

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058144.D
 Acq On : 14 Jun 2018 19:13
 Operator : VA/AP
 Sample : J3498-11
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-E-S

Quant Time: Jun 15 07:31:52 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

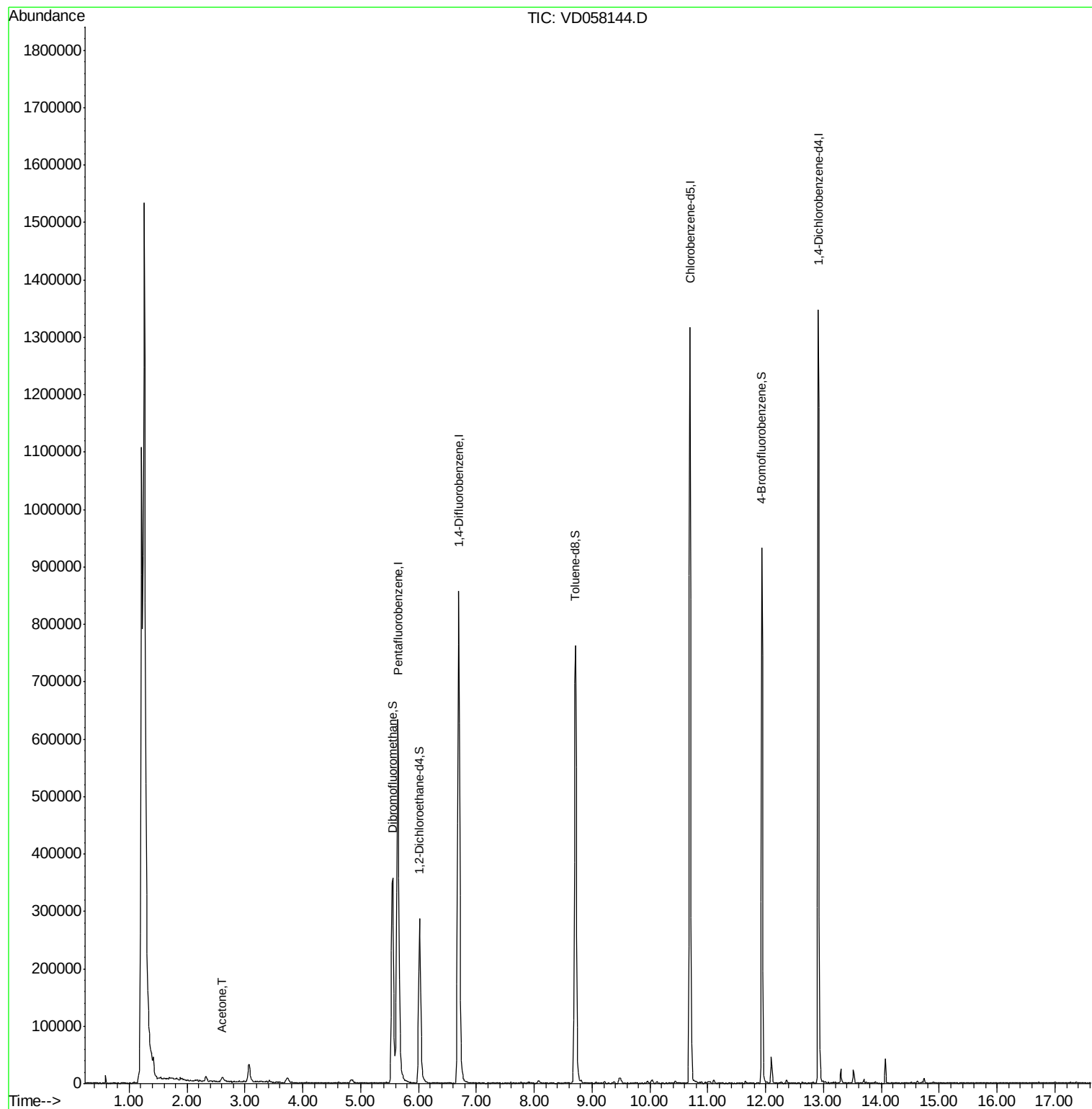
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	627499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	856767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	669867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	302999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	268786	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
35) Dibromofluoromethane	5.55	113	294167	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
50) Toluene-d8	8.71	98	606292	38.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.94%	
62) 4-Bromofluorobenzene	11.93	95	247772	36.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.08%	
Target Compounds						
16) Acetone	2.60	43	15860	17.548	ug/l	Qvalue 94

