

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058169.D
 Acq On : 15 Jun 2018 23:14
 Operator : VA/AP
 Sample : J3518-02
 Misc : 6.55g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(60-62)

Quant Time: Jun 16 00:50:31 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

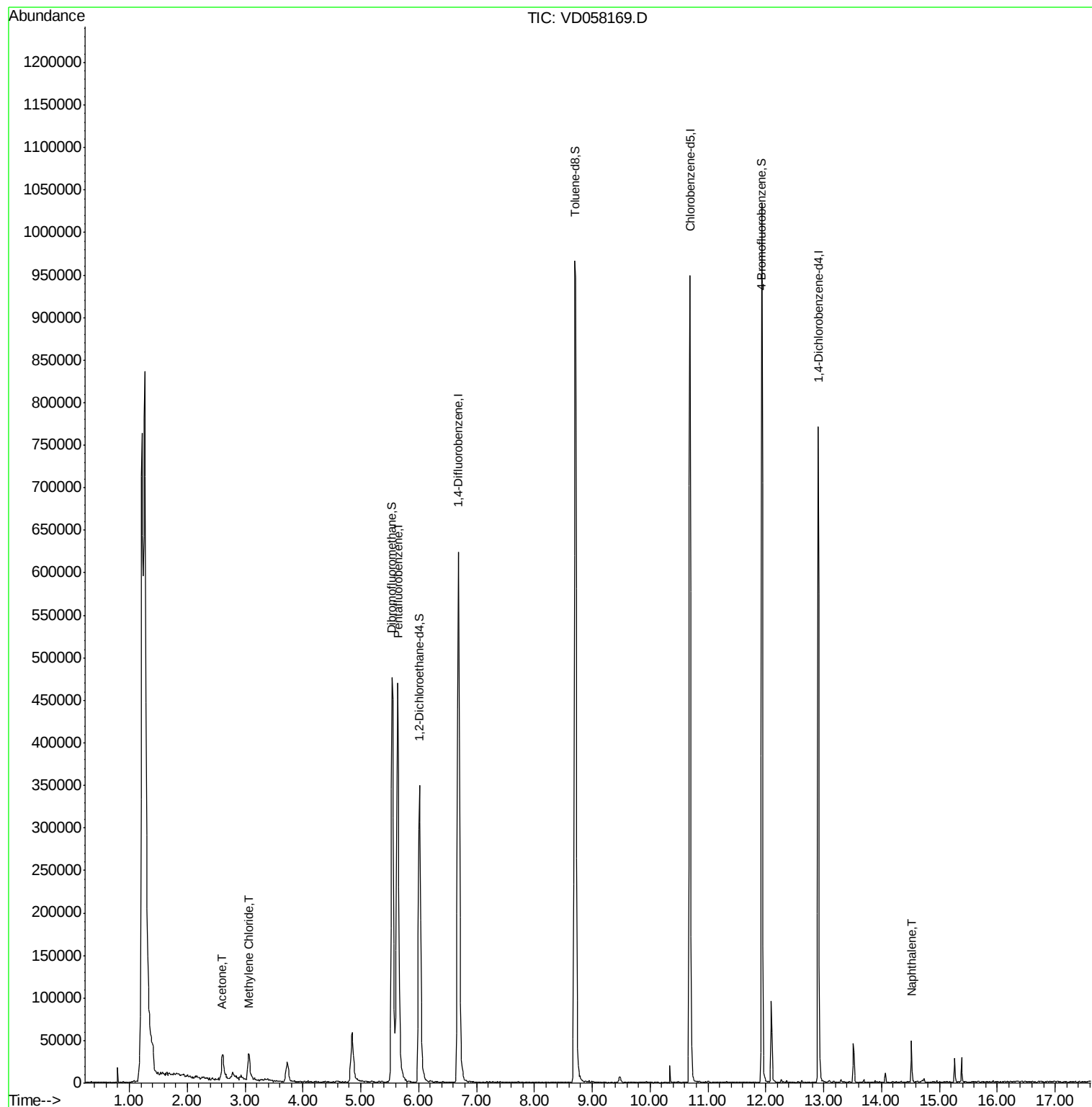
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	482297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	666511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	497038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	165143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	364231	75.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.08%	
35) Dibromofluoromethane	5.54	113	377675	73.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.48%	
50) Toluene-d8	8.71	98	781367	63.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.46%	
62) 4-Bromofluorobenzene	11.93	95	261913	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
16) Acetone	2.61	43	66467	95.679	ug/l	99
20) Methylene Chloride	3.06	84	16016	1.888	ug/l	87
95) Naphthalene	14.52	128	26581	4.986	ug/l	98

