

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058046.D
 Acq On : 9 Jun 2018 6:23
 Operator : VA/AP
 Sample : J3353-01
 Misc : 5.50µl/5ml/MSVOA D/SOIL
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(45-47)

Quant Time: Jun 11 11:45:30 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

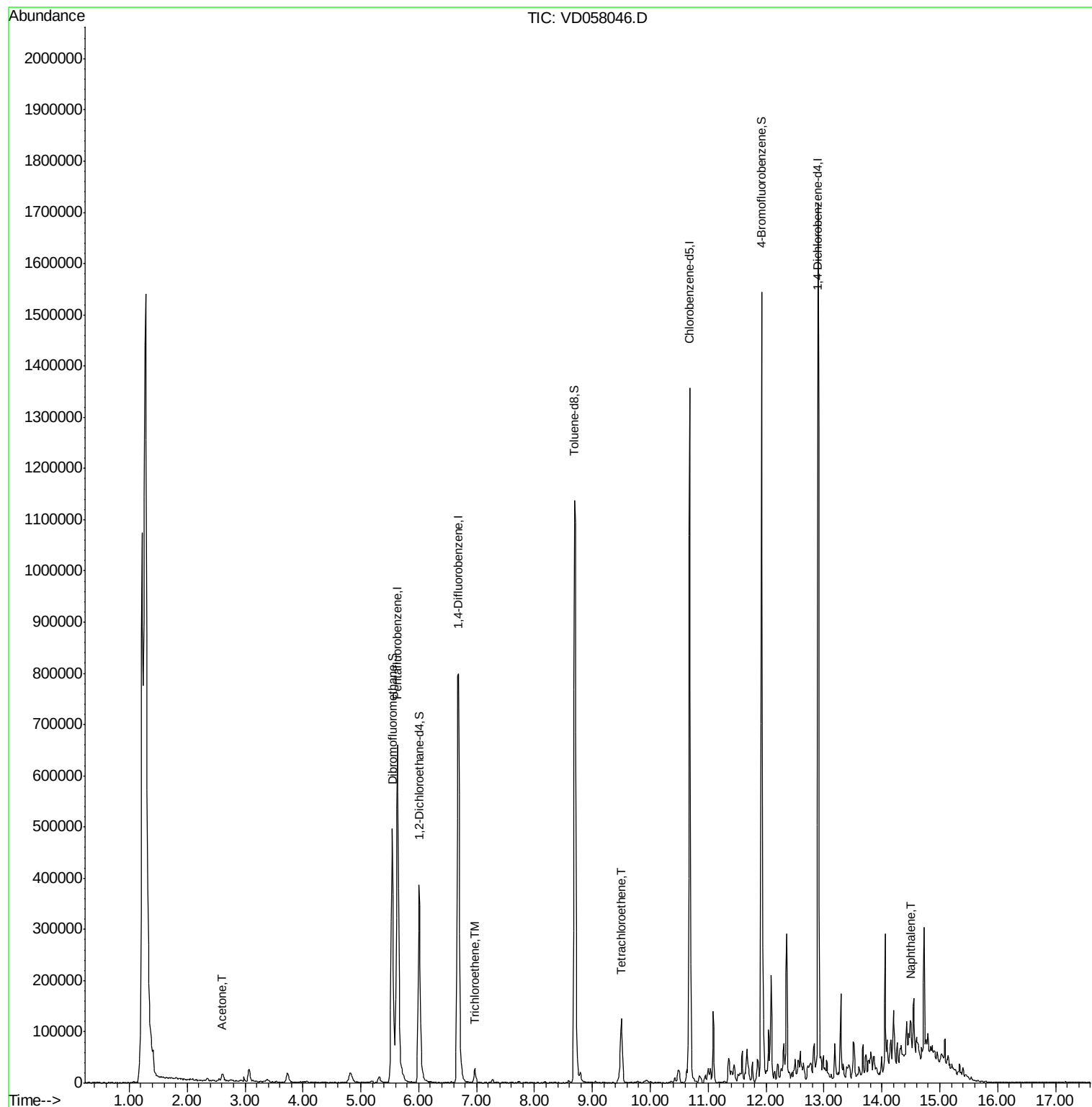
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	641119	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	845981	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	709317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	360633	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	377899	58.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.92%	
35) Dibromofluoromethane	5.54	113	395235	60.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	120.76%	
50) Toluene-d8	8.70	98	924314	59.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.80%	
62) 4-Bromofluorobenzene	11.92	95	382313	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
Target Compounds						
16) Acetone	2.61	43	32534	35.23	ug/l	95
44) Trichloroethene	6.98	130	10777	1.69	ug/l	81
64) Tetrachloroethene	9.50	164	35725	5.63	ug/l	96
95) Naphthalene	14.51	128	16125	1.38	ug/l	98