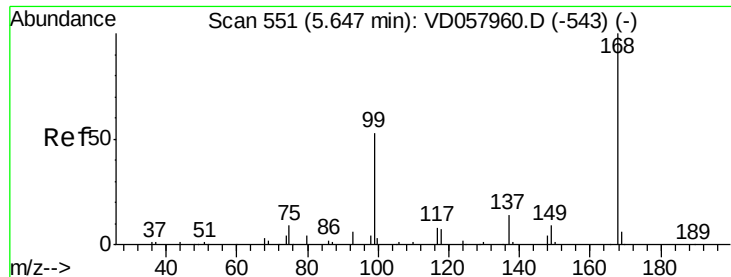
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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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: VD058144.D

Acq: 14 Jun 2018 19:13

Instrument :

MSVOA_D

ClientSampleId :

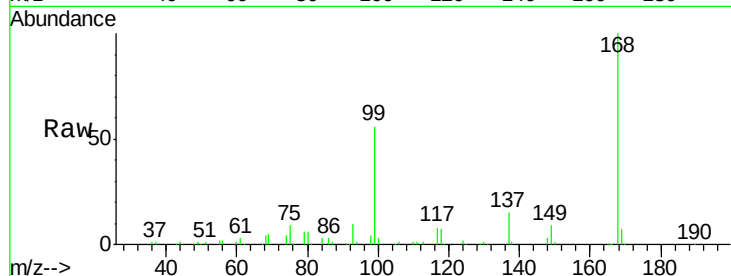
TP-E-S

Tot Ion:168 Resp: 627499

Ion Ratio Lower Upper

168 100

99 56.0 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

250000

200000

150000

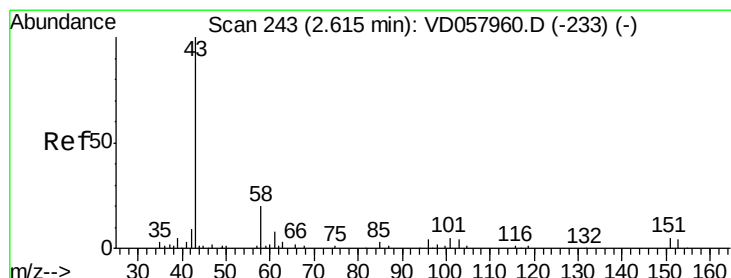
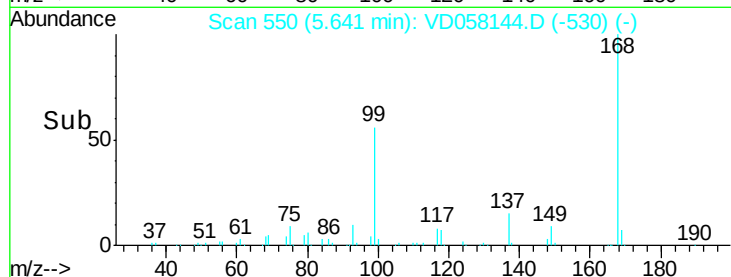
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.548 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058144.D

