

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058170.D
 Acq On : 15 Jun 2018 23:43
 Operator : VA/AP
 Sample : J3518-03
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(65-67)

Quant Time: Jun 16 00:55:18 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

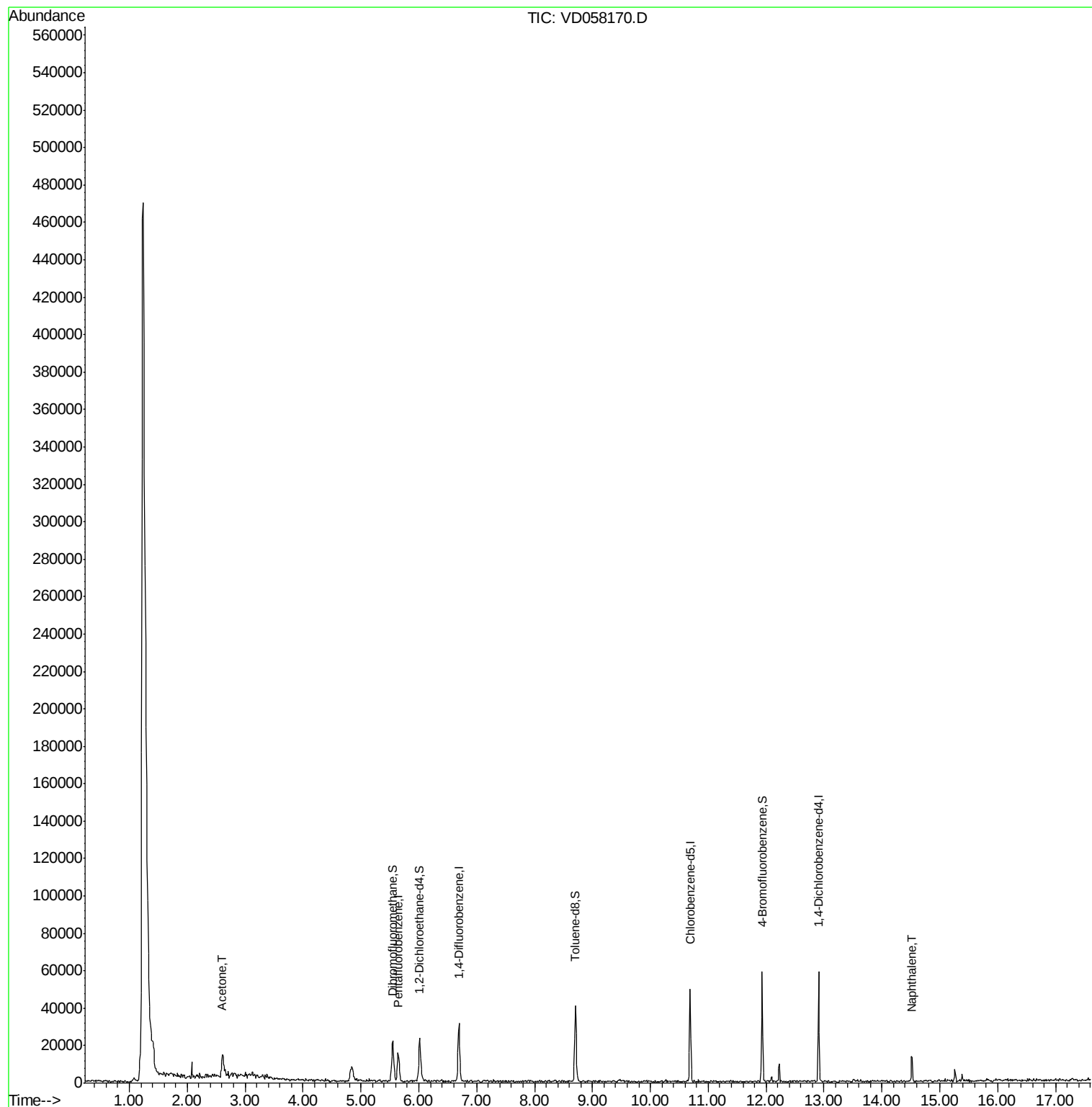
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	16588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	32458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	27249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	11479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	23967	144.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	289.04%	
35) Dibromofluoromethane	5.54	113	18137	72.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	144.44%	
50) Toluene-d8	8.71	98	33300	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	11.93	95	15808	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
Target Compounds						
16) Acetone	2.61	43	21599	903.993	ug/l #	88
95) Naphthalene	14.52	128	10346	27.917	ug/l #	90

