

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058048.D
 Acq On : 9 Jun 2018 7:19
 Operator : VA/AP
 Sample : J3353-03
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(70-72)

Quant Time: Jun 11 04:25:35 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

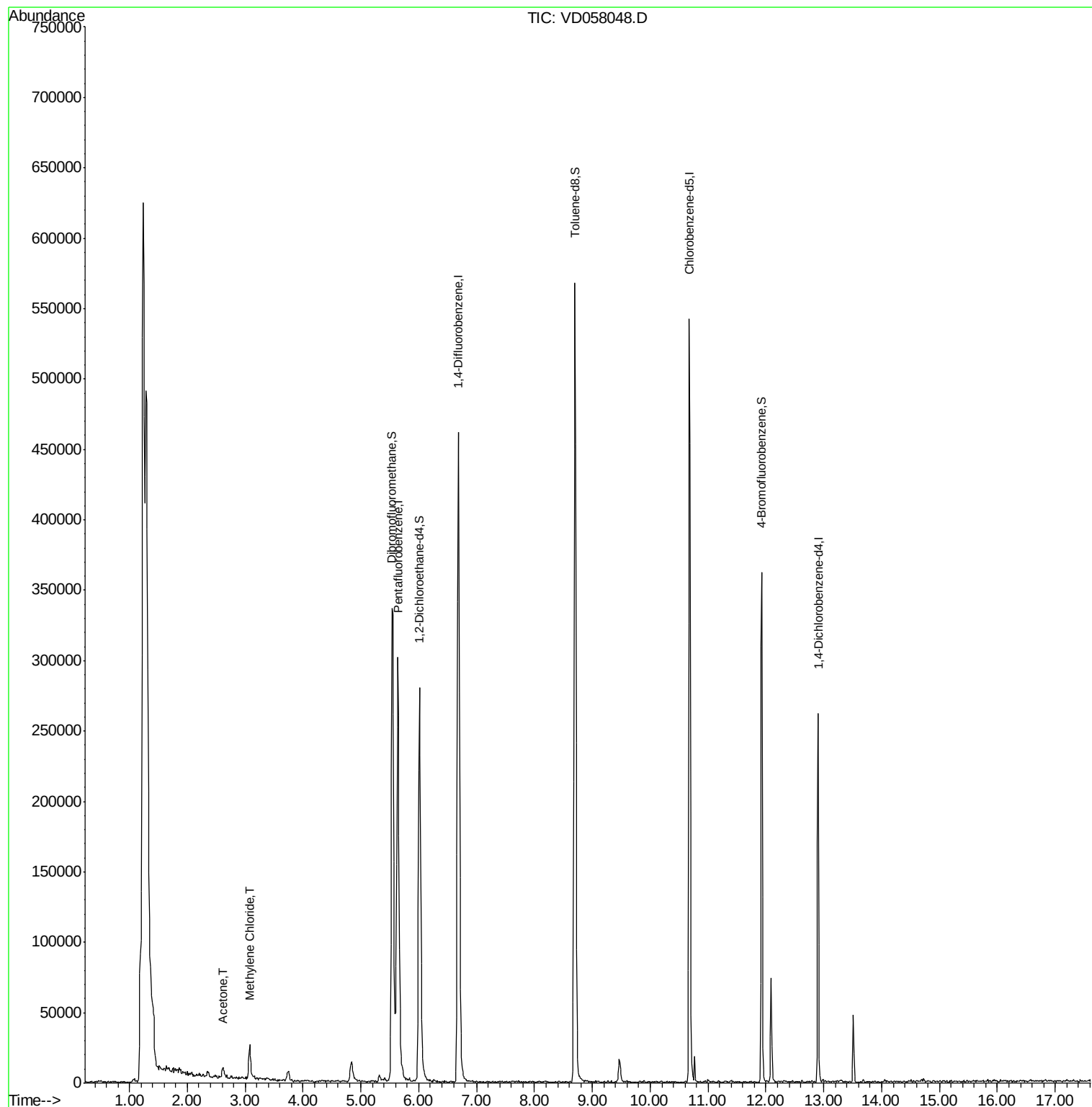
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	292620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	481764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	289730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	53571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	273615	93.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	187.06%	
35) Dibromofluoromethane	5.55	113	282226	75.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.44%	
50) Toluene-d8	8.70	98	440511	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.93	95	107239	27.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.48%	
Target Compounds						
16) Acetone	2.61	43	17713	42.03	ug/l #	90
20) Methylene Chloride	3.08	84	10637	3.07	ug/l #	79

