

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058168.D
 Acq On : 15 Jun 2018 22:46
 Operator : VA/AP
 Sample : J3518-01
 Misc : 6.20g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(3-8)

Quant Time: Jun 16 00:44:59 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

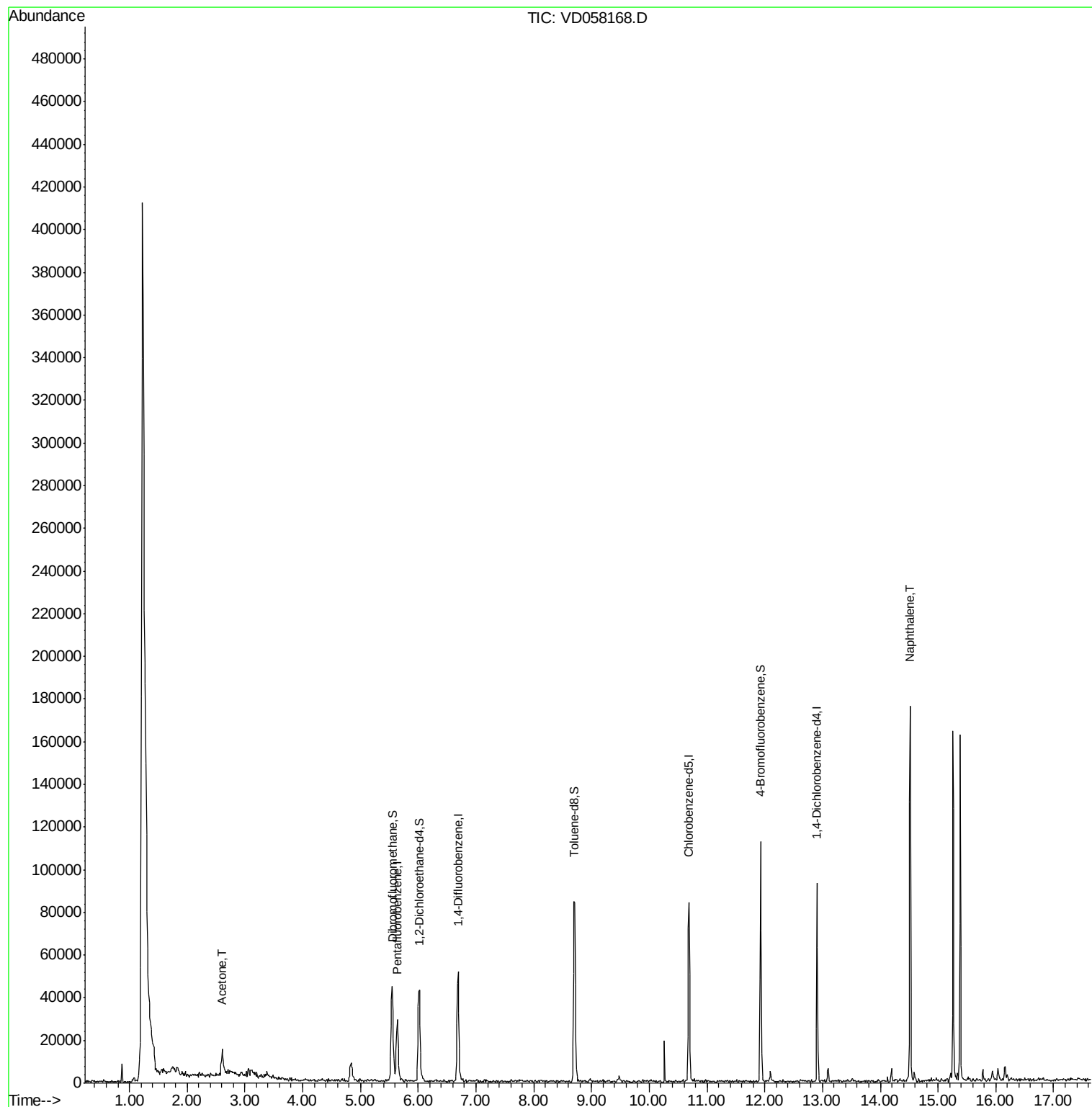
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	29552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	51550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	46544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	20191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	44097	149.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	298.52%	
35) Dibromofluoromethane	5.55	113	33672	84.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.84%	
50) Toluene-d8	8.70	98	68907	72.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.34%	
62) 4-Bromofluorobenzene	11.93	95	28328	68.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.96%	
Target Compounds						
16) Acetone	2.61	43	19476	457.550	ug/l #	78
95) Naphthalene	14.52	128	108626	166.641	ug/l	98