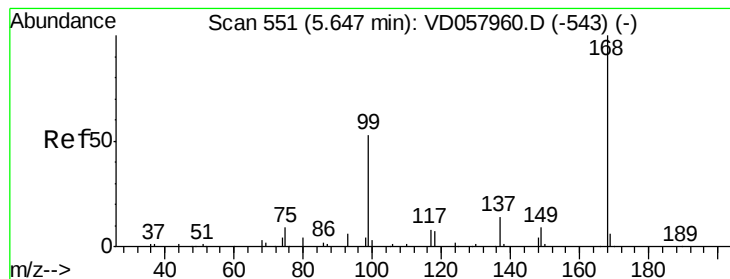
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061518\
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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: VD058169.D

Acq: 15 Jun 2018 23:14

Instrument :

MSVOA_D

ClientSampleId :

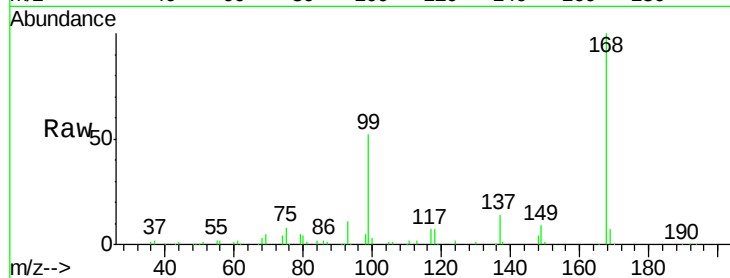
EPE-106-7(60-62)

Tot Ion:168 Resp: 482297

Ion Ratio Lower Upper

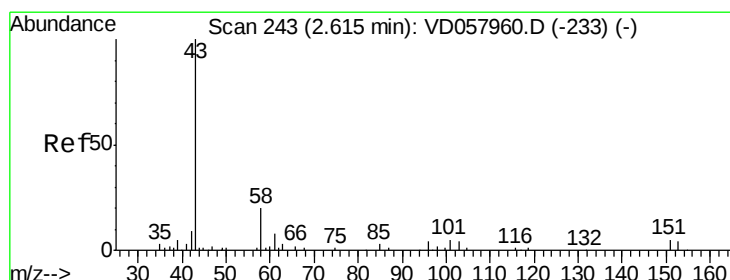
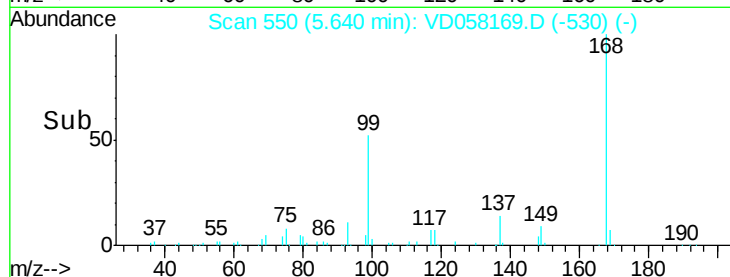
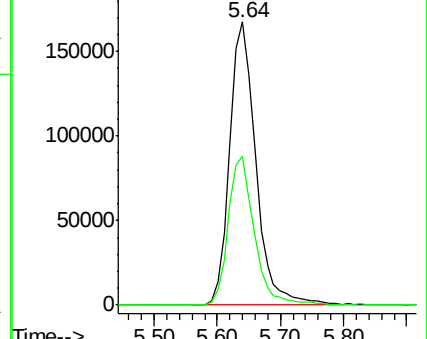
168 100

99 52.5 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: 95.679 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058169.D