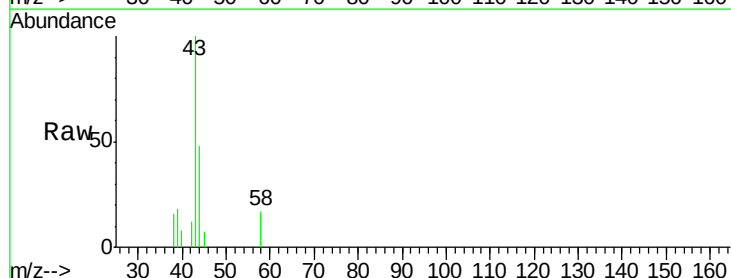
Acq: 14 Jun 2018 19:13

Tgt Ion: 43 Resp: 15860

Ion Ratio Lower Upper

43 100

58 16.9 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

5000

4000

3000

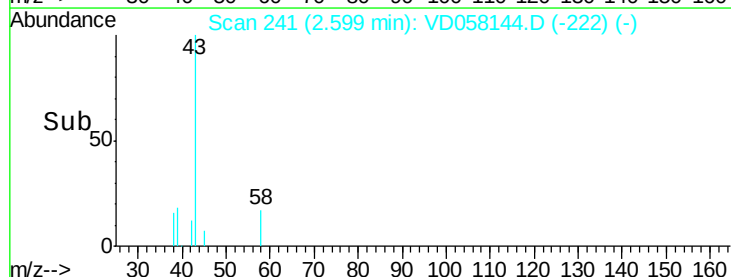
2000

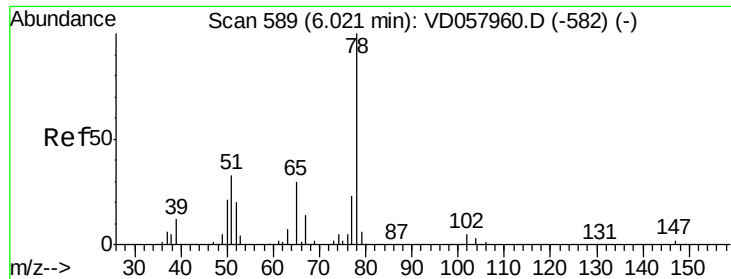
1000

0

Time-->

2.50 2.55 2.60 2.65 2.70

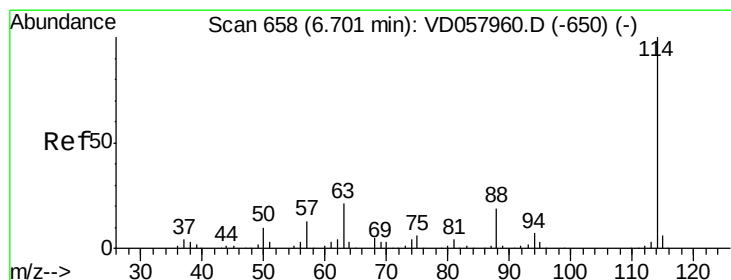
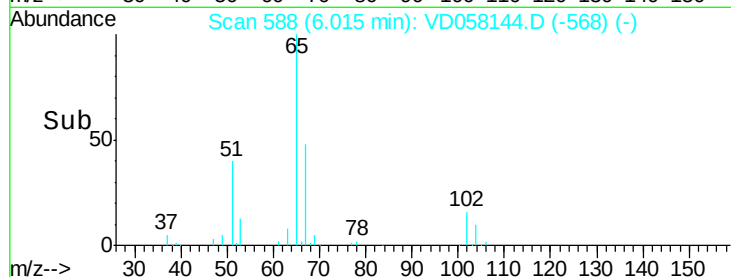
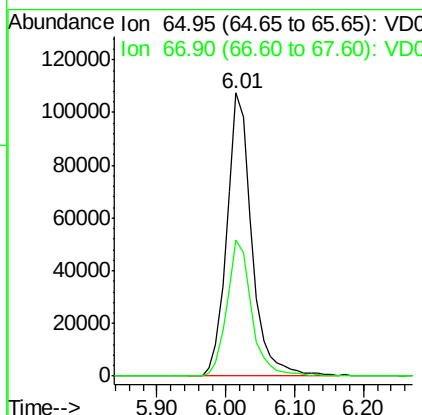
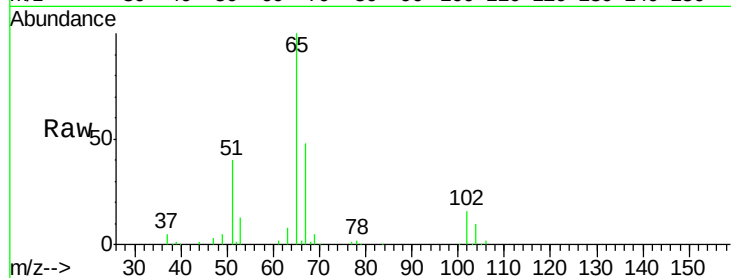