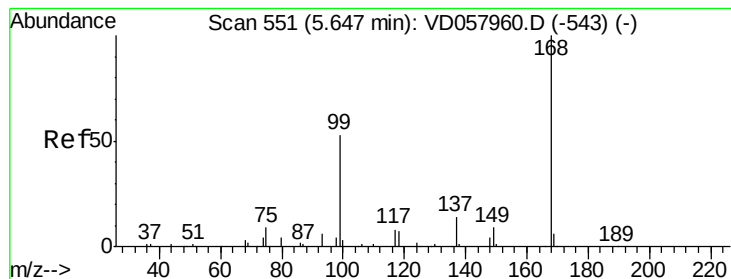
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058046.D
Acq On : 9 Jun 2018 6:23
Operator : VA/AP
Sample : J3353-01
Misc : 5.50a/5ml/MSVOA D/SOIL
ALS Vial : 65 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(45-47)

Quant Time: Jun 11 11:45:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058046.D

Acq: 9 Jun 2018 6:23

Instrument :

MSVOA_D

ClientSampleId :

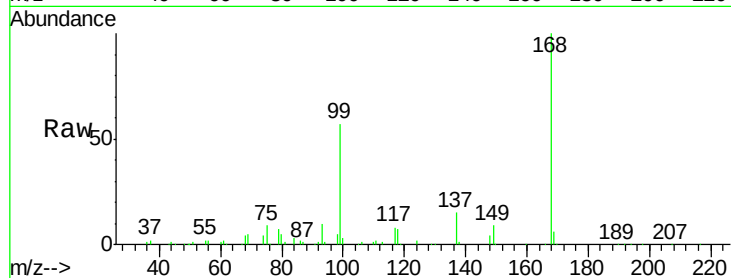
EPE-109-1(45-47)

Tot Ion:168 Resp: 641119

Ion Ratio Lower Upper

168 100

99 57.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

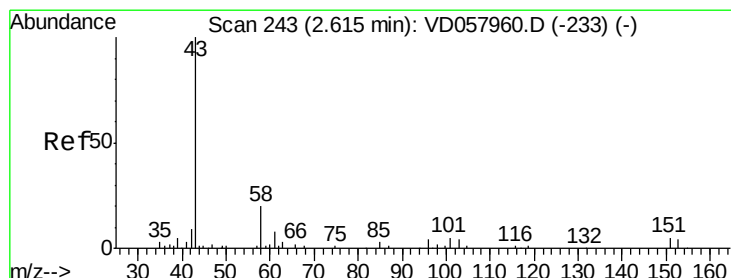
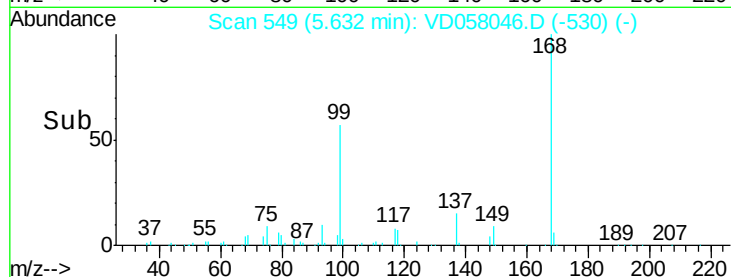
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 35.23 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058046.D