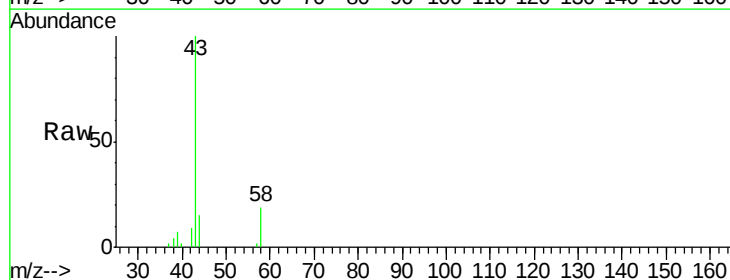
Acq: 15 Jun 2018 23:14

Tgt Ion: 43 Resp: 66467

Ion Ratio Lower Upper

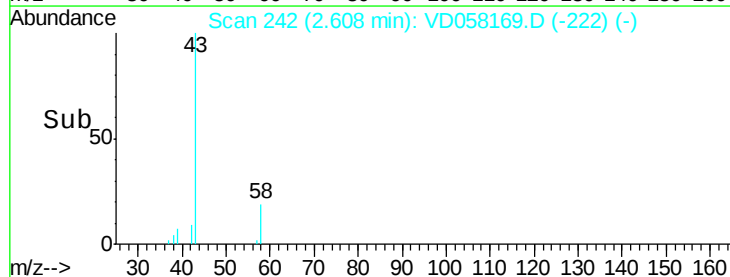
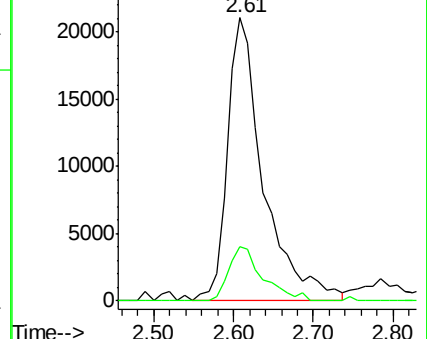
43 100

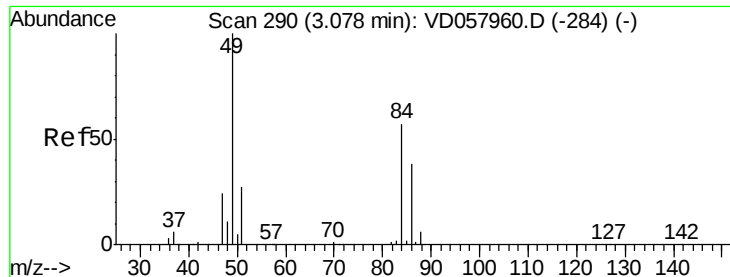
58 19.4 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