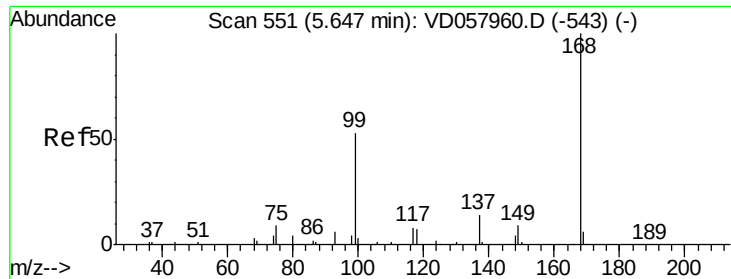
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058168.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA_D

ClientSampleId :

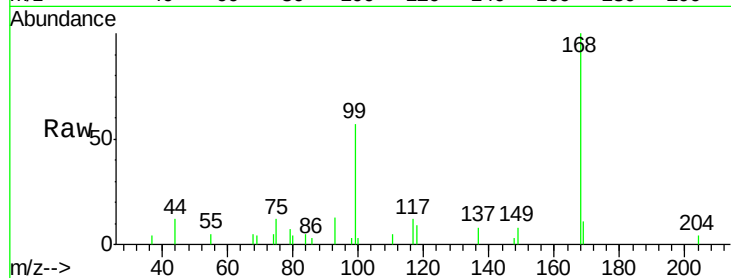
EPE-106-7(3-8)

Tot Ion:168 Resp: 29552

Ion Ratio Lower Upper

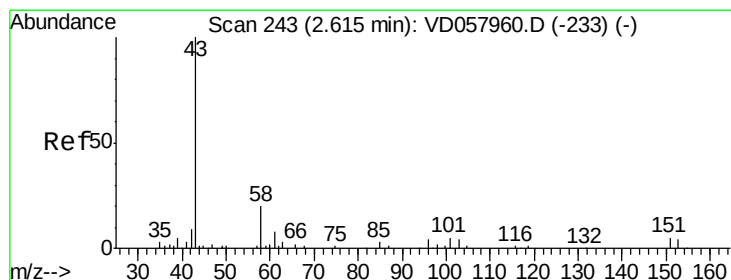
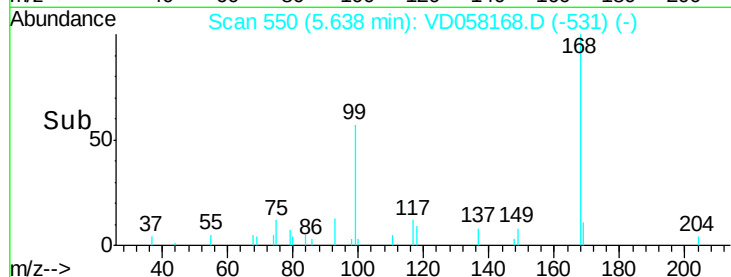
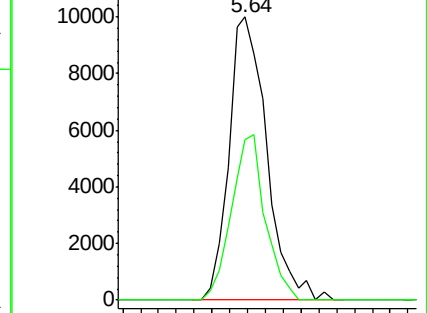
168 100