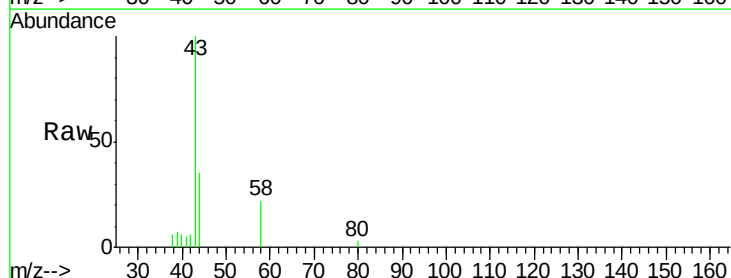
Acq: 9 Jun 2018 6:23

Tgt Ion: 43 Resp: 32534

Ion Ratio Lower Upper

43 100

58 22.2 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

10000

8000

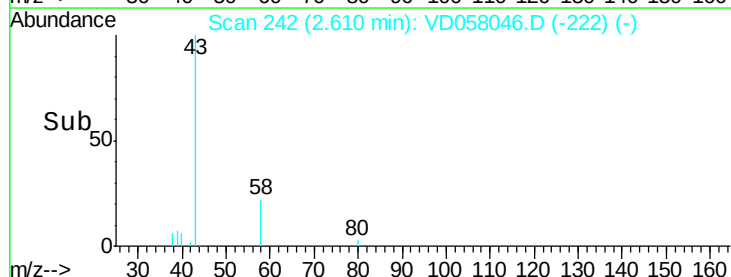
6000

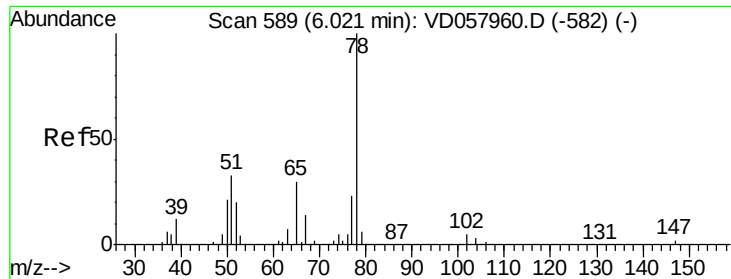
4000

2000

0

Time--> 2.50 2.60 2.70

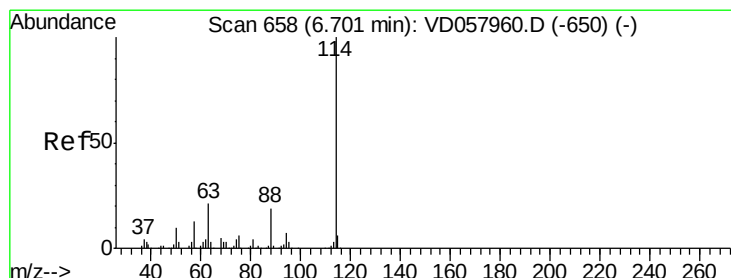
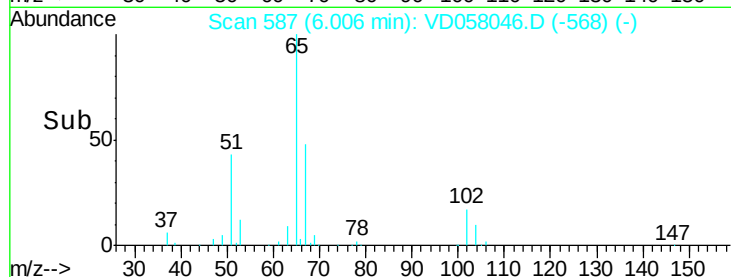
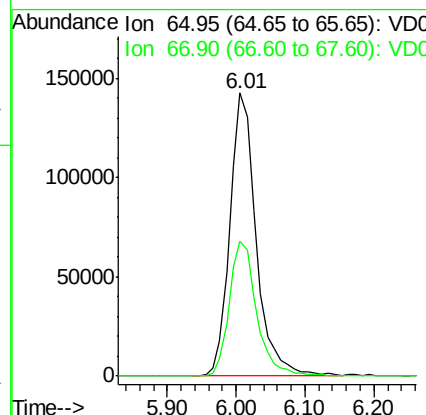
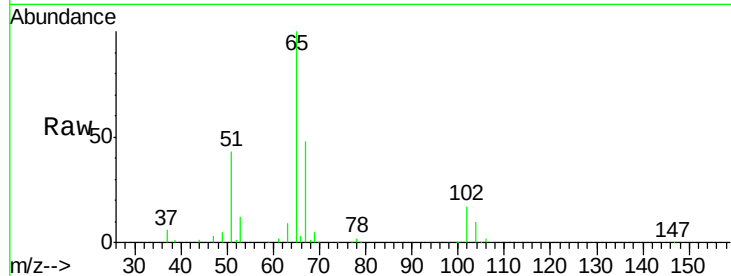




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.01 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD058046.D
 Acq: 9 Jun 2018 6:23