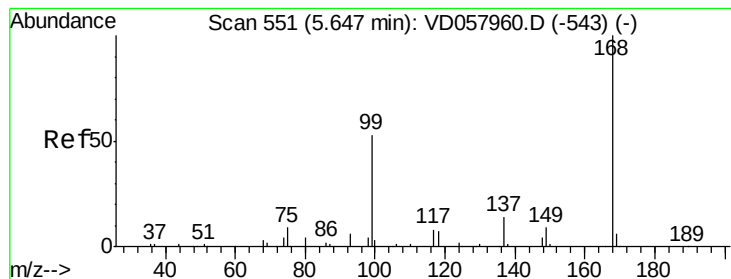
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058048.D

Acq: 9 Jun 2018 7:19

Instrument :

MSVOA_D

ClientSampleId :

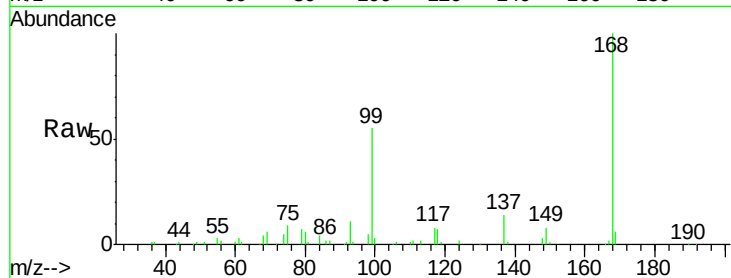
EPE-109-1(70-72)

Tot Ion:168 Resp: 292620

Ion Ratio Lower Upper

168 100

99 55.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

100000

80000

60000

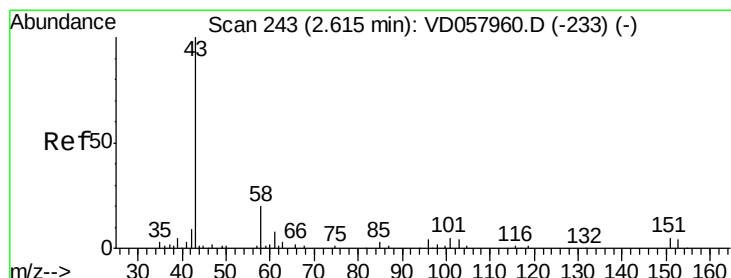
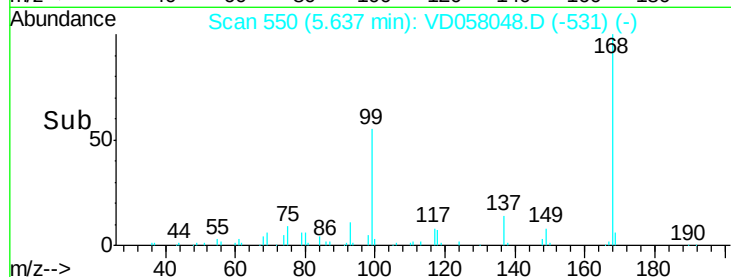
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 42.03 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058048.D