99 56.7 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: 457.550 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058168.D

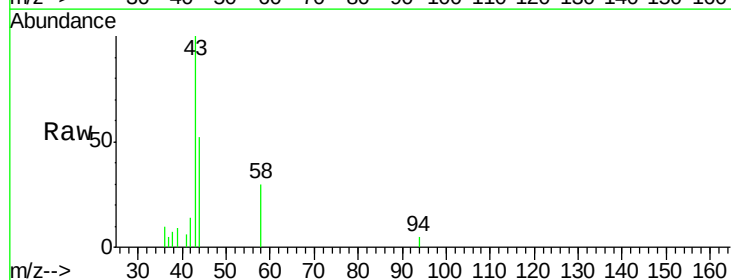
Acq: 15 Jun 2018 22:46

Tgt Ion: 43 Resp: 19476

Ion Ratio Lower Upper

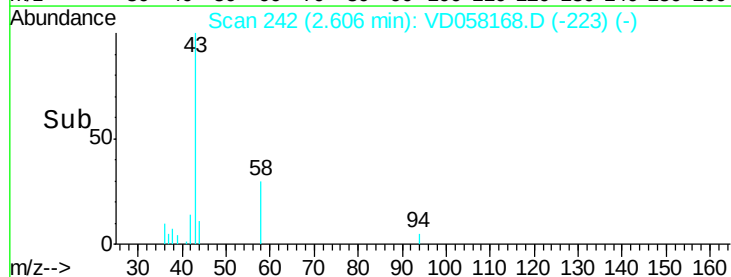
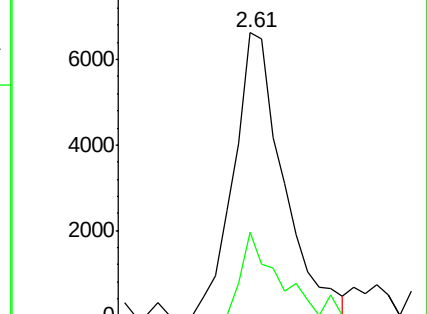
43 100

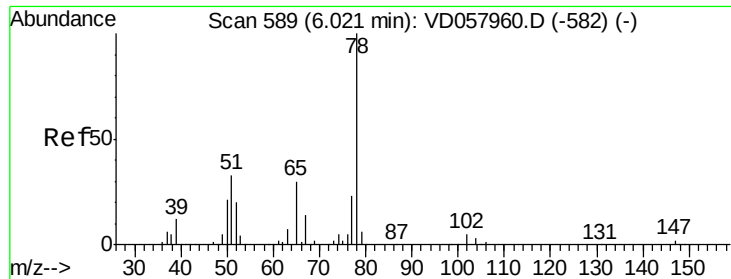
58 29.8 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