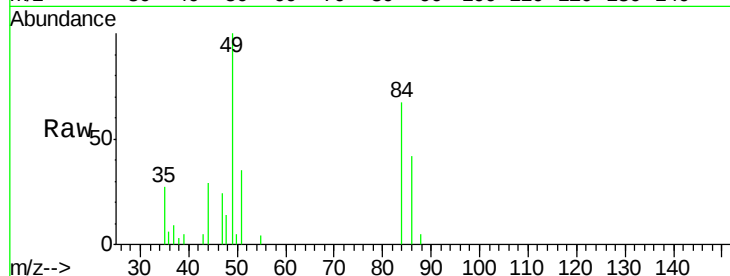




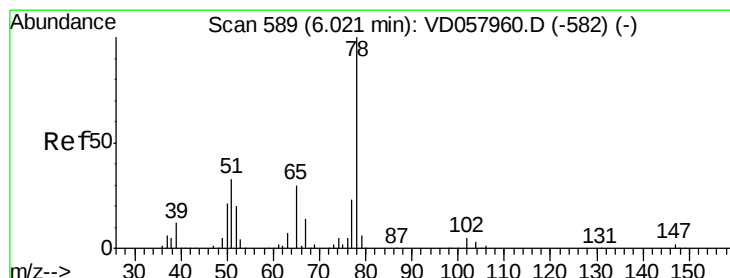
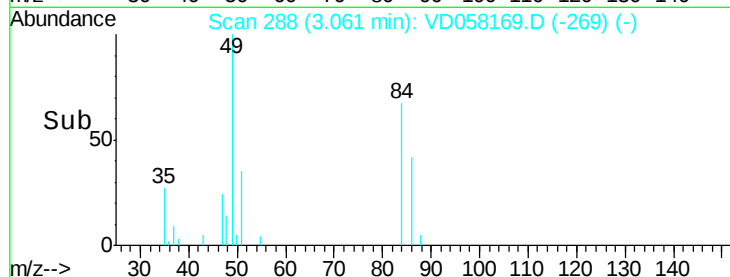
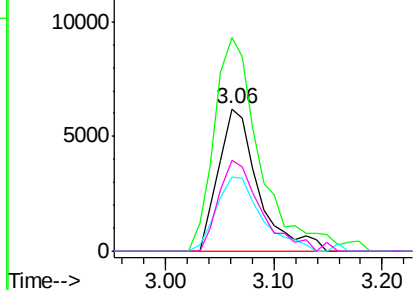
#20
Methvlene Chloride
Concen: 1.888 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Instrument :
MSVOA_D
ClientSampleId :
EPE-106-7(60-62)

Tot Ion: 84 Resp: 16016
Ion Ratio Lower Upper
84 100
49 149.9 141.4 212.0
51 52.6 38.3 57.5
86 63.7 52.9 79.3

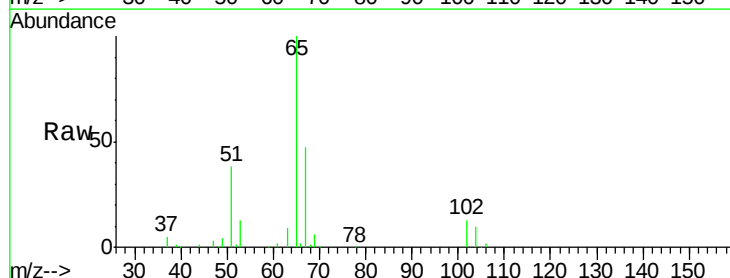


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

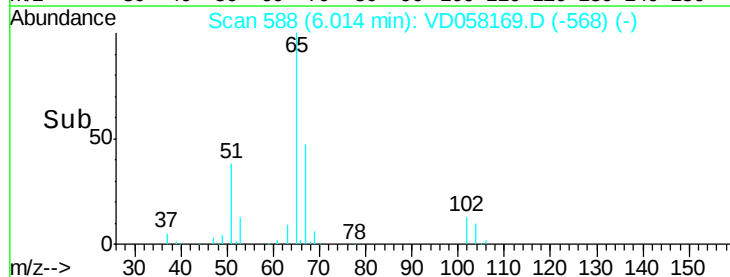
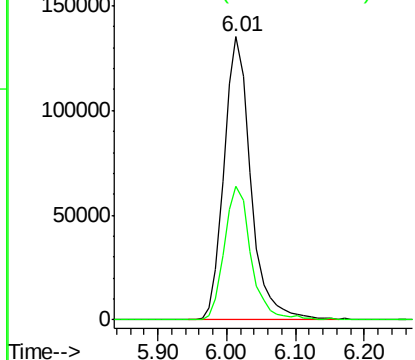


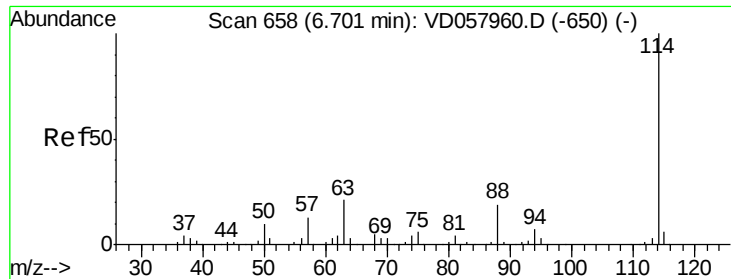
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Tgt Ion: 65 Resp: 364231
Ion Ratio Lower Upper
65 100
67 47.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