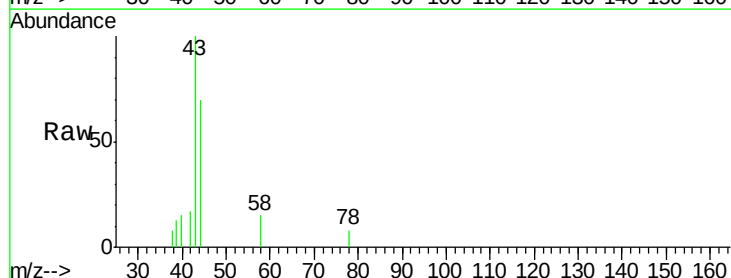
Acq: 9 Jun 2018 7:19

Tgt Ion: 43 Resp: 17713

Ion Ratio Lower Upper

43 100

58 15.2 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

5000

4000

3000

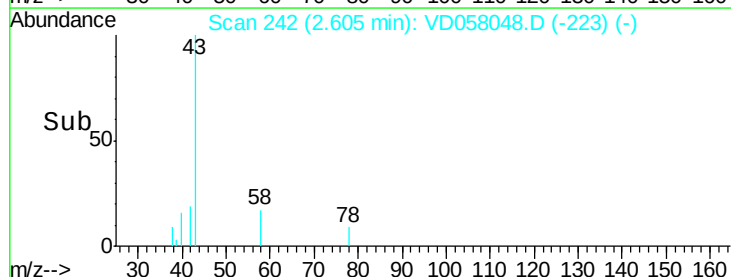
2000

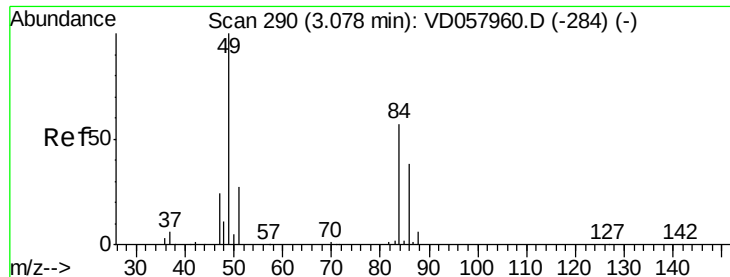
1000

0

Time-->

2.50 2.60 2.70 2.80

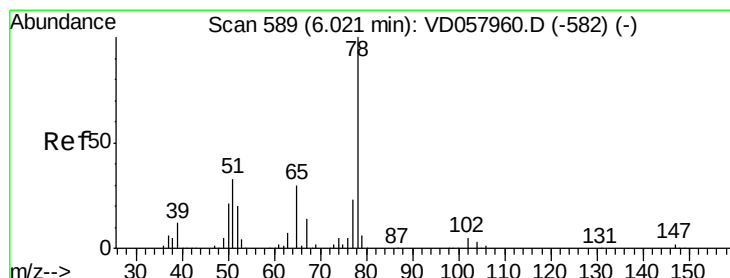
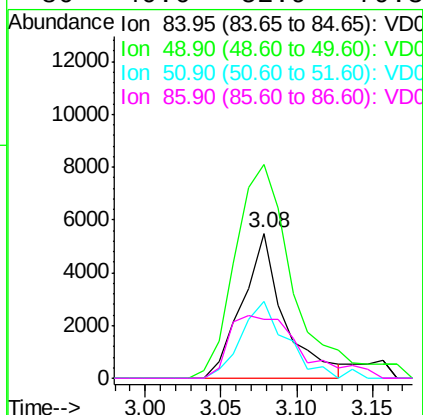
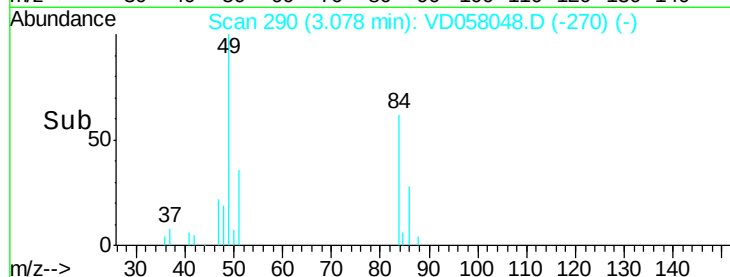
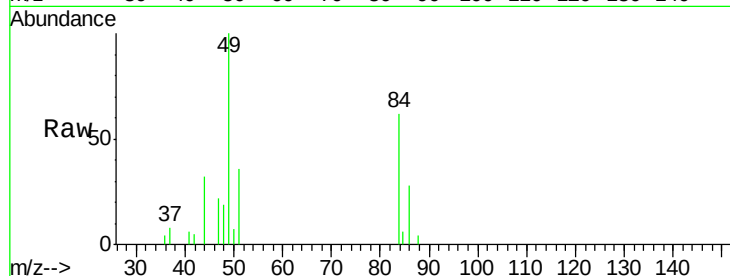




#20
Methylene Chloride
Concen: 3.07 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