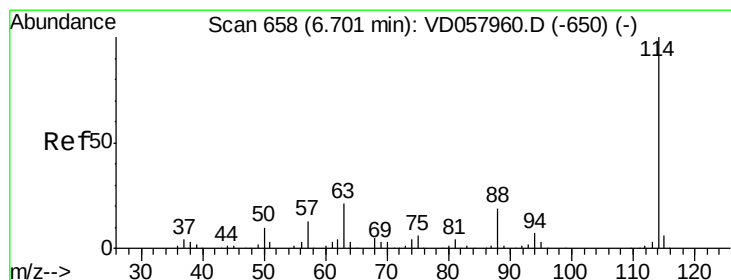
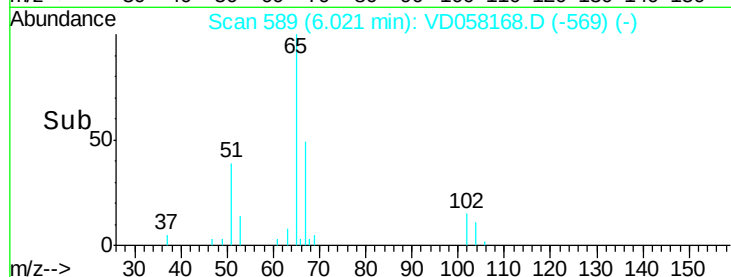
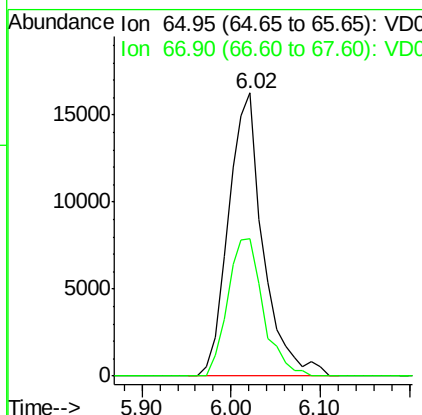
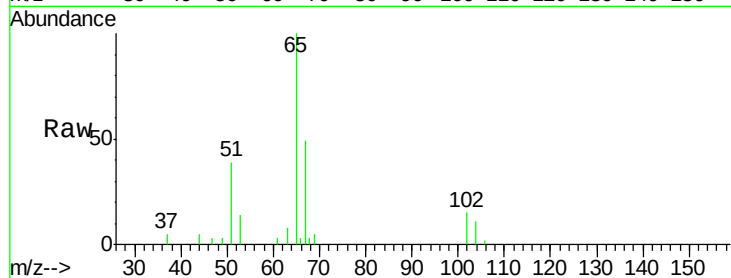




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VD058168.D
 Acq: 15 Jun 2018 22:46

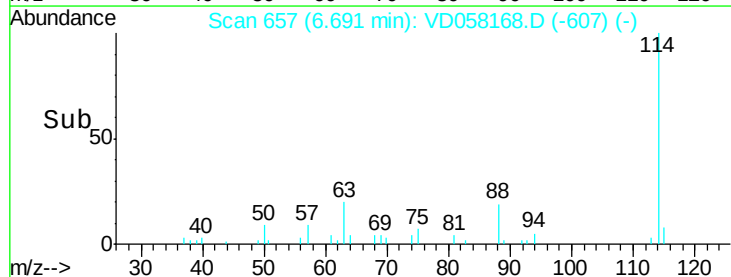
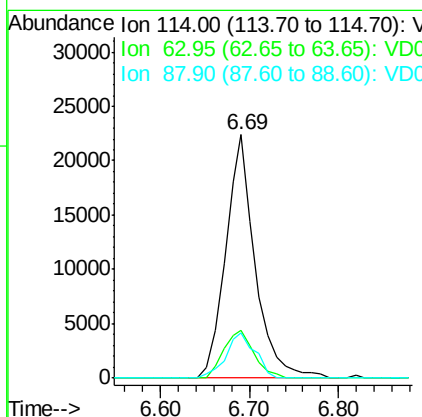
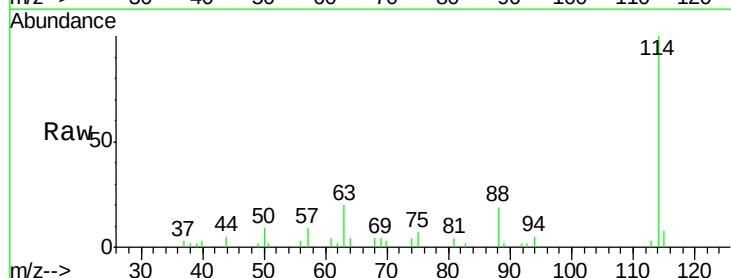
Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(3-8)

