

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058146.D
 Acq On : 14 Jun 2018 20:10
 Operator : VA/AP
 Sample : J3501-03
 Misc : 5.93g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-S

Quant Time: Jun 15 07:36:16 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

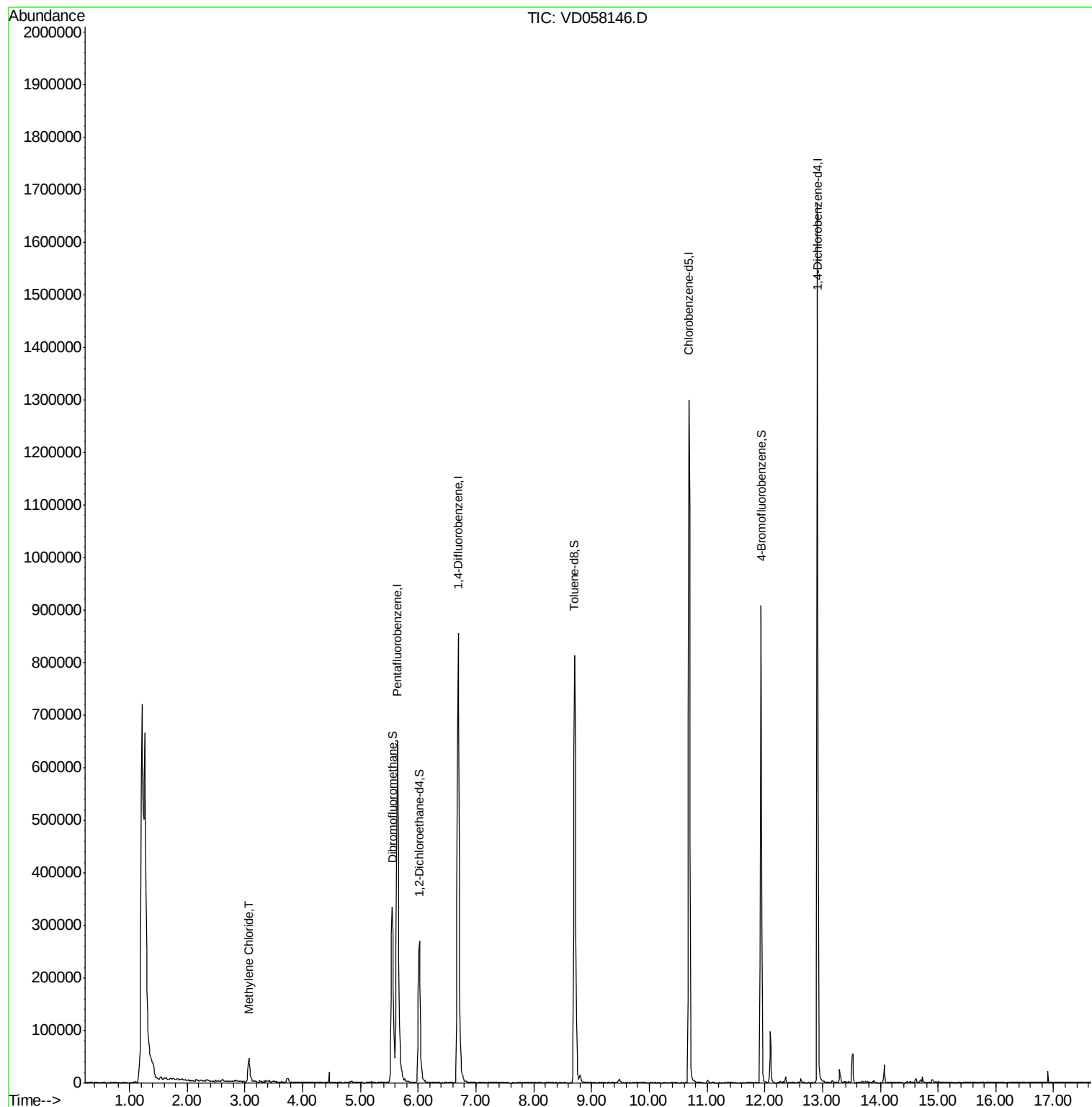
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	644241	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	843558	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	702644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	371103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	263093	40.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.70%	
35) Dibromofluoromethane	5.55	113	264456	40.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.04%	
50) Toluene-d8	8.71	98	607744	39.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.34%	
62) 4-Bromofluorobenzene	11.93	95	264445	39.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.14%	
Target Compounds						
20) Methylene Chloride	3.07	84	21136	1.737	ug/l	Qvalue 86