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD058144.D
 Acq: 14 Jun 2018 19:13

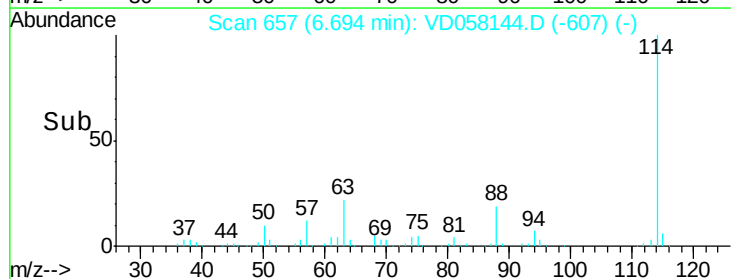
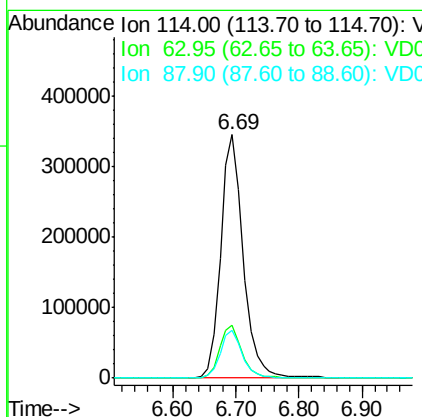
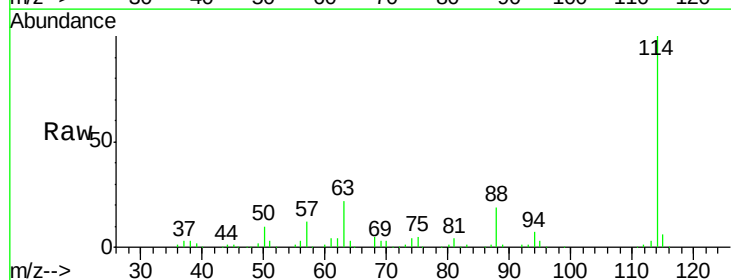
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-E-S

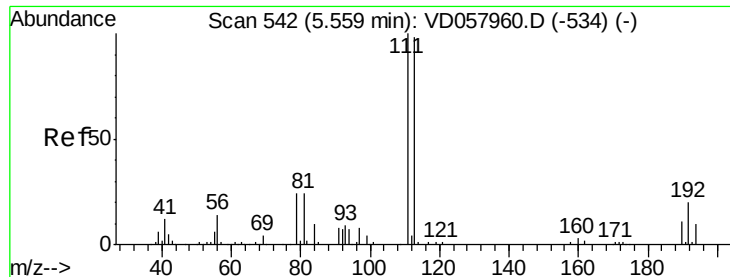
Tot Ion: 65 Resp: 268786
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058144.D
 Acq: 14 Jun 2018 19:13

Tgt Ion: 114 Resp: 856767
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 19.5 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: VD058144.D

Acq: 14 Jun 2018 19:13

Instrument :

MSVOA_D

ClientSampled :