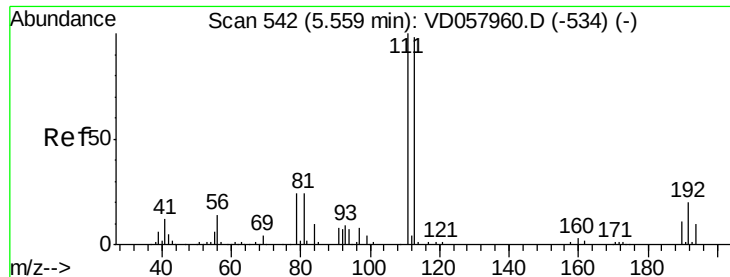
Tot Ion: 65 Resp: 44097
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058168.D
 Acq: 15 Jun 2018 22:46

Tgt Ion: 114 Resp: 51550
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 18.7 0.0 37.8

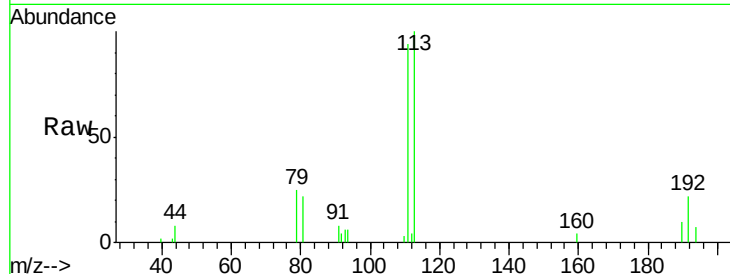




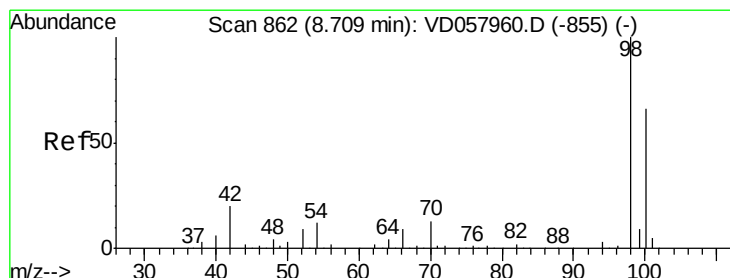
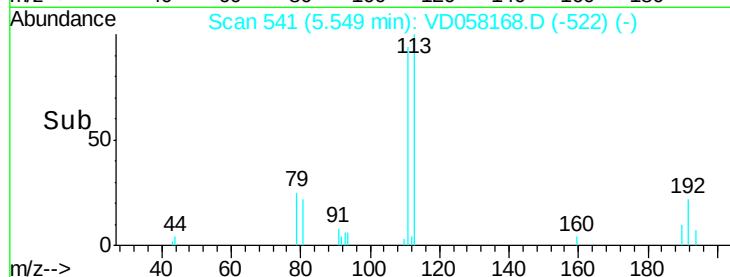
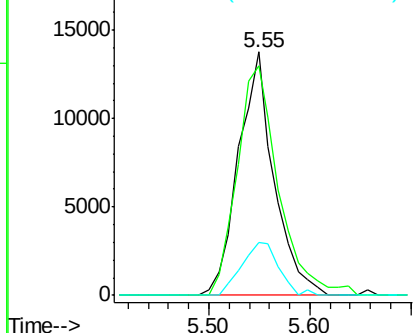
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD058168.D
 Acq: 15 Jun 2018 22:46

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(3-8)

Tot Ion:113 Resp: 33672
 Ion Ratio Lower Upper
 113 100
 111 94.3 81.5 122.3
 192 21.6 16.4 24.6