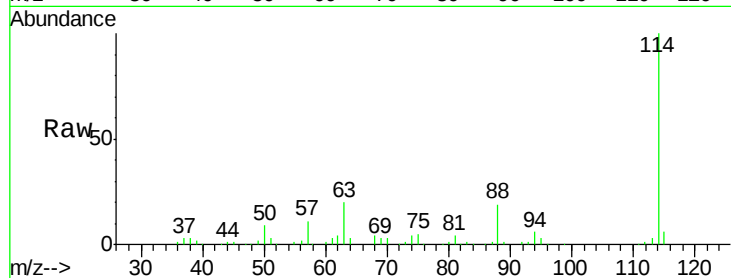




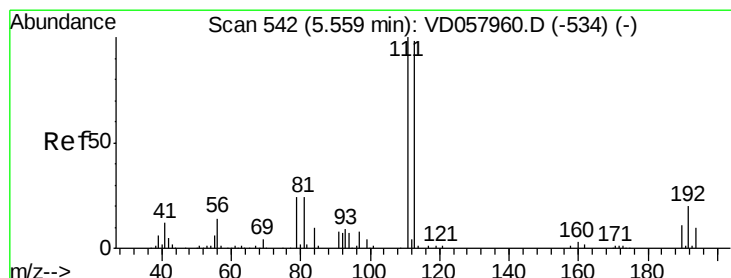
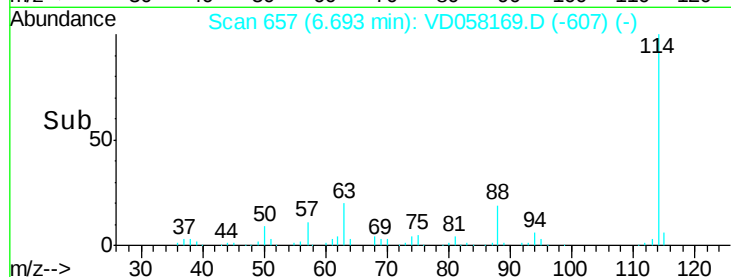
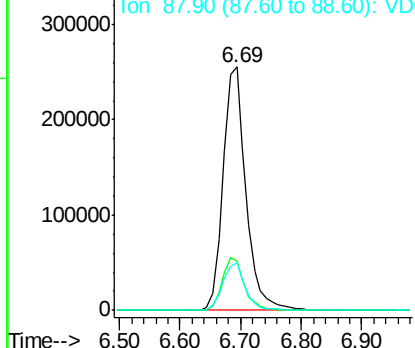
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Instrument :
MSVOA_D
ClientSampleId :
EPE-106-7(60-62)

Tot Ion:114 Resp: 666511
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 19.4 0.0 37.8

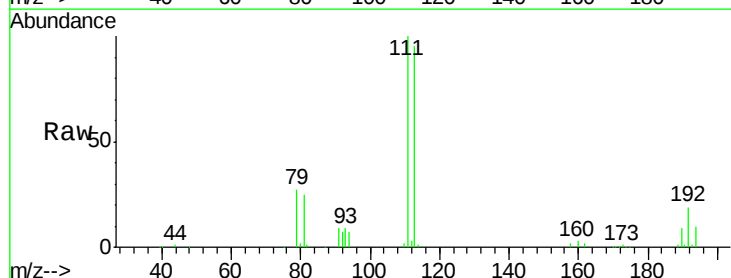


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

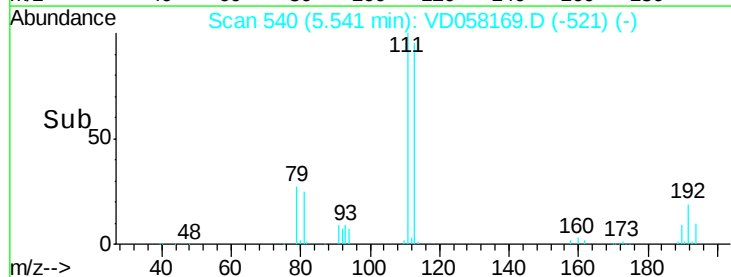
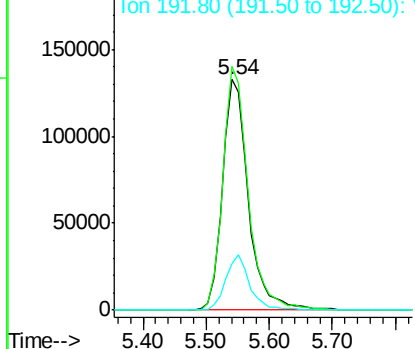