TP-E-S

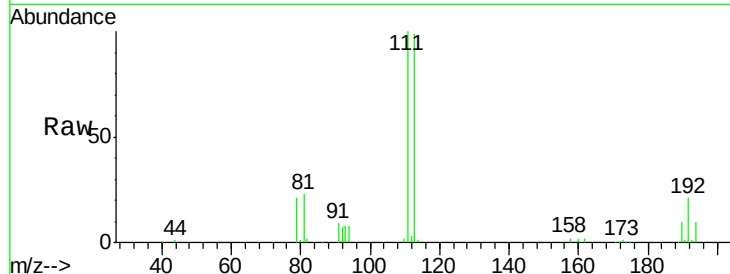
Tot Ion:113 Resp: 294167

Ion Ratio Lower Upper

113 100

111 100.6 81.5 122.3

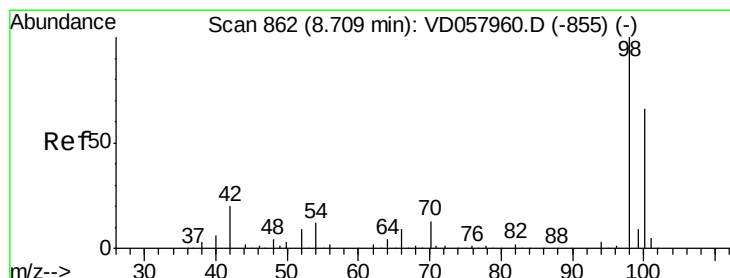
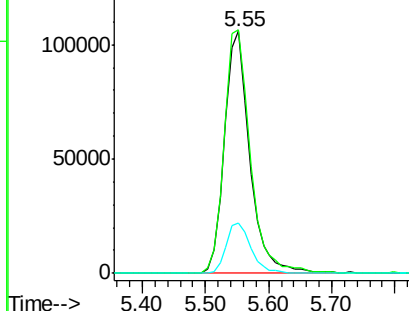
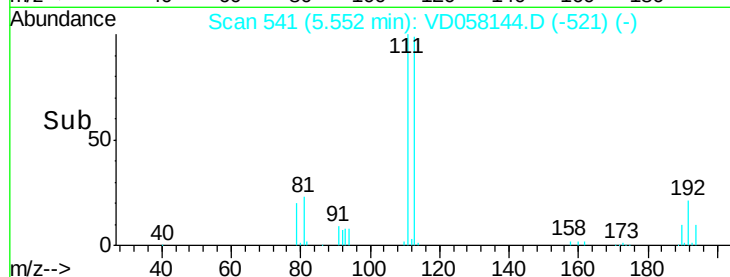
192 20.7 16.4 24.6