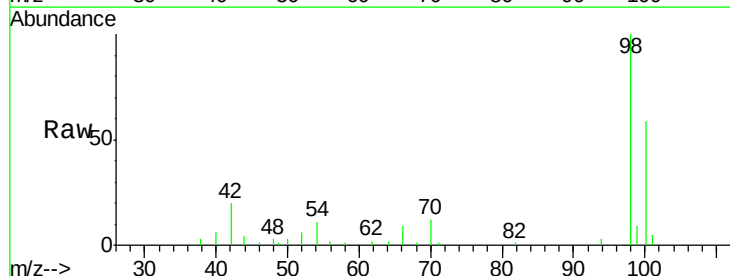


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

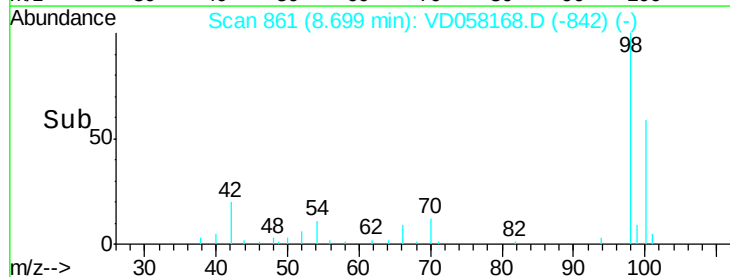
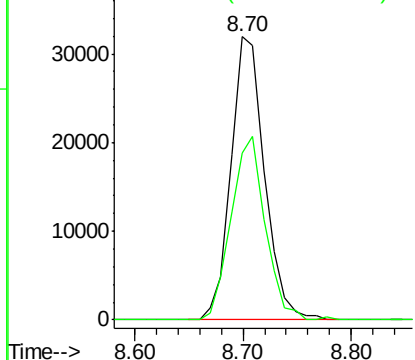


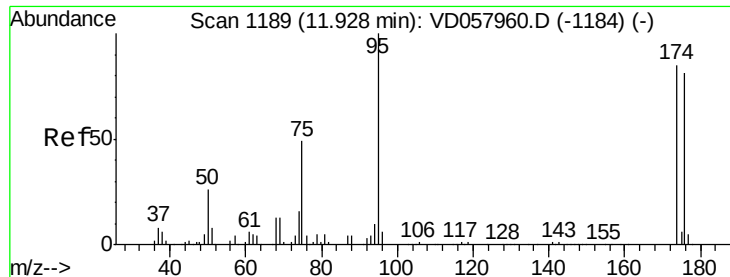
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VD058168.D
 Acq: 15 Jun 2018 22:46

Tgt Ion: 98 Resp: 68907
 Ion Ratio Lower Upper
 98 100
 100 58.8 53.4 80.0



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: VD058168.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(3-8)