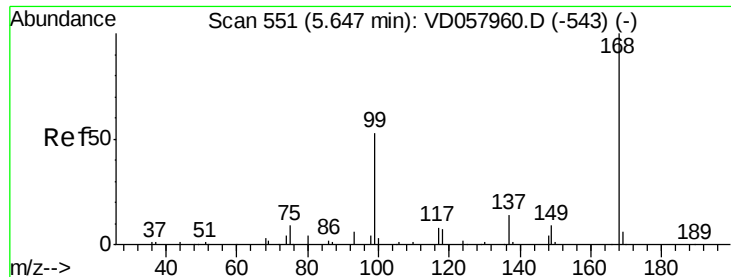
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

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ClientSampleId :

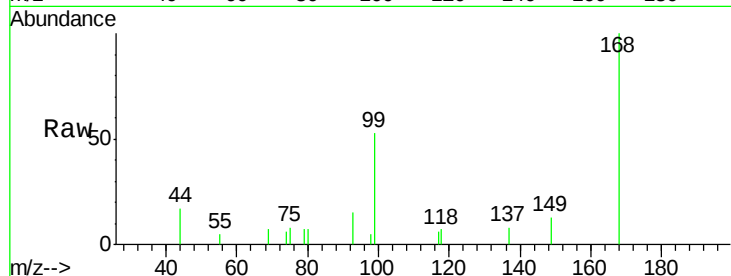
EPE-106-7(65-67)

Tot Ion:168 Resp: 16588

Ion Ratio Lower Upper

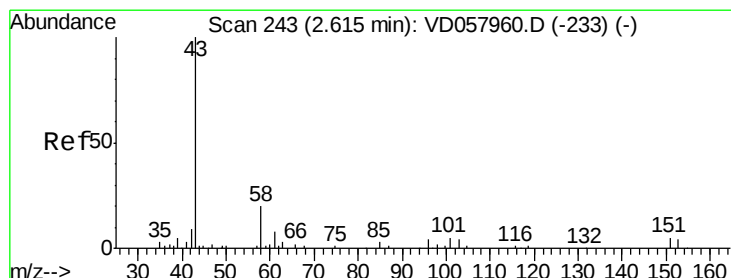
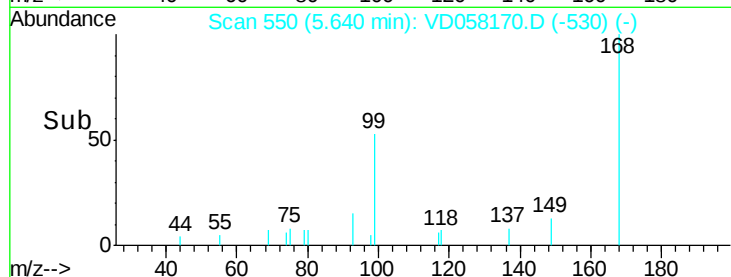
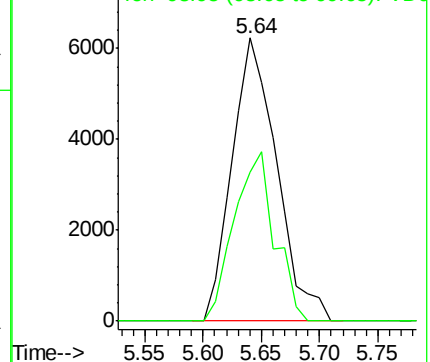
168 100

