
98 100

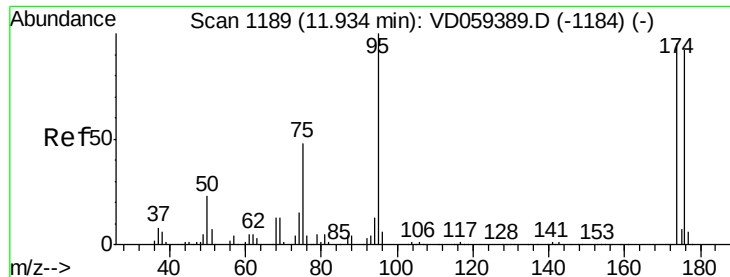
100 77.6 54.4 81.6



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# 1188

Delta R.T. -0.01 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-1RE

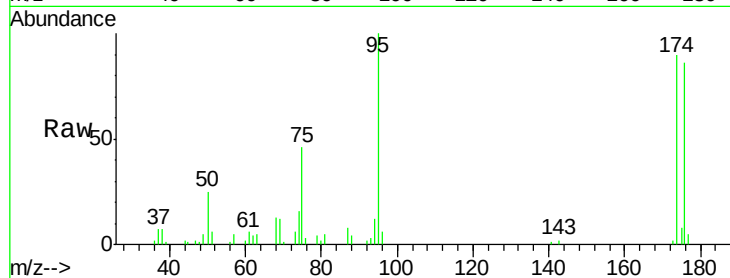
Tot Ion: 95 Resp: 43025

Ion Ratio Lower Upper

95 100

174 90.1 0.0 190.4

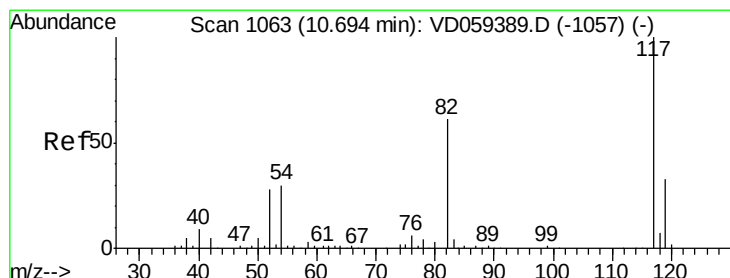
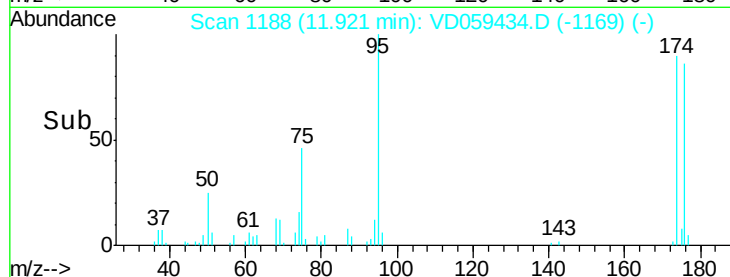
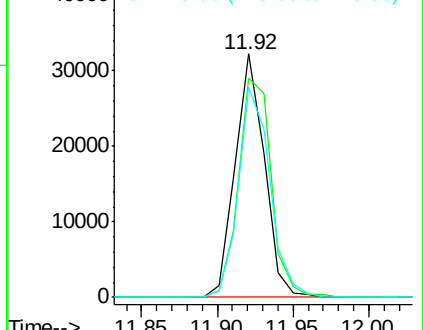
176 86.4 0.0 183.2