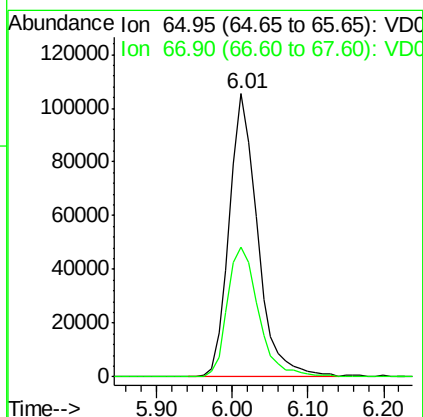
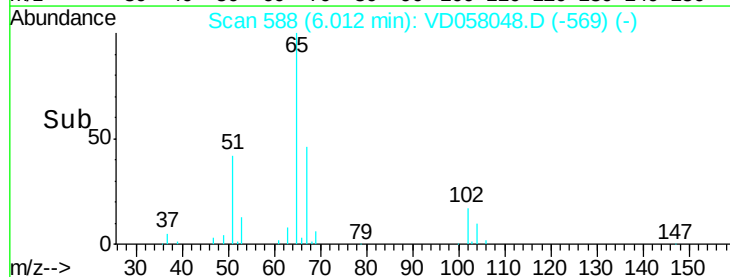
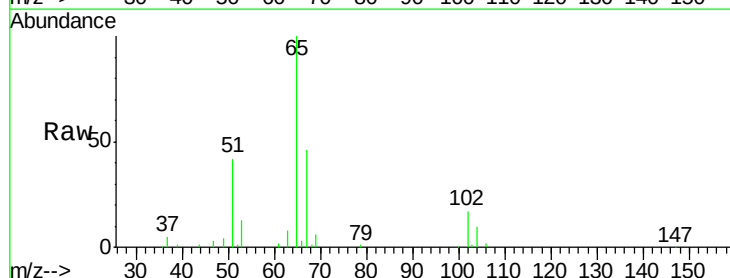
Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(70-72)

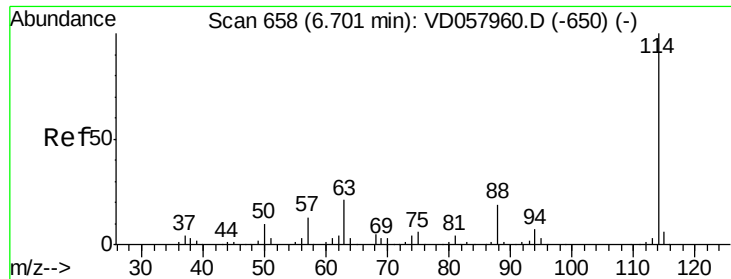
Tot Ion: 84 Resp: 10637
Ion Ratio Lower Upper
84 100
49 147.0 141.4 212.0
51 52.9 38.3 57.5
86 40.6 52.9 79.3#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