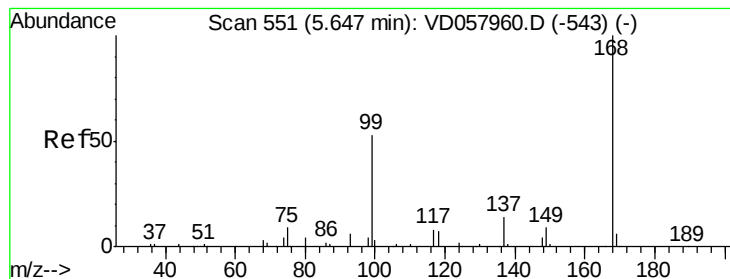
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
Data File : VD058146.D
Acq On : 14 Jun 2018 20:10
Operator : VA/AP
Sample : J3501-03
Misc : 5.93a/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-10-S

Quant Time: Jun 15 07:36:16 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: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058146.D

Acq: 14 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

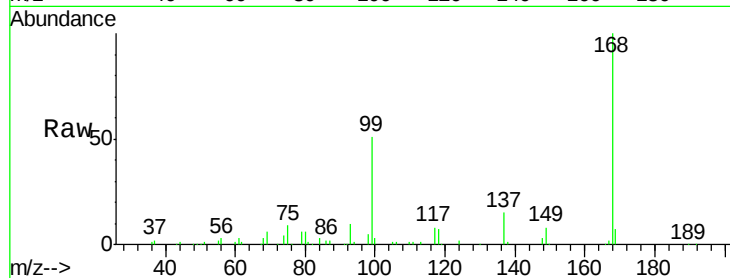
TP-10-S

Tot Ion:168 Resp: 644241

Ion Ratio Lower Upper

168 100

99 51.2 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

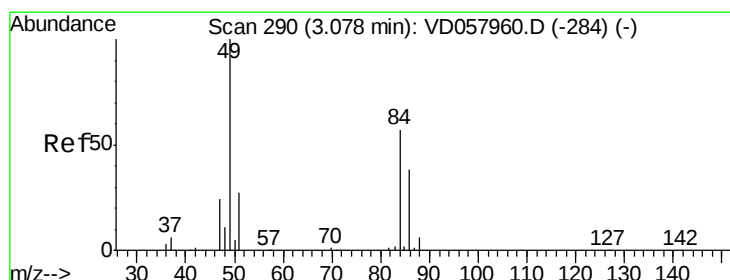
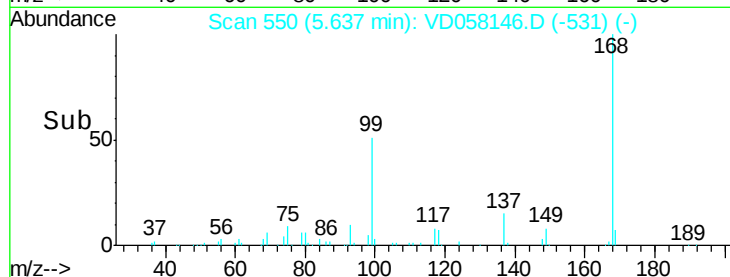
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.737 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD058146.D