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: VD058144.D

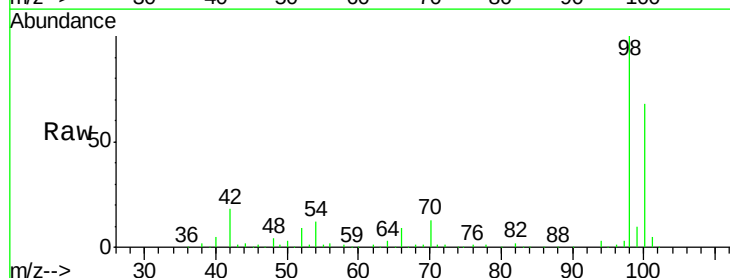
Acq: 14 Jun 2018 19:13

Tgt Ion: 98 Resp: 606292

Ion Ratio Lower Upper

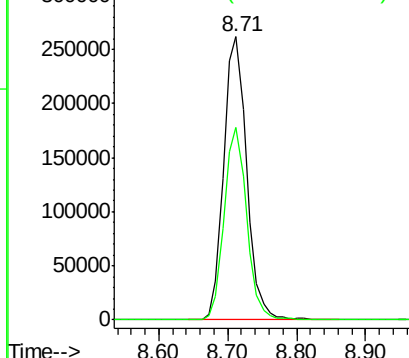
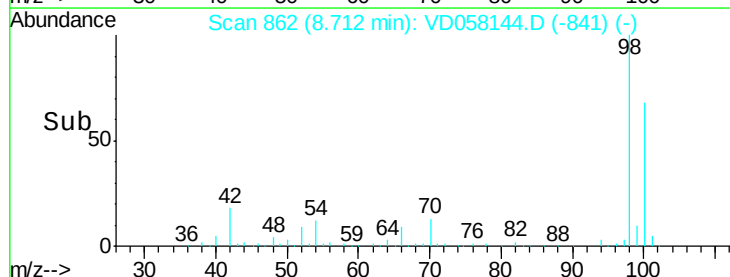
98 100

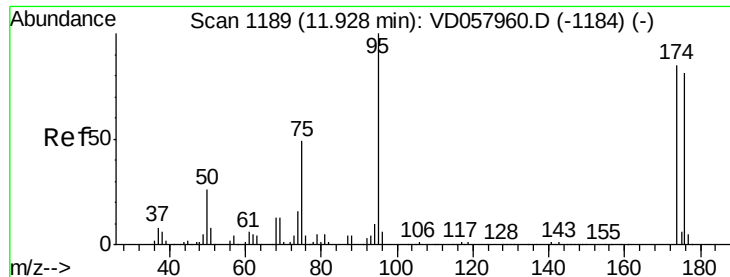
100 68.2 53.4 80.0



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: VD058144.D

Acq: 14 Jun 2018 19:13

Instrument :

MSVOA_D

ClientSampleId :

TP-E-S

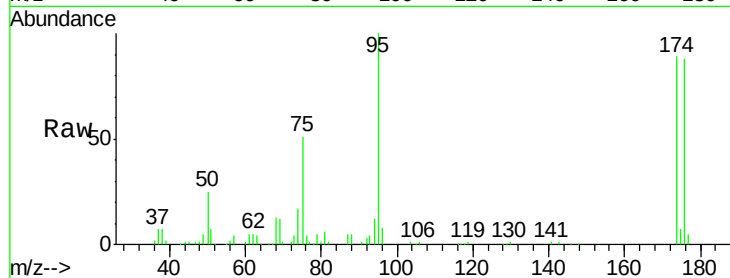
Tot Ion: 95 Resp: 247772

Ion Ratio Lower Upper

95 100

174 88.7 0.0 169.4

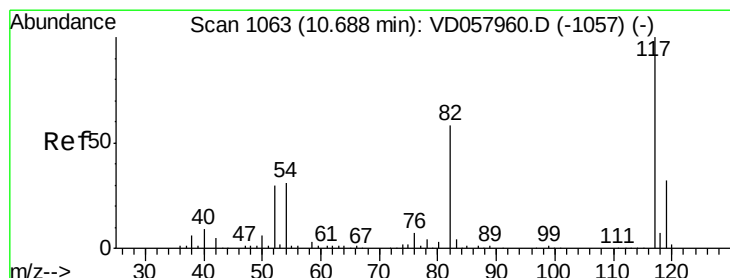
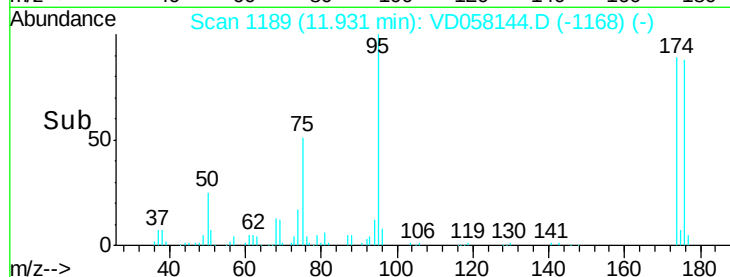
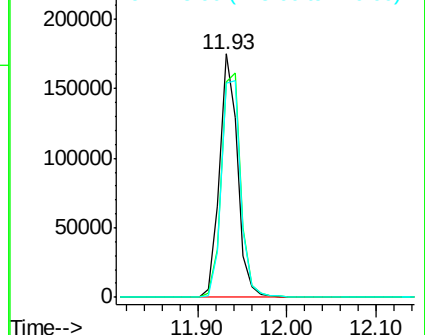
176 88.0 0.0 162.6