Tgt Ion: 65 Resp: 273615
Ion Ratio Lower Upper
65 100
67 45.8 0.0 94.0

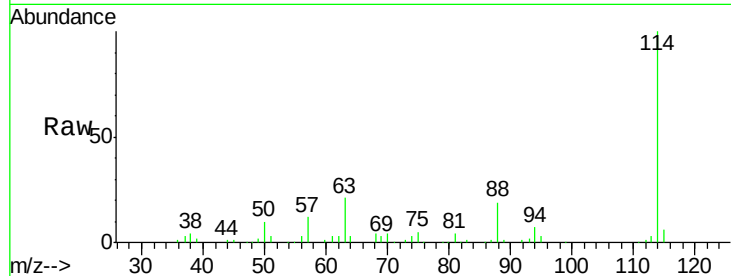




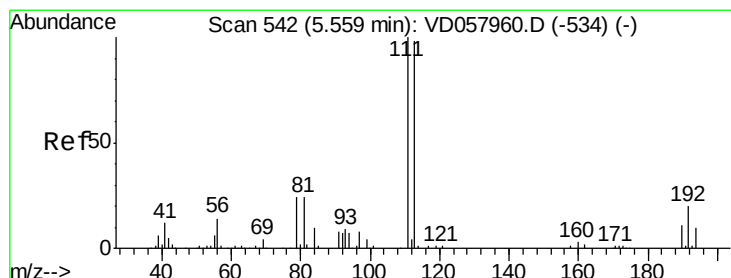
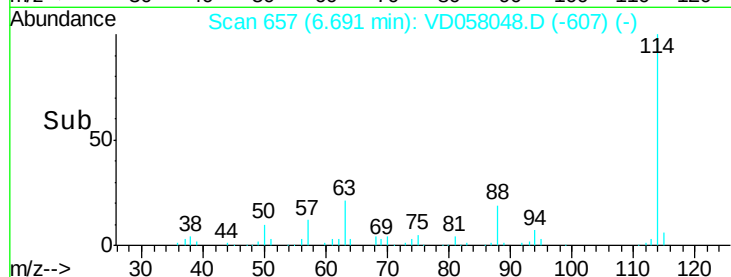
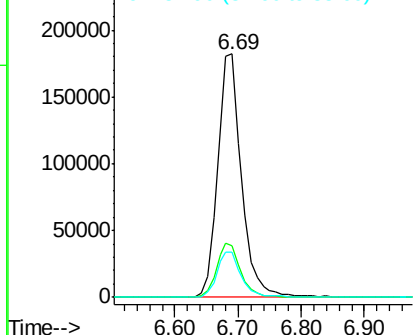
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058048.D
 Acq: 9 Jun 2018 7:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(70-72)

Tot Ion:114 Resp: 481764
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 18.8 0.0 37.8

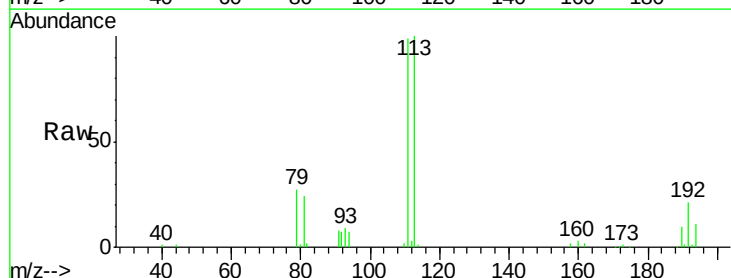


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

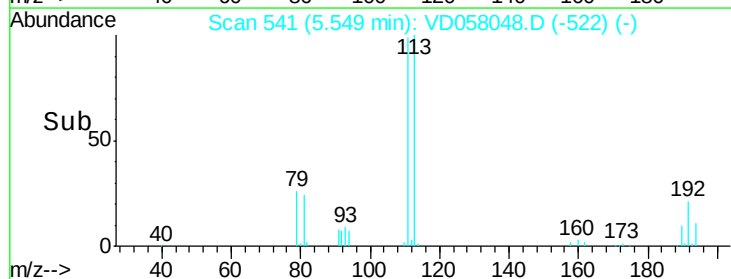
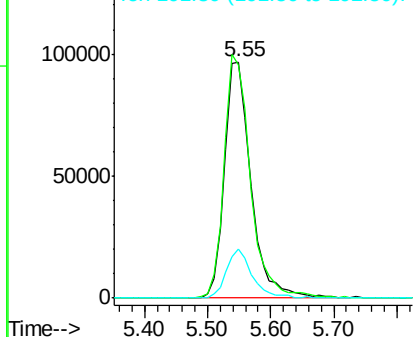


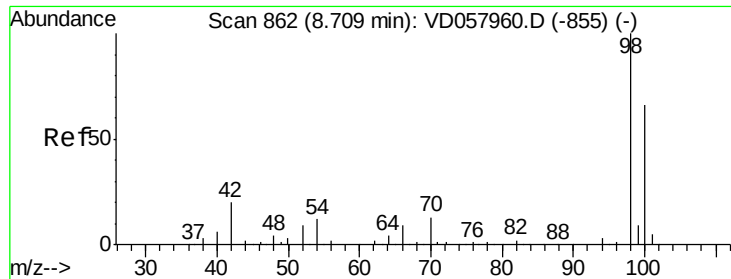
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD058048.D
 Acq: 9 Jun 2018 7:19

Tgt Ion:113 Resp: 282226
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.5 122.3
 192 20.8 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