99 52.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 903.993 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058170.D

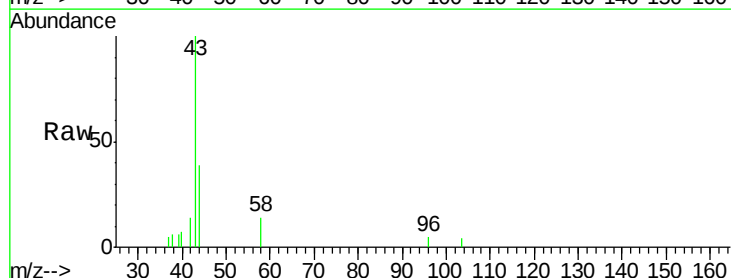
Acq: 15 Jun 2018 23:43

Tgt Ion: 43 Resp: 21599

Ion Ratio Lower Upper

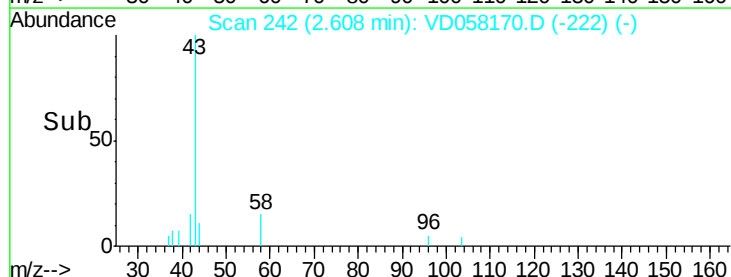
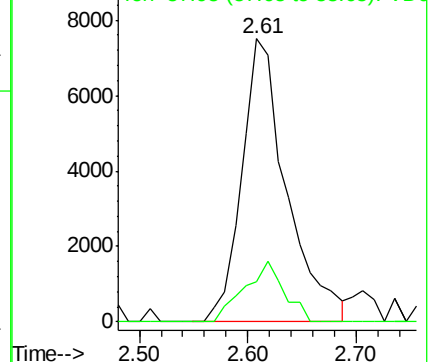
43 100

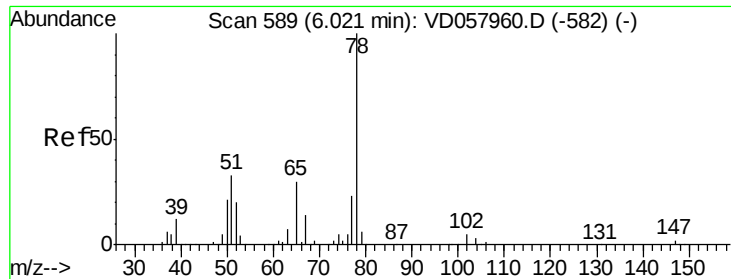
58 14.2 15.8 23.8#



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: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

Instrument :

MSVOA_D

ClientSampleId :

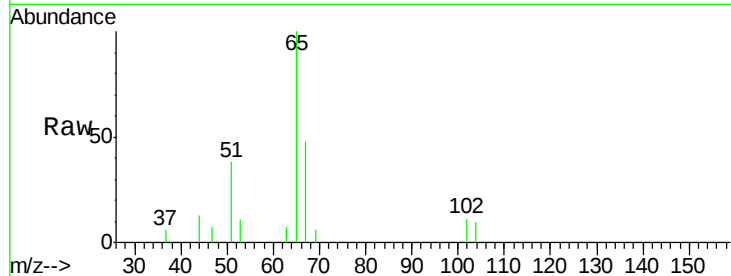
EPE-106-7(65-67)