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: VD058144.D

Acq: 14 Jun 2018 19:13

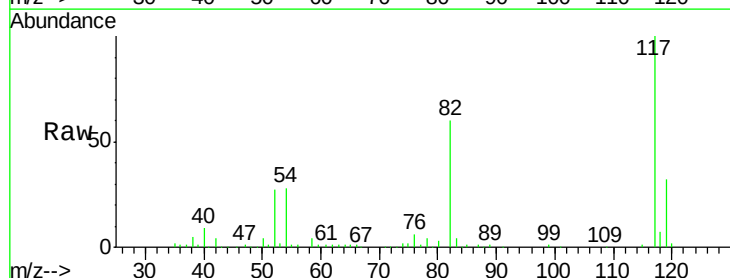
Tgt Ion: 117 Resp: 669867

Ion Ratio Lower Upper

117 100

82 59.5 46.8 70.2

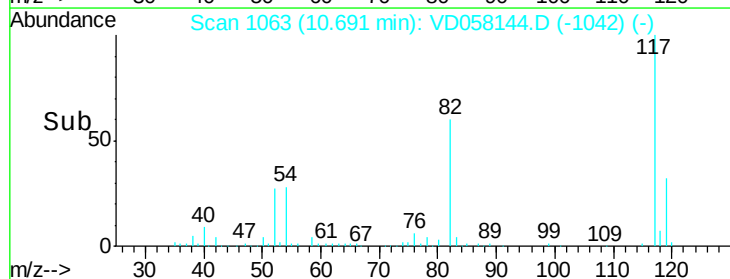
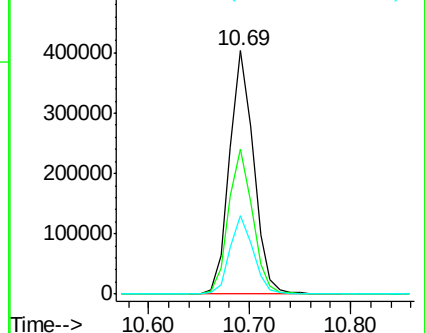
119 32.2 25.8 38.6

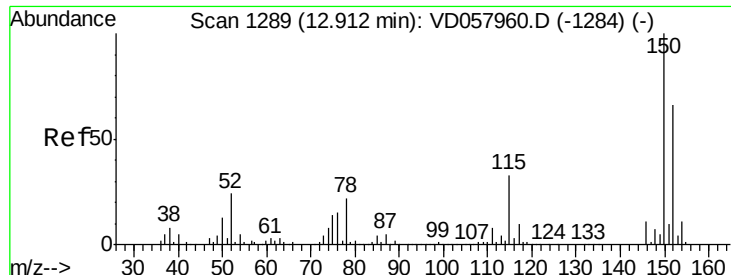


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

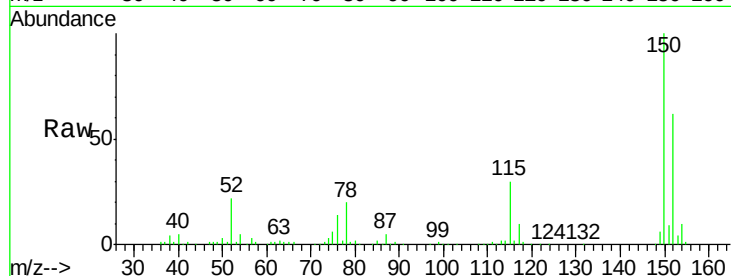




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.92 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD058144.D
 Acq: 14 Jun 2018 19:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-E-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.1	25.6	76.6
150	161.1	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