Acq: 14 Jun 2018 20:10

Tgt Ion: 84 Resp: 21136

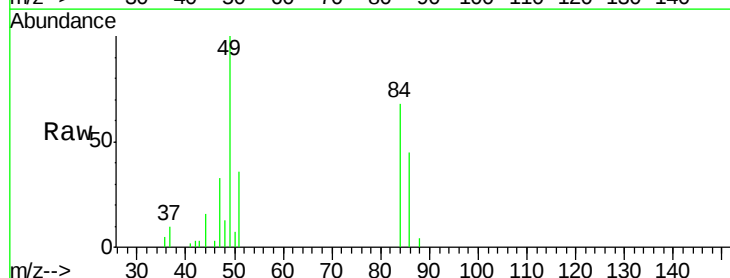
Ion Ratio Lower Upper

84 100

49 147.4 141.4 212.0

51 52.8 38.3 57.5

86 67.0 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

20000

15000

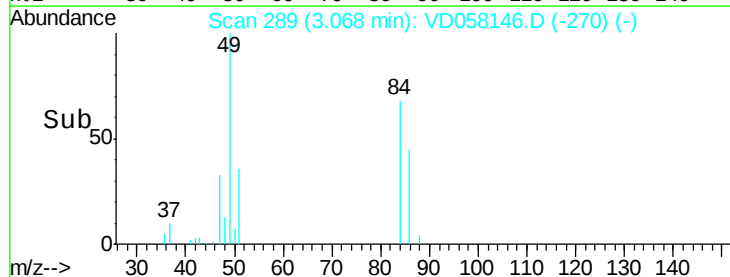
10000

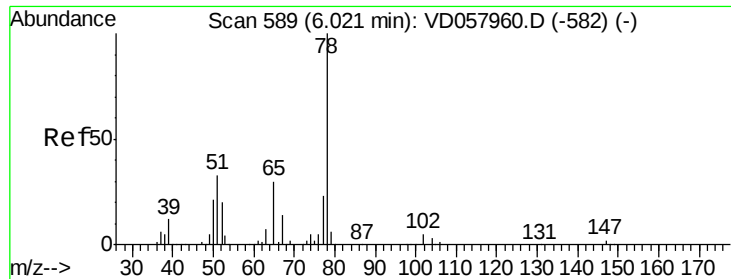
5000

0

Time-->

3.00 3.05 3.10 3.15





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058146.D

Acq: 14 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampled :

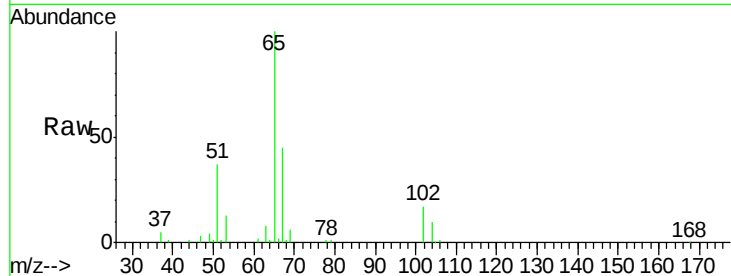
TP-10-S

Tot Ion: 65 Resp: 263093

Ion Ratio Lower Upper

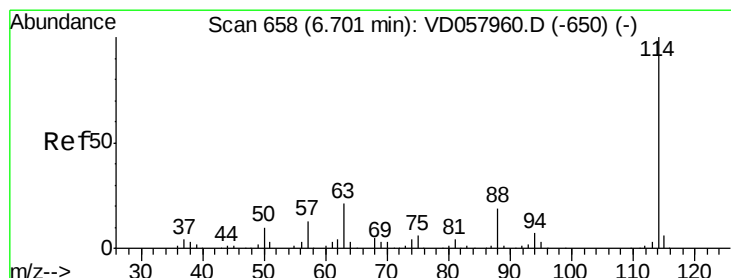
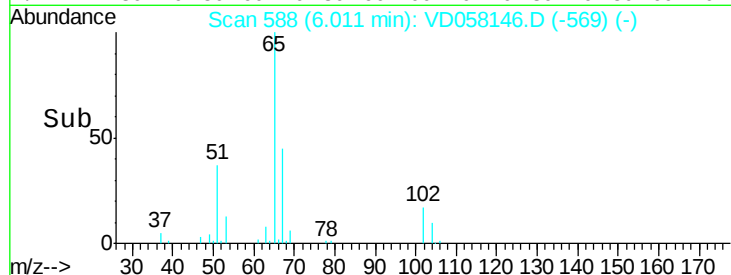
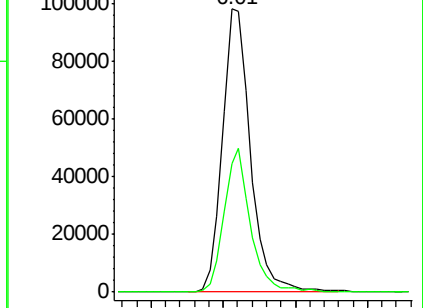
65 100