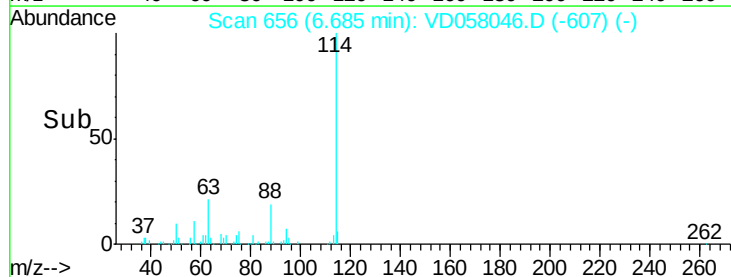
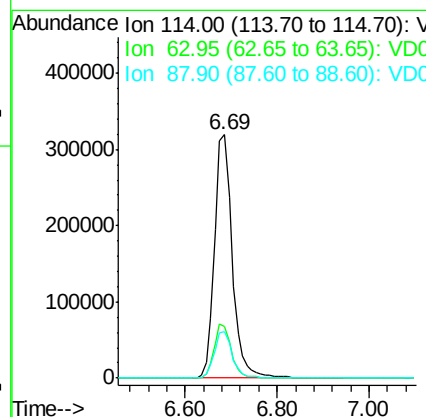
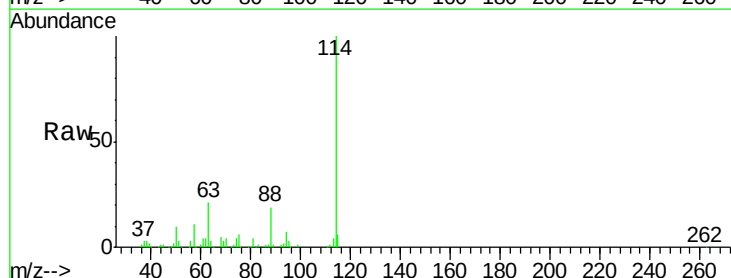
Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(45-47)

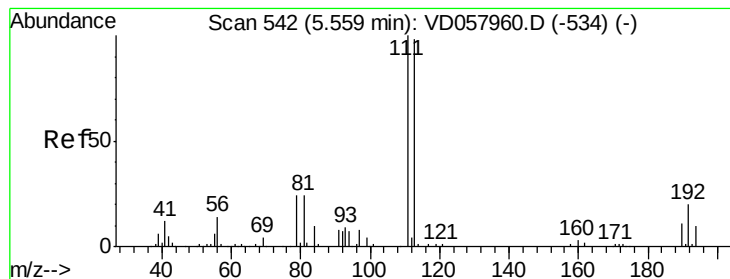
Tot Ion: 65 Resp: 377899
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058046.D
 Acq: 9 Jun 2018 6:23

Tgt Ion: 114 Resp: 845981
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 19.2 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058046.D

Acq: 9 Jun 2018 6:23

Instrument :

MSVOA_D

ClientSampleId :

EPE-109-1(45-47)

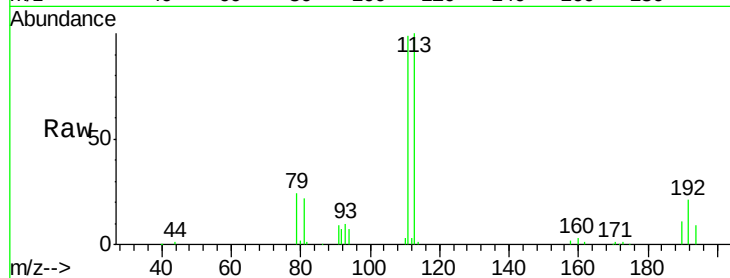
Tot Ion:113 Resp: 395235

Ion Ratio Lower Upper

113 100

111 99.1 81.5 122.3

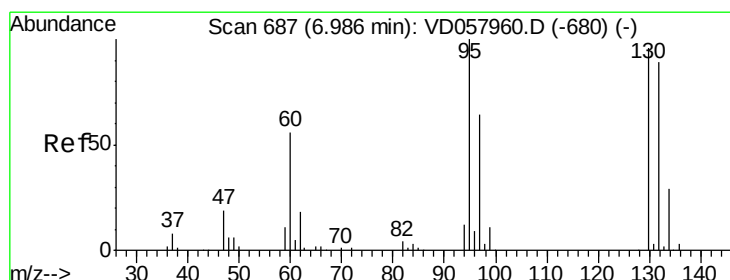
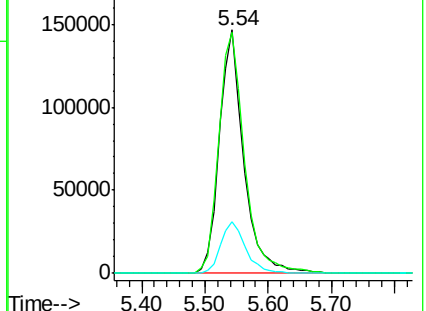
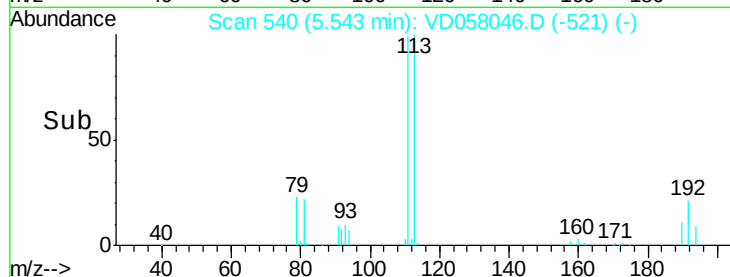
192 21.0 16.4 24.6