Tot Ion: 65 Resp: 23967

Ion Ratio Lower Upper

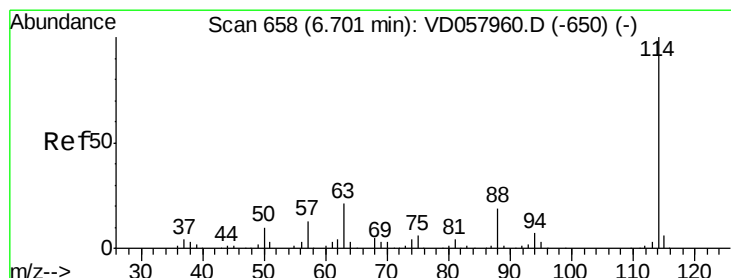
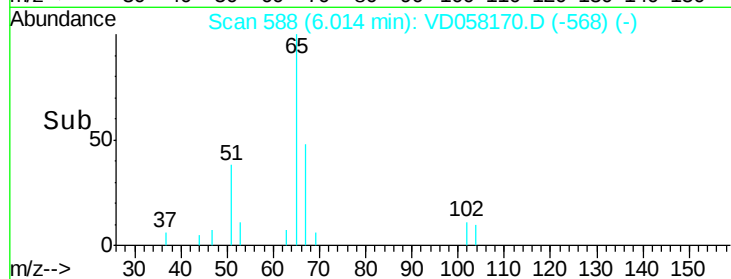
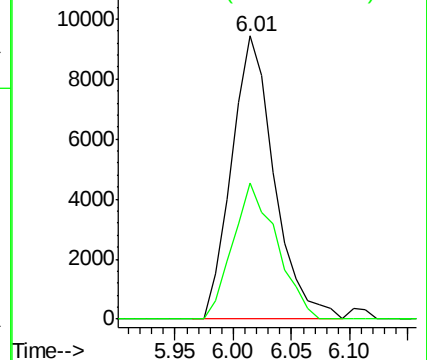
65 100

67 48.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

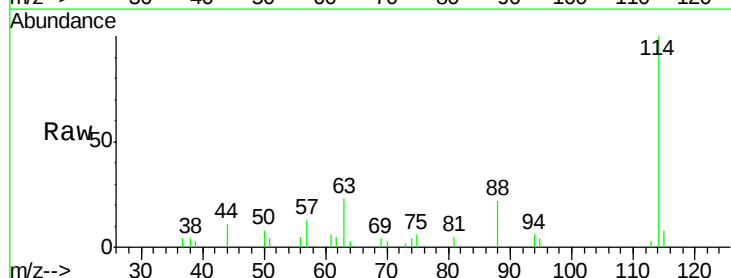
Tgt Ion: 114 Resp: 32458

Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.8

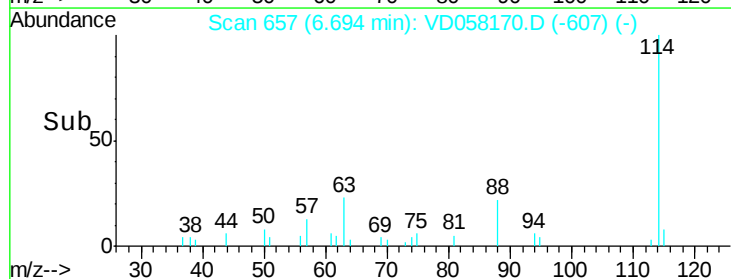
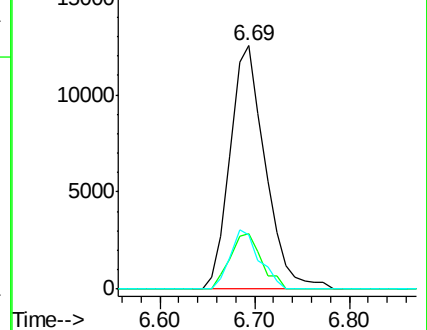
88 22.4 0.0 37.8