67 45.4 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: VD058146.D

Acq: 14 Jun 2018 20:10

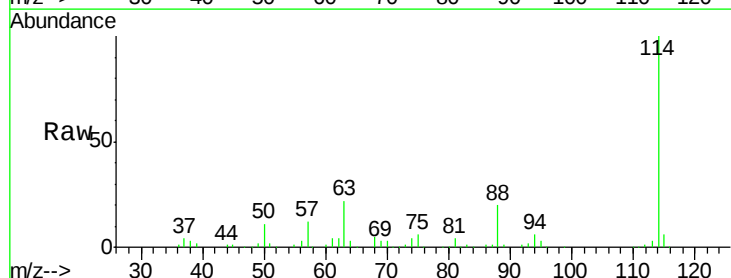
Tgt Ion: 114 Resp: 843558

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

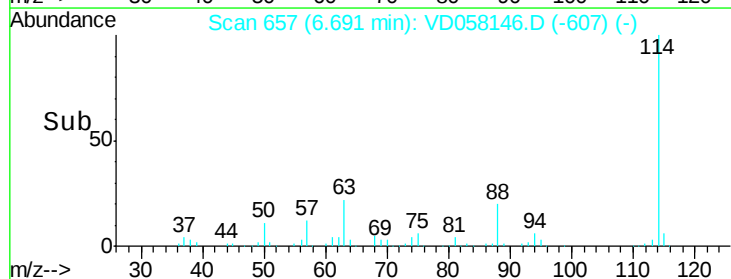
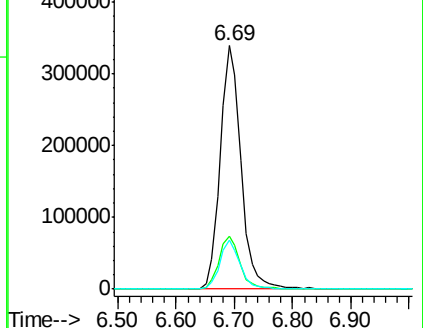
88 19.9 0.0 37.8

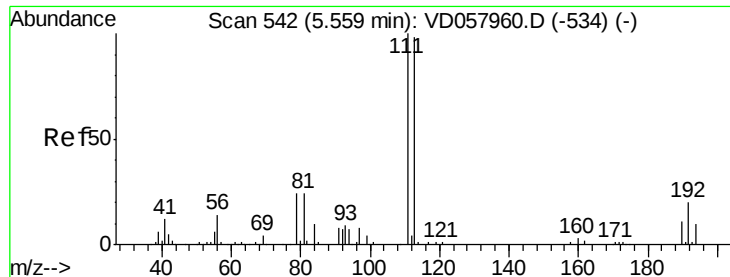


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058146.D

Acq: 14 Jun 2018 20:10

Instrument :
MSVOA_D
ClientSampleId :
TP-10-S

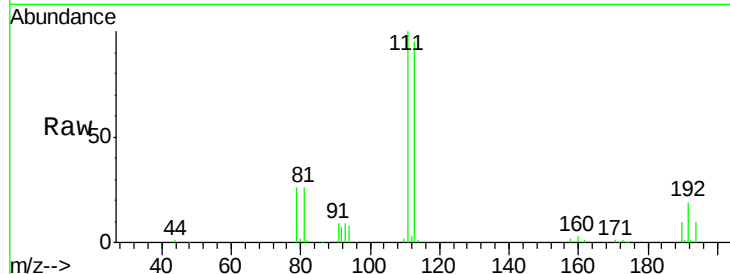
Tot Ion:113 Resp: 264456

Ion Ratio Lower Upper

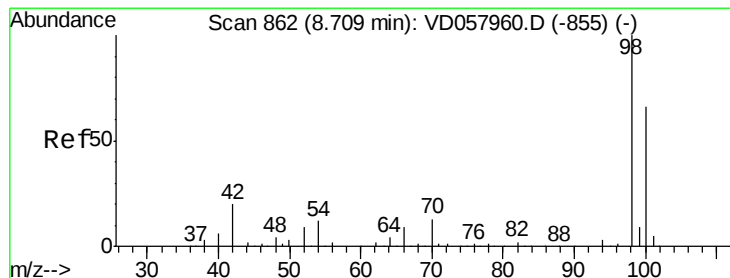
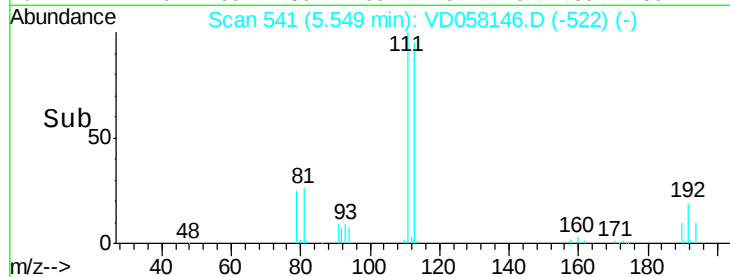
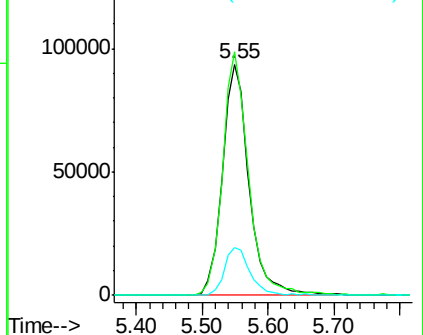
113 100