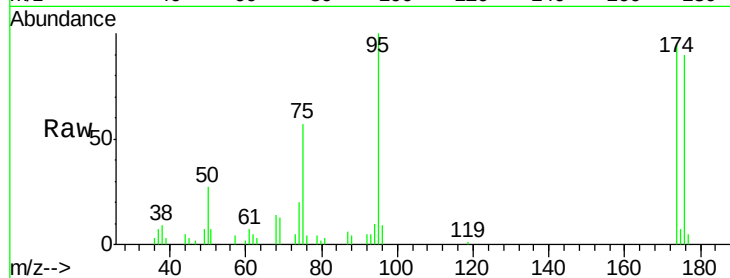
Tot Ion: 95 Resp: 28328

Ion Ratio Lower Upper

95 100

174 94.8 0.0 169.4

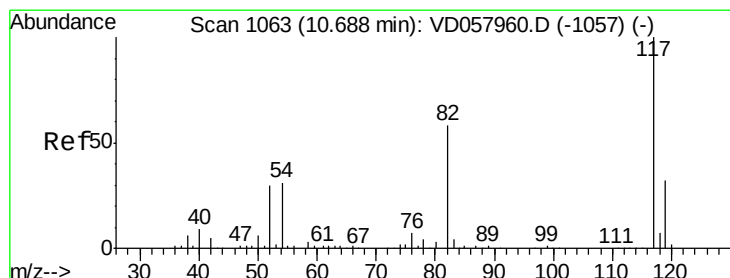
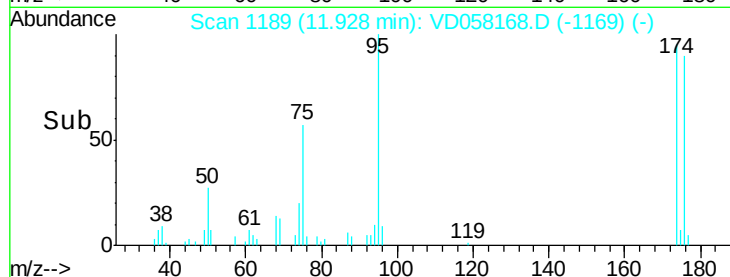
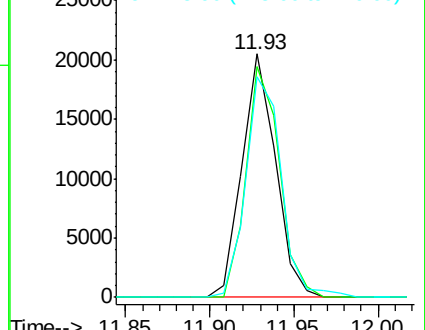
176 90.4 0.0 162.6



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: VD058168.D

Acq: 15 Jun 2018 22:46

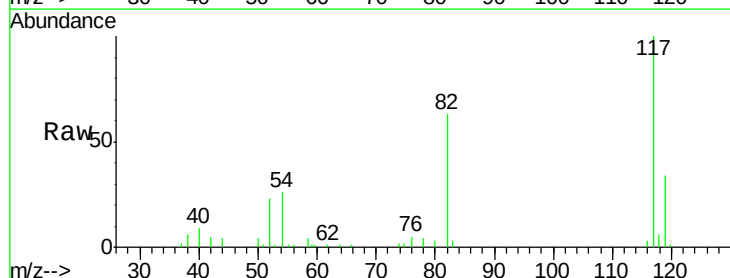
Tgt Ion: 117 Resp: 46544

Ion Ratio Lower Upper

117 100

82 63.1 46.8 70.2

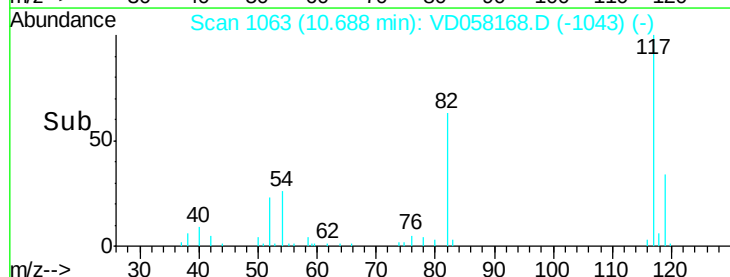
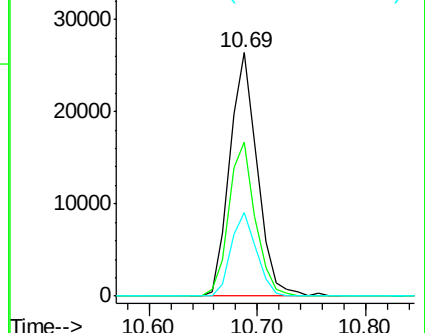
119 34.2 25.8 38.6

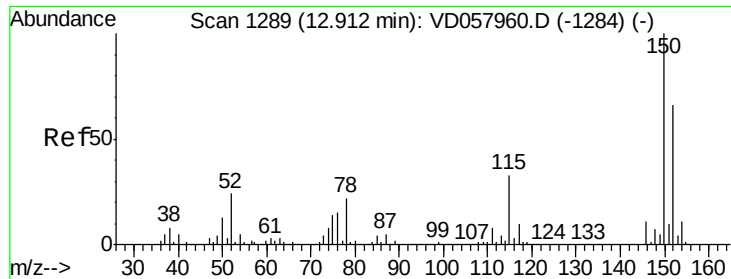


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058168.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(3-8)