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



#44

Trichloroethene

Concen: 1.69 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.01 min

Lab File: VD058046.D

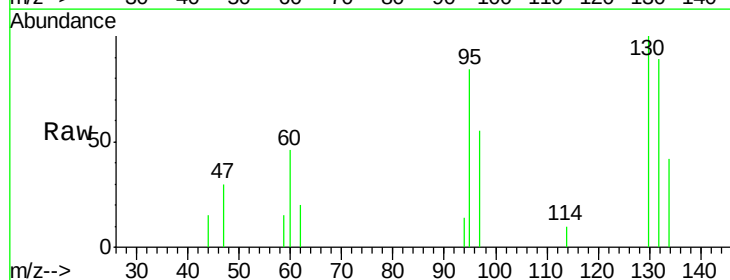
Acq: 9 Jun 2018 6:23

Tgt Ion:130 Resp: 10777

Ion Ratio Lower Upper

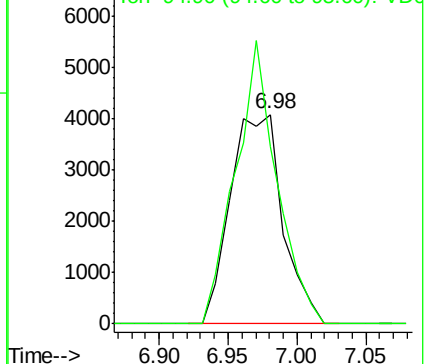
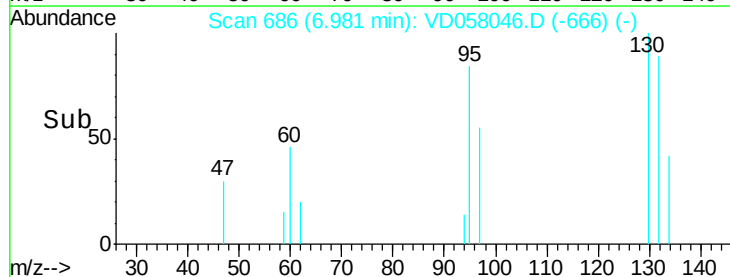
130 100

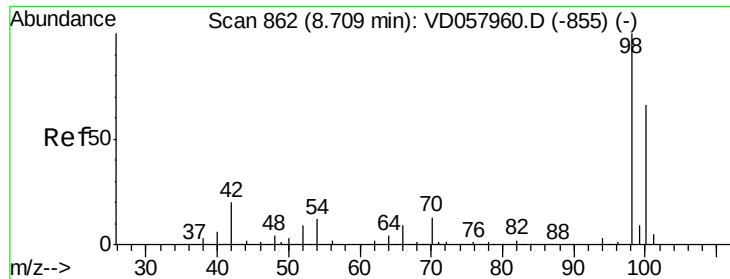
95 84.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