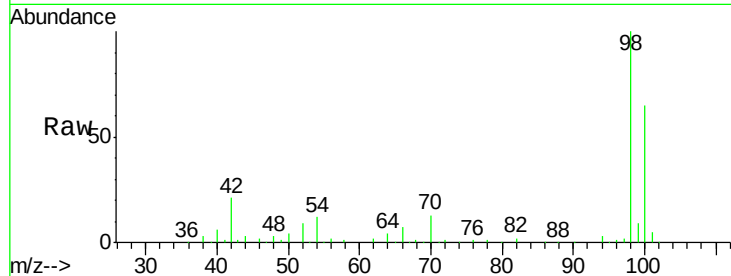




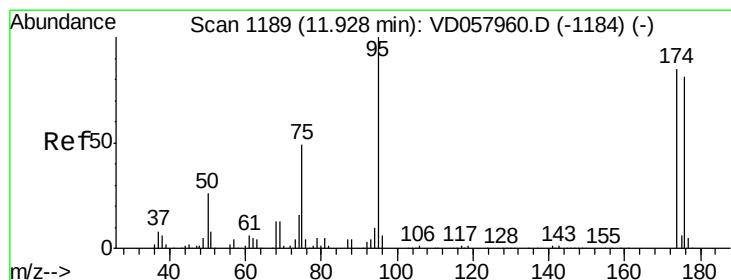
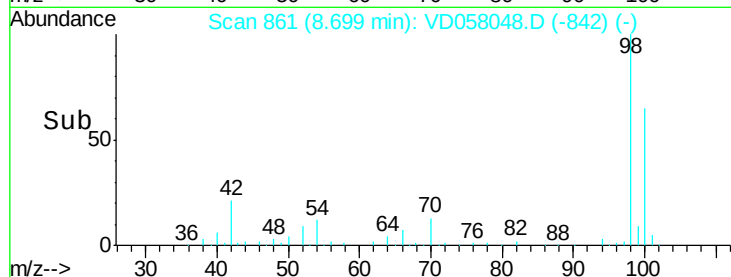
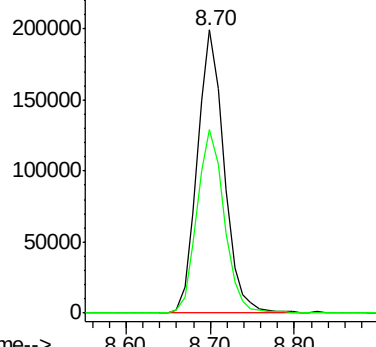
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(70-72)

Tot Ion: 98 Resp: 440511
Ion Ratio Lower Upper
98 100
100 64.8 53.4 80.0

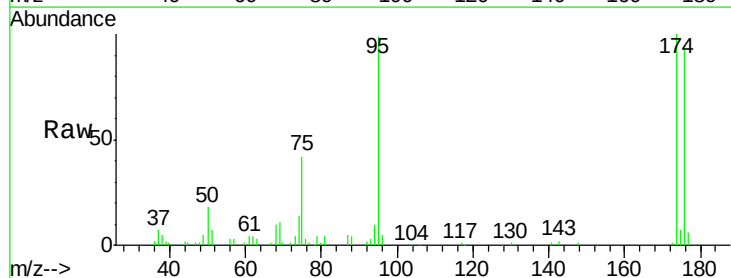


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

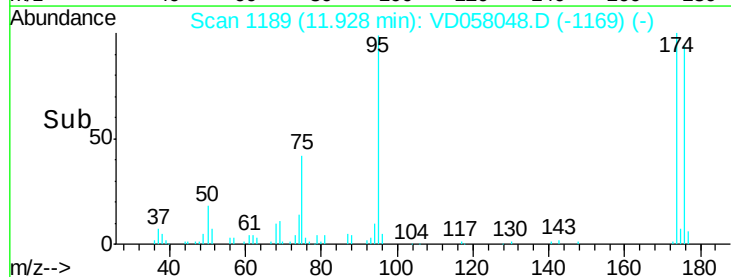
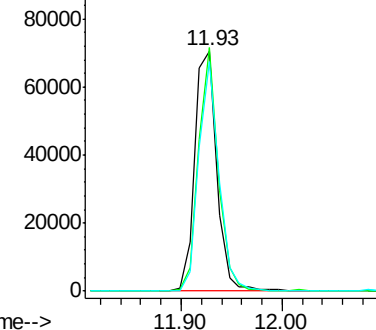