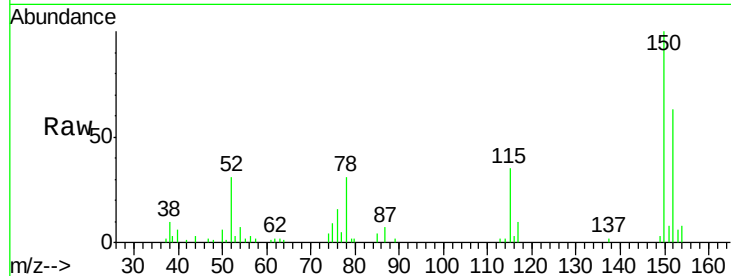
Tot Ion:152 Resp: 20191

Ion Ratio Lower Upper

152 100

115 56.0 25.6 76.6

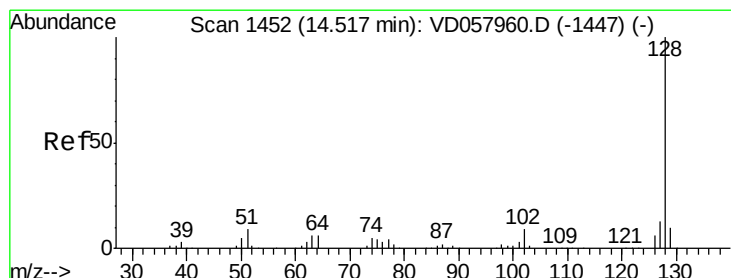
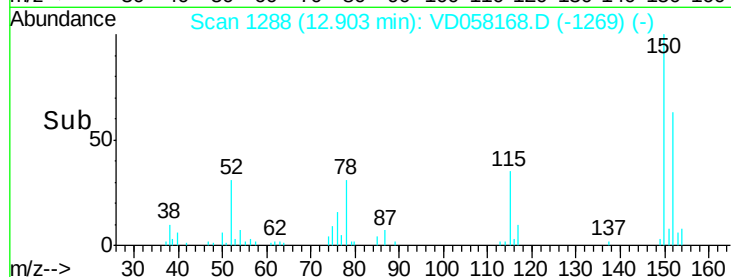
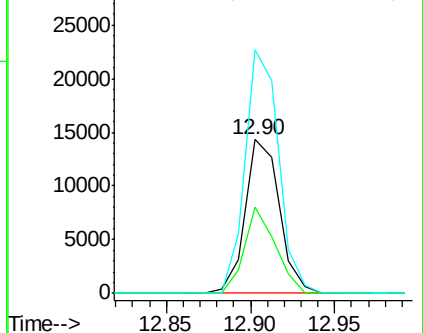
150 158.3 0.0 306.8



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: 166.641 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058168.D

Acq: 15 Jun 2018 22:46

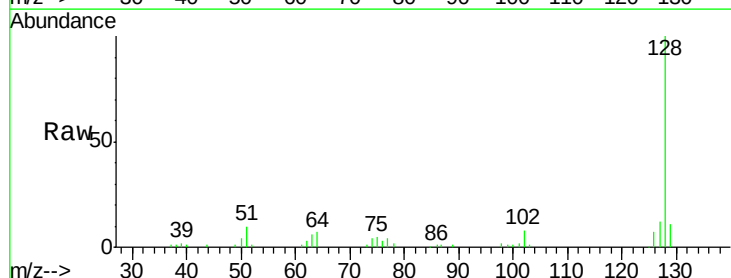
Tgt Ion:128 Resp: 108626

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.3 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