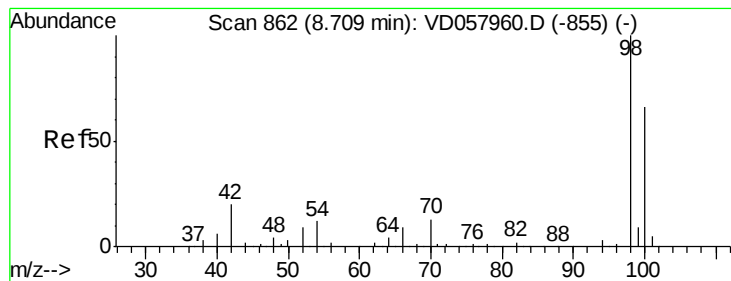
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Tgt Ion:113 Resp: 377675
Ion Ratio Lower Upper
113 100
111 105.6 81.5 122.3
192 20.3 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: VD058169.D

Acq: 15 Jun 2018 23:14

Instrument :

MSVOA_D

ClientSampleId :

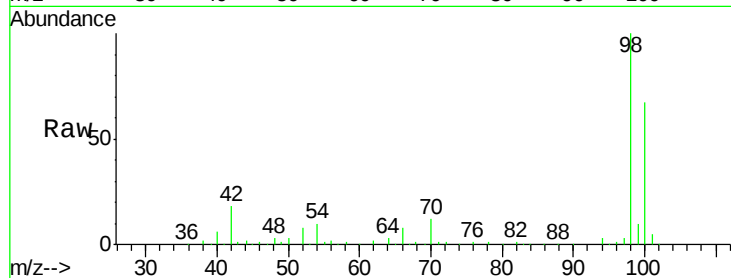
EPE-106-7(60-62)

Tot Ion: 98 Resp: 781367

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

300000

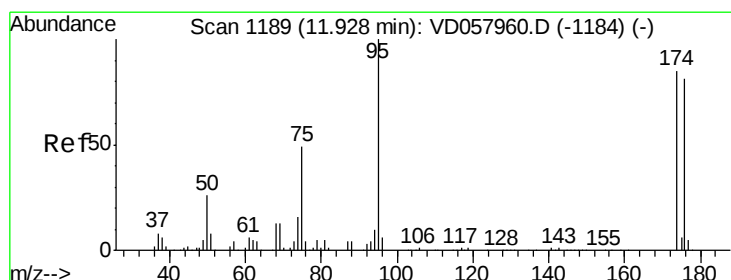
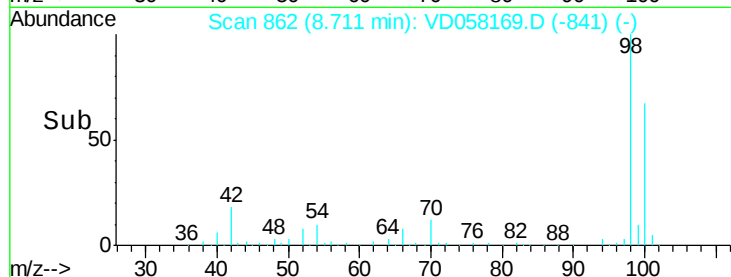
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058169.D