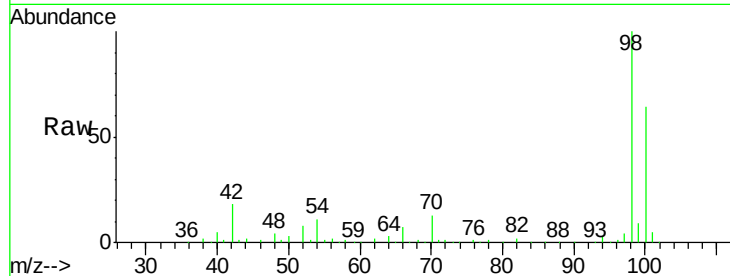




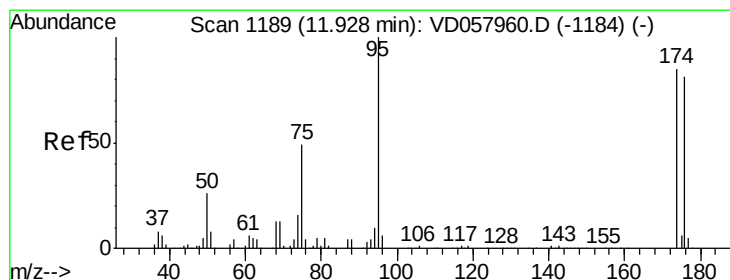
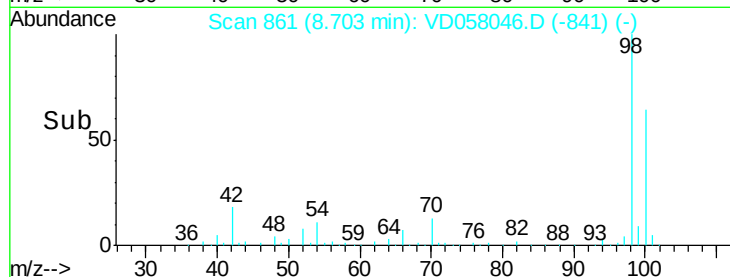
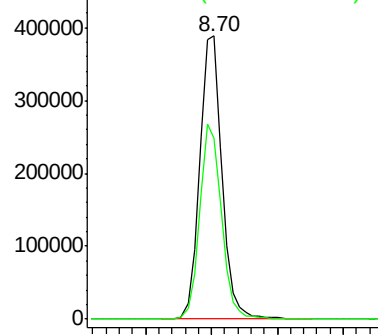
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058046.D
Acq: 9 Jun 2018 6:23

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(45-47)

Tot Ion: 98 Resp: 924314
Ion Ratio Lower Upper
98 100
100 63.8 53.4 80.0

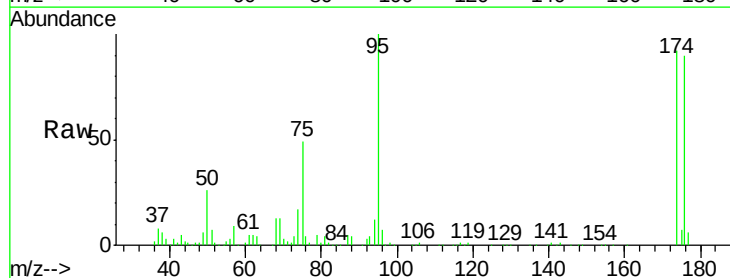


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

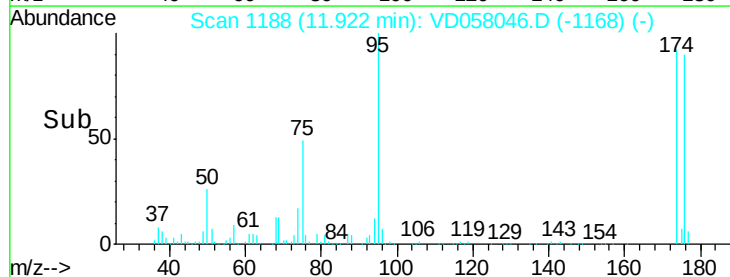
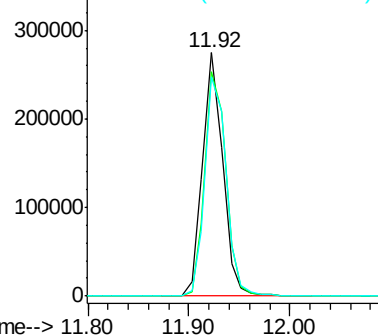


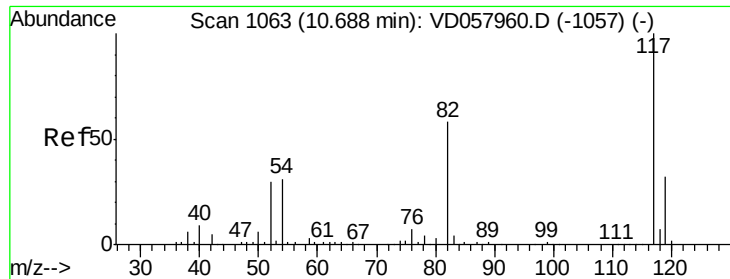
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058046.D
Acq: 9 Jun 2018 6:23

Tgt Ion: 95 Resp: 382313
Ion Ratio Lower Upper
95 100
174 92.0 0.0 169.4
176 90.0 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