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. -0.01 min

Lab File: VD059434.D

Acq: 26 Jun 2018 20:10

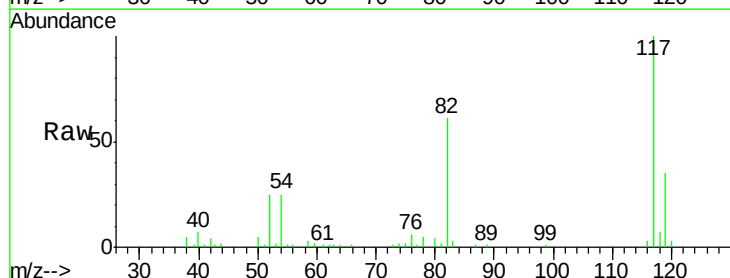
Tgt Ion: 117 Resp: 101832

Ion Ratio Lower Upper

117 100

82 61.0 49.0 73.6

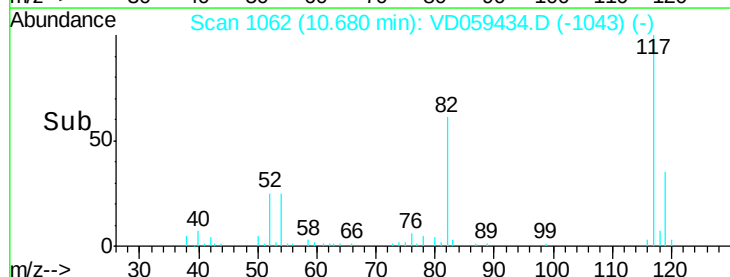
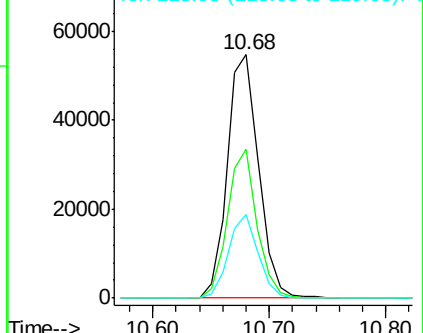
119 34.6 26.2 39.4

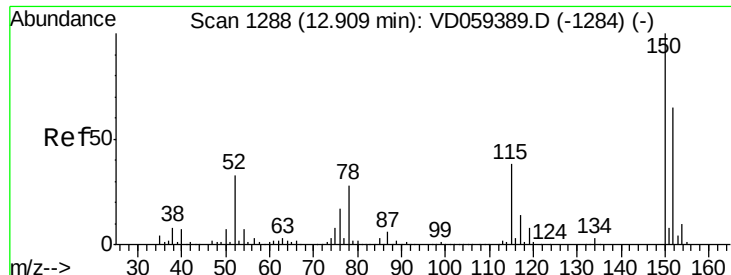


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1287

Delta R.T. -0.01 min

Lab File: VD059434.D

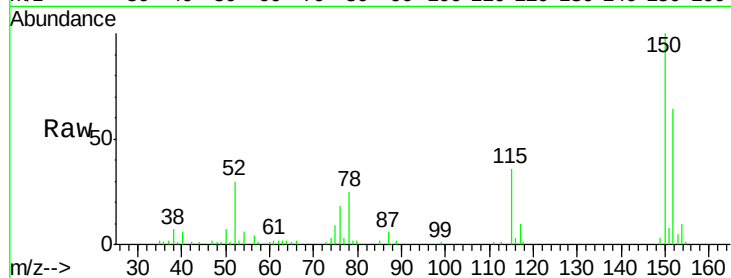
Acq: 26 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-1RE



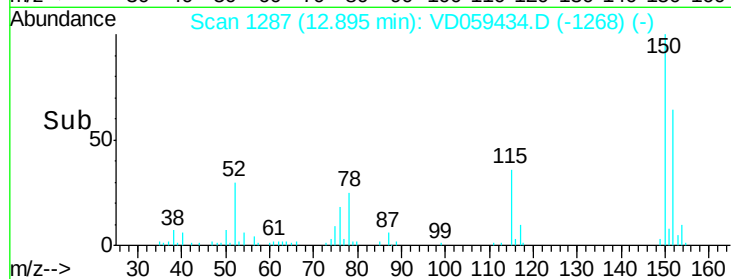
Tot Ion:152 Resp: 61498

Ion Ratio Lower Upper

152 100

115 56.0 29.4 88.3

150 157.0 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