Acq: 15 Jun 2018 23:14

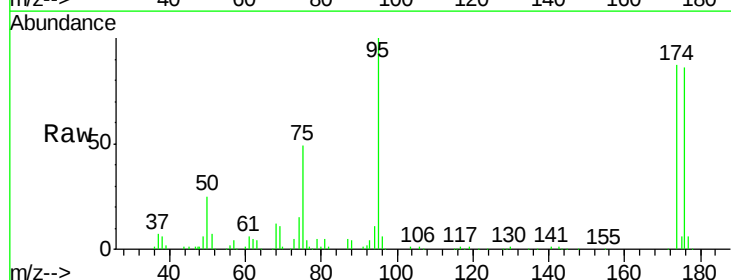
Tgt Ion: 95 Resp: 261913

Ion Ratio Lower Upper

95 100

174 86.7 0.0 169.4

176 86.0 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

11.93

250000

200000

150000

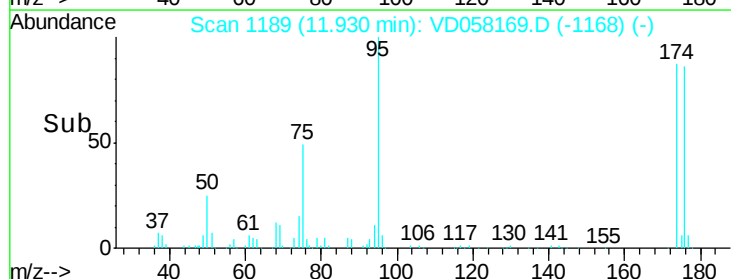
100000

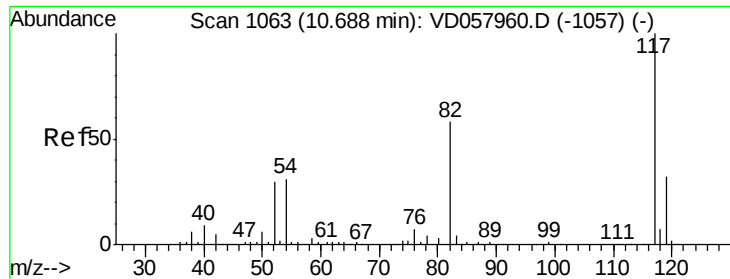
50000

0

11.80 11.90 12.00 12.10

Time-->

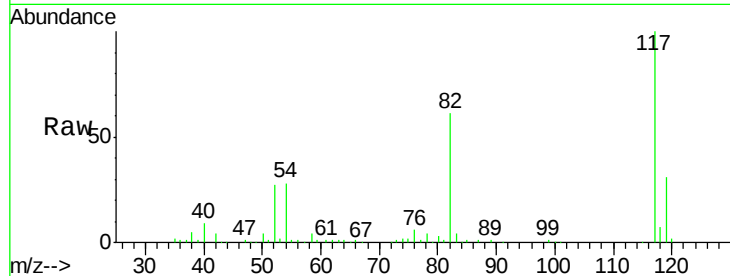




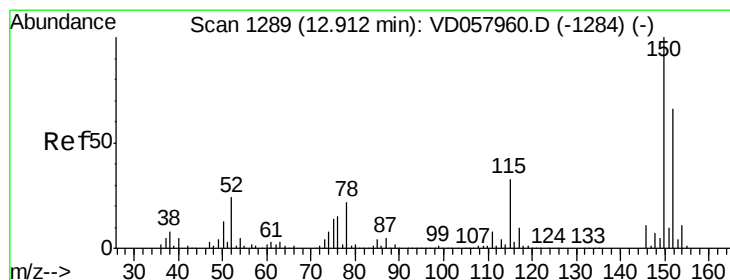
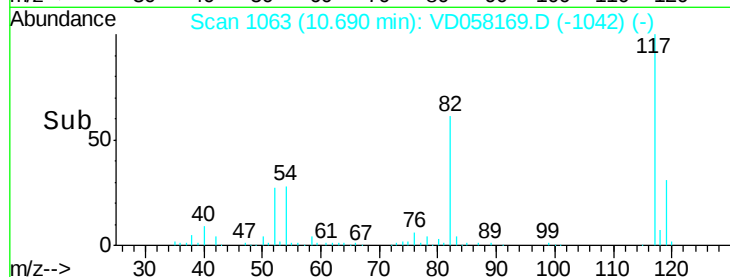
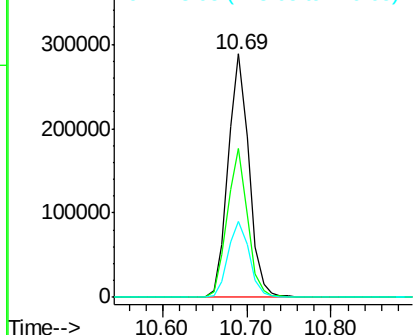
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Instrument :
MSVOA_D
ClientSampleId :
EPE-106-7(60-62)