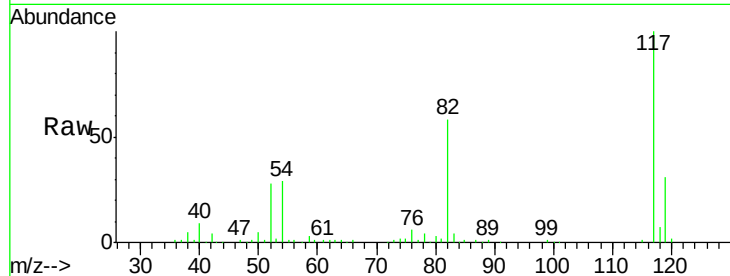




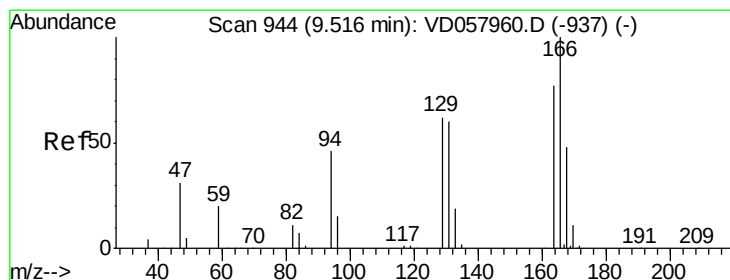
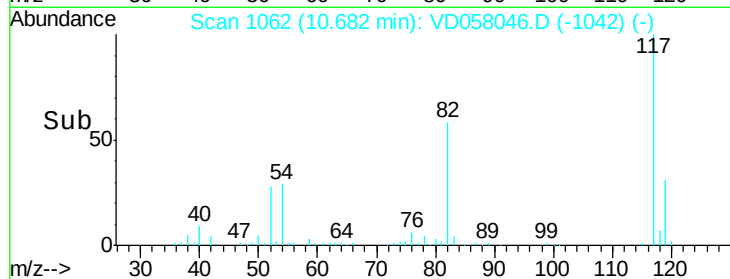
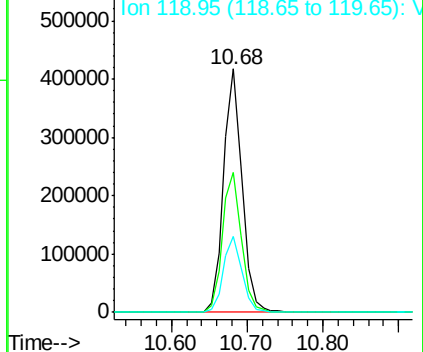
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058046.D
Acq: 9 Jun 2018 6:23

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(45-47)

Tot Ion:117 Resp: 709317
Ion Ratio Lower Upper
117 100
82 57.6 46.8 70.2
119 31.3 25.8 38.6

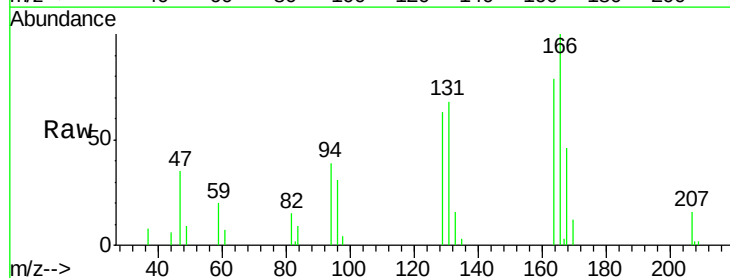


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

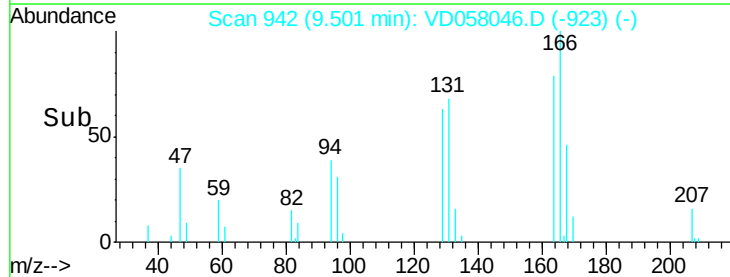
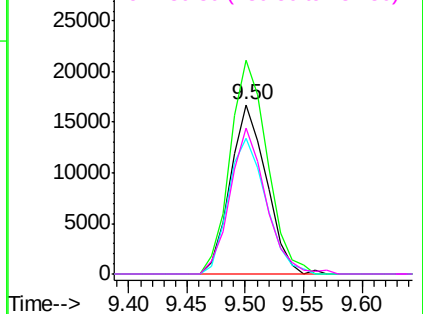