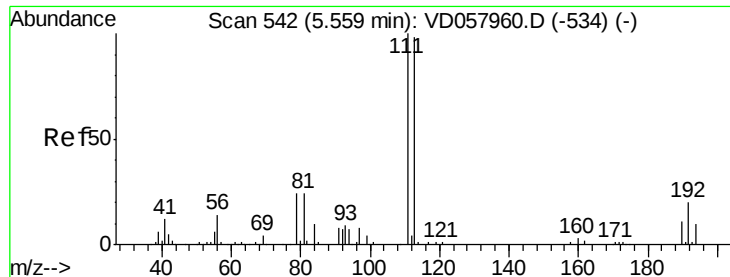


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(65-67)

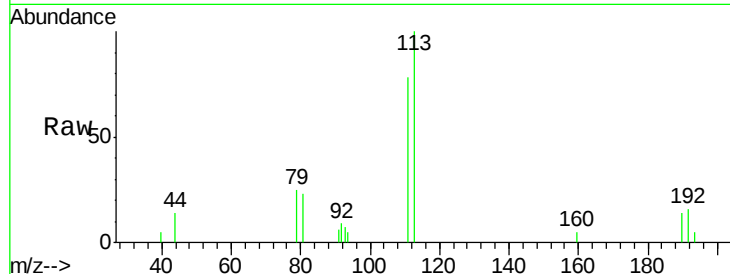
Tot Ion:113 Resp: 18137

Ion Ratio Lower Upper

113 100

111 77.6 81.5 122.3#

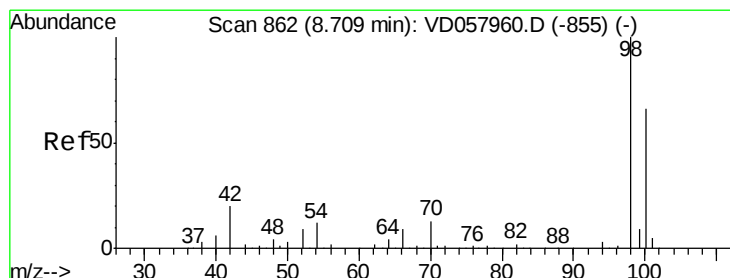
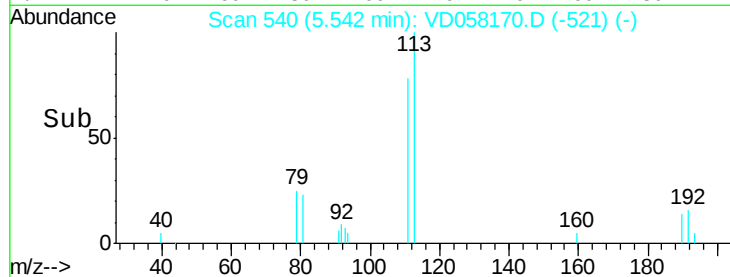
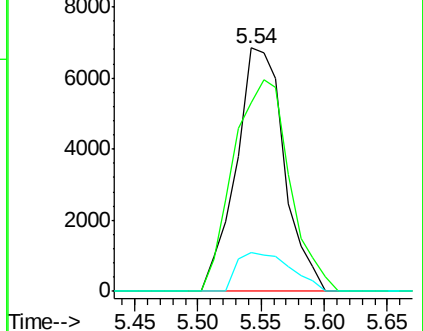
192 16.0 16.4 24.6#



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: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058170.D