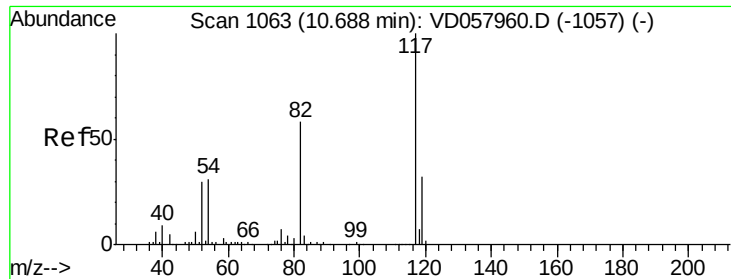
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

Tgt Ion: 95 Resp: 107239
Ion Ratio Lower Upper
95 100
174 101.4 0.0 169.4
176 95.6 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

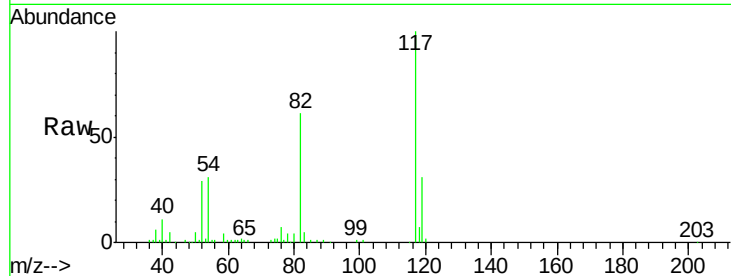




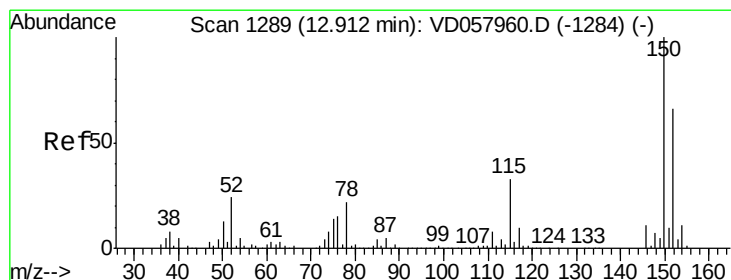
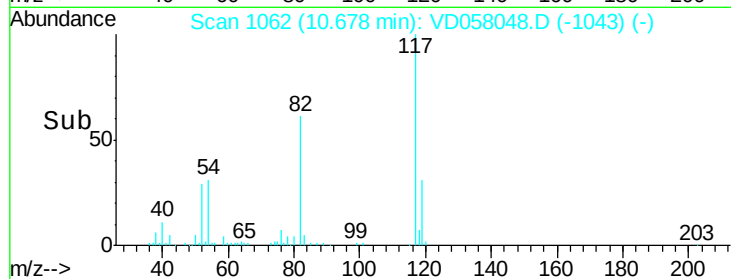
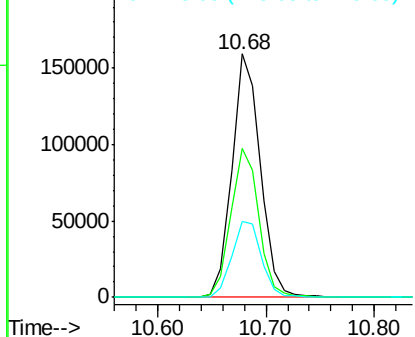
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

Instrument :
MSVOA_D
ClientSampleId :
EPE-109-1(70-72)

Tot Ion:117 Resp: 289730
Ion Ratio Lower Upper
117 100
82 61.3 46.8 70.2
119 31.2 25.8 38.6

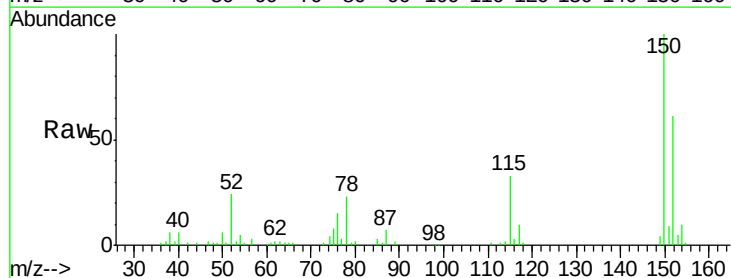


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058048.D
Acq: 9 Jun 2018 7:19

Tgt Ion:152 Resp: 53571
Ion Ratio Lower Upper
152 100
115 53.7 25.6 76.6
150 162.8 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