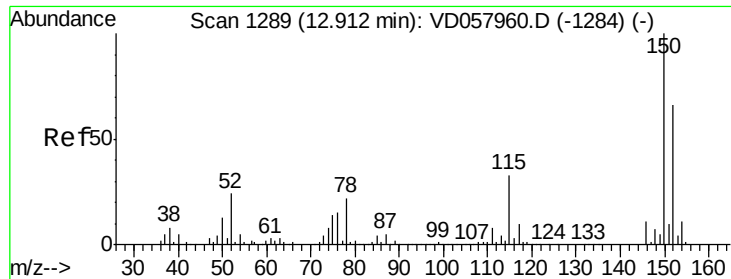
#64
Tetrachloroethene
Concen: 5.63 ug/l
RT: 9.50 min Scan# 942
Delta R.T. -0.02 min
Lab File: VD058046.D
Acq: 9 Jun 2018 6:23

Tgt Ion:164 Resp: 35725
Ion Ratio Lower Upper
164 100
166 126.2 104.4 156.6
129 79.9 65.0 97.6
131 85.9 62.9 94.3



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VD058046.D

Acq: 9 Jun 2018 6:23

Instrument :

MSVOA_D

ClientSampleId :

EPE-109-1(45-47)

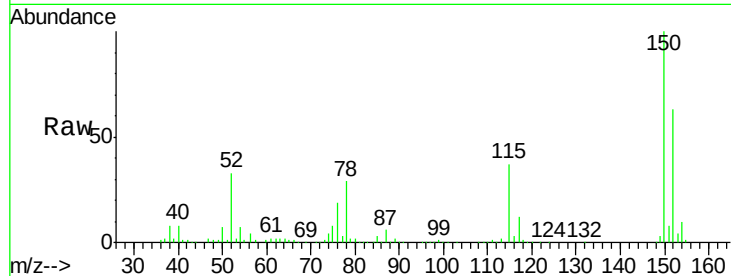
Tot Ion:152 Resp: 360633

Ion Ratio Lower Upper

152 100

115 58.5 25.6 76.6

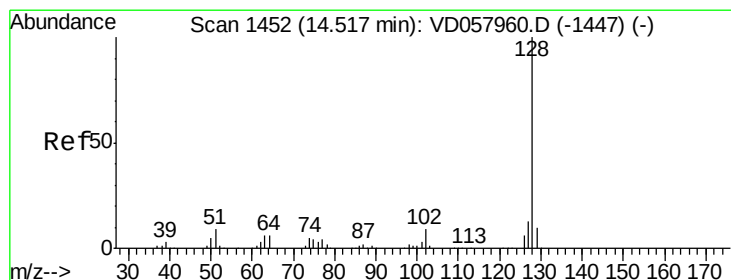
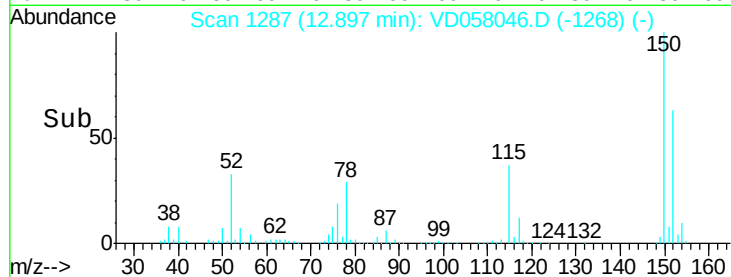
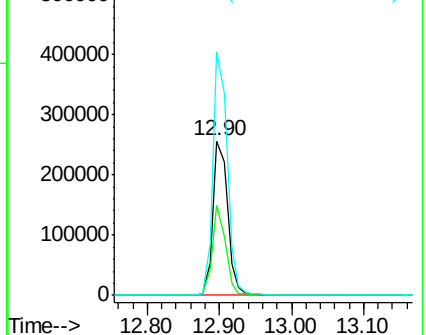
150 157.9 0.0 306.8



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: 1.38 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VD058046.D

Acq: 9 Jun 2018 6:23

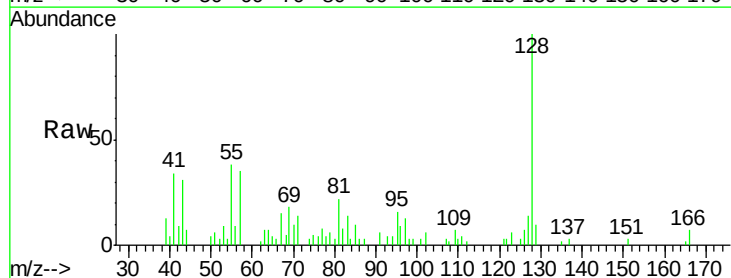
Tgt Ion:128 Resp: 16125

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 9.6 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