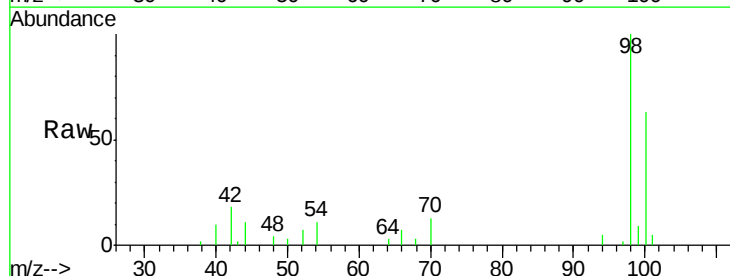
Acq: 15 Jun 2018 23:43

Tgt Ion: 98 Resp: 33300

Ion Ratio Lower Upper

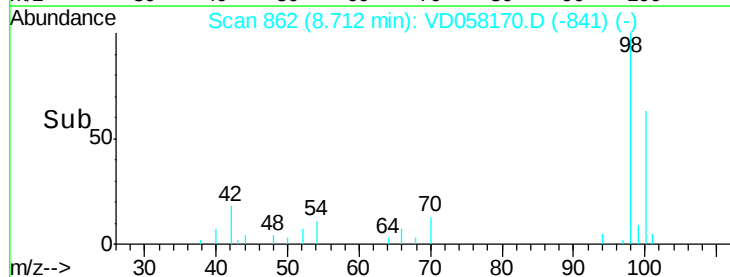
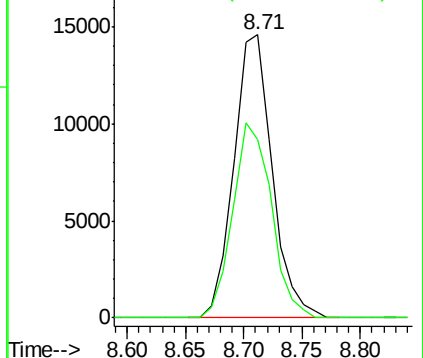
98 100

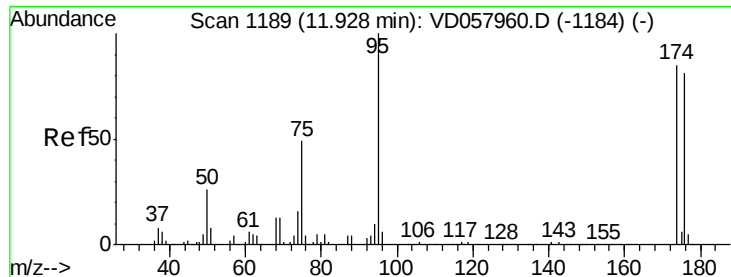
100 62.9 53.4 80.0



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: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(65-67)