Tot Ion:117 Resp: 497038
Ion Ratio Lower Upper
117 100
82 61.1 46.8 70.2
119 31.4 25.8 38.6

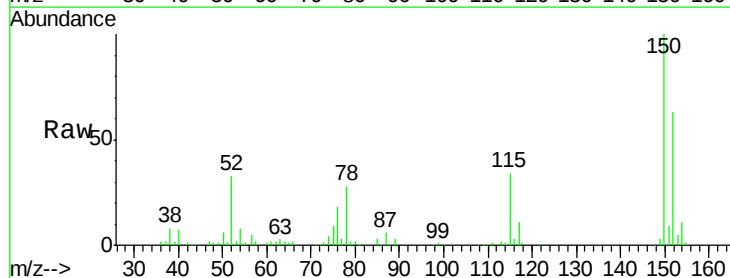


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

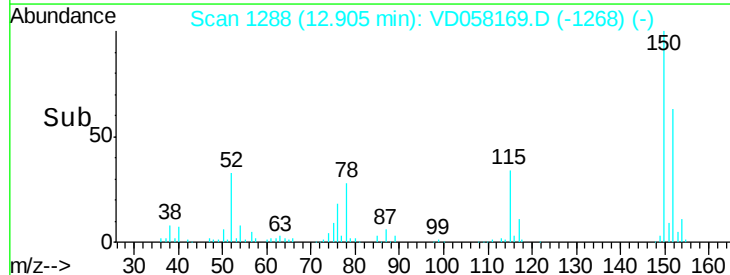
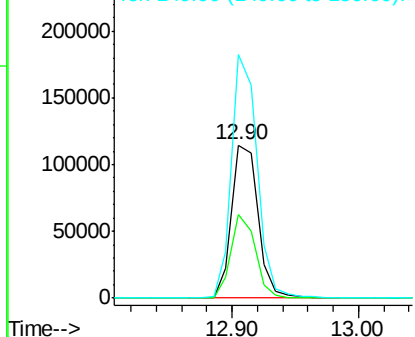


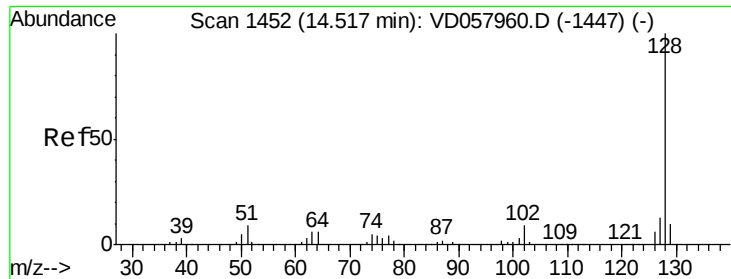
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058169.D
Acq: 15 Jun 2018 23:14

Tgt Ion:152 Resp: 165143
Ion Ratio Lower Upper
152 100
115 54.6 25.6 76.6
150 159.1 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: 4.986 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058169.D

Acq: 15 Jun 2018 23:14

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(60-62)

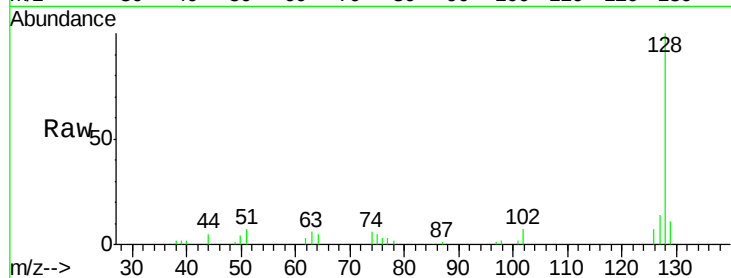
Tot Ion:128 Resp: 26581

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 10.5 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