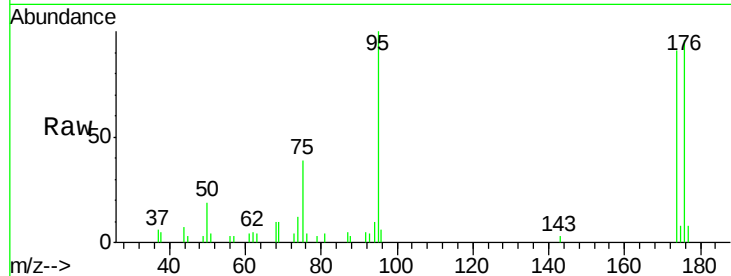
Tot Ion: 95 Resp: 15808

Ion Ratio Lower Upper

95 100

174 91.3 0.0 169.4

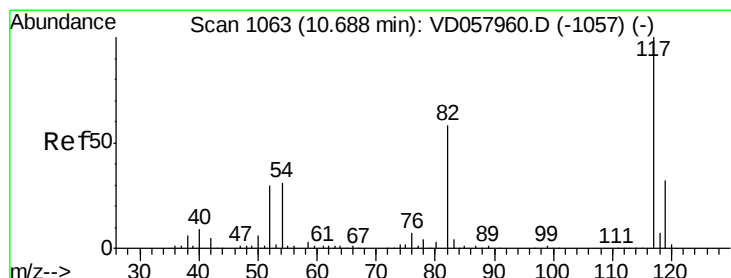
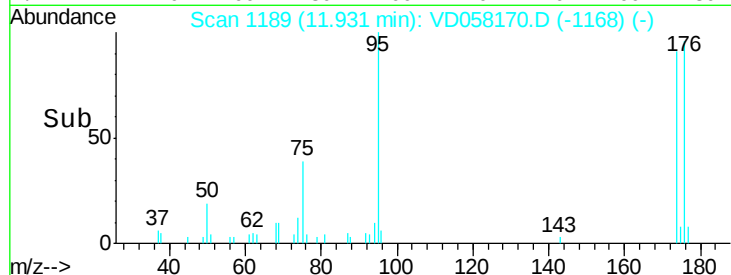
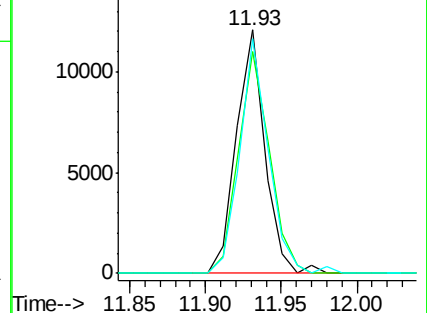
176 96.5 0.0 162.6



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: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

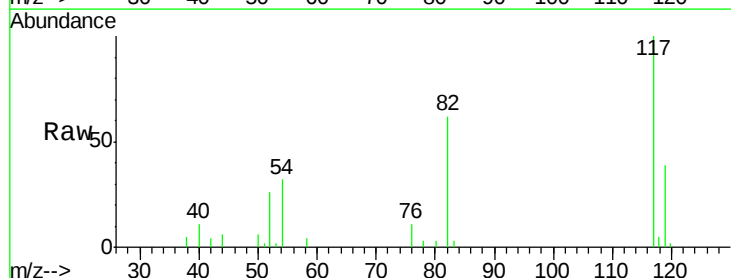
Tgt Ion: 117 Resp: 27249

Ion Ratio Lower Upper

117 100

82 61.5 46.8 70.2

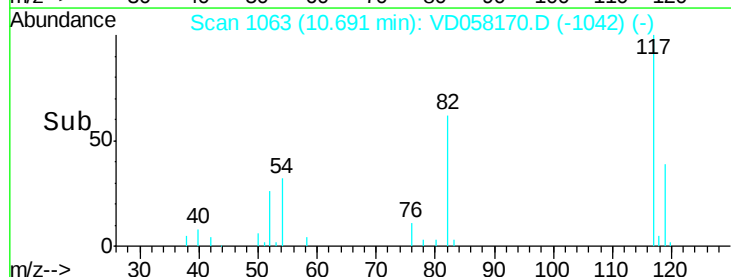
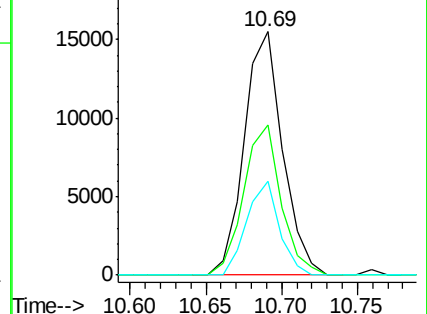
119 38.5 25.8 38.6

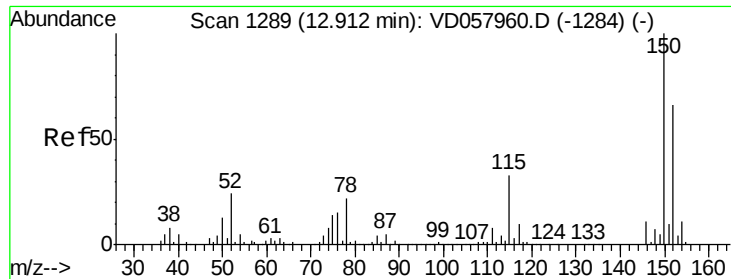


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1288

Delta R.T. -0.01 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

Instrument :

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ClientSampleId :

EPE-106-7(65-67)

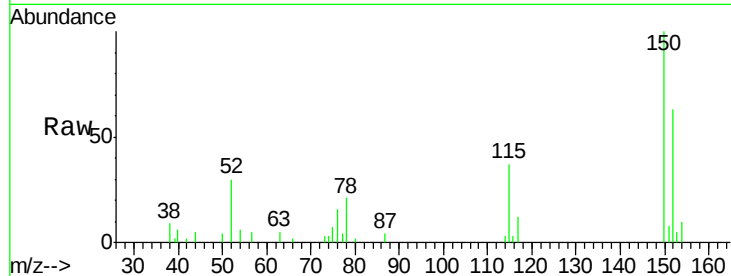
Tot Ion:152 Resp: 11479

Ion Ratio Lower Upper

152 100

115 58.3 25.6 76.6

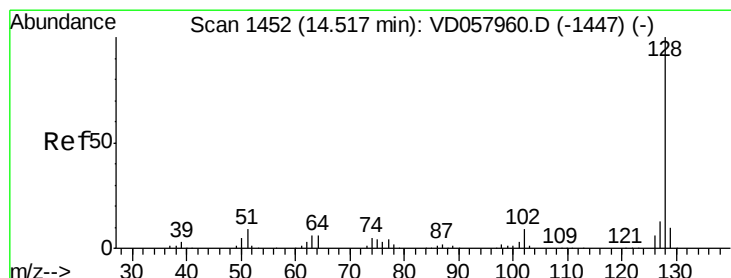
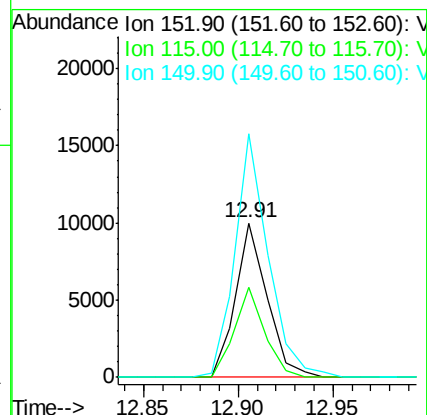
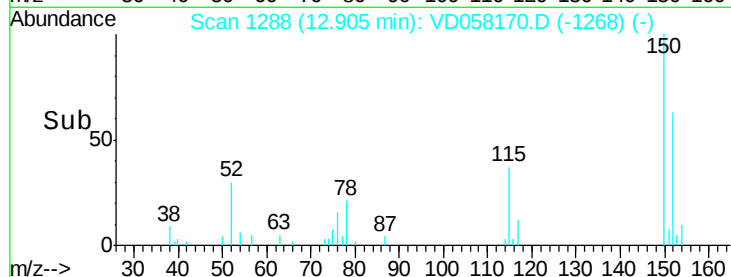
150 157.9 0.0 306.8



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



#95

Naphthalene

Concen: 27.917 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058170.D

Acq: 15 Jun 2018 23:43

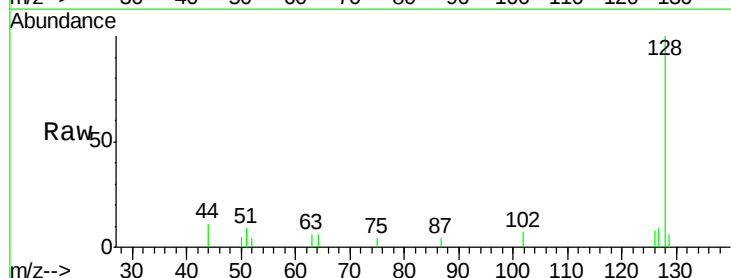
Tgt Ion:128 Resp: 10346

Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.2#

129 6.2 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