111 105.5 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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058146.D

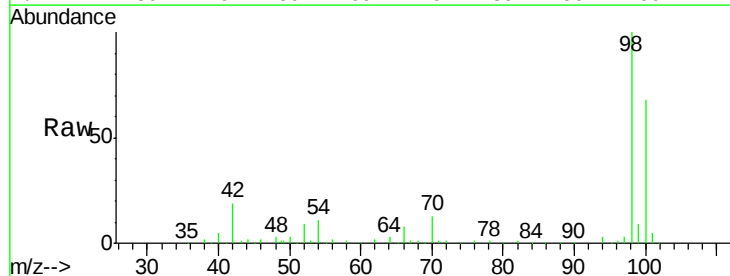
Acq: 14 Jun 2018 20:10

Tgt Ion: 98 Resp: 607744

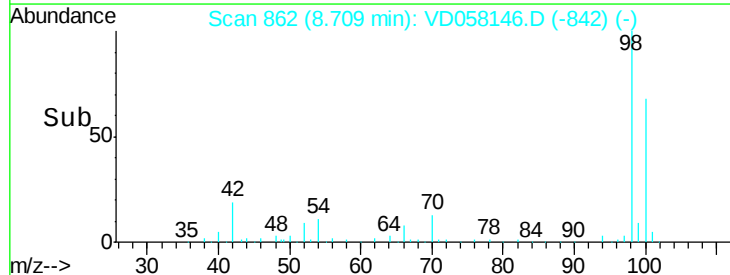
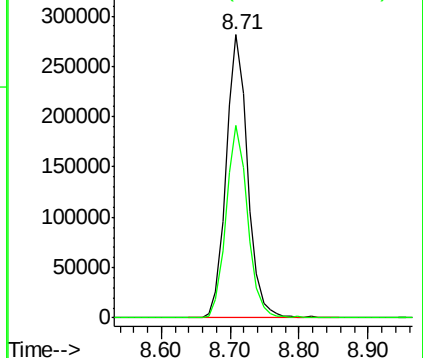
Ion Ratio Lower Upper

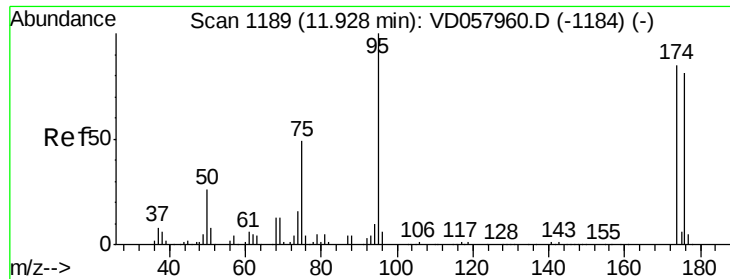
98 100

100 68.0 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: VD058146.D

Acq: 14 Jun 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

TP-10-S

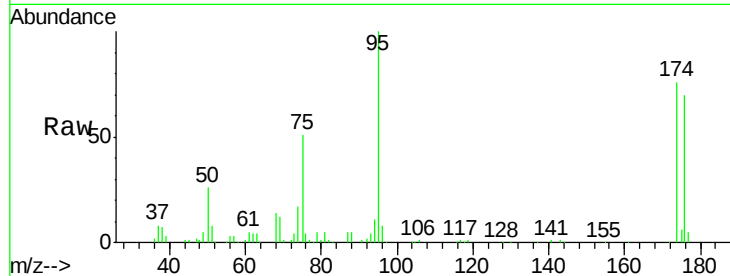
Tot Ion: 95 Resp: 264445

Ion Ratio Lower Upper

95 100

174 75.9 0.0 169.4

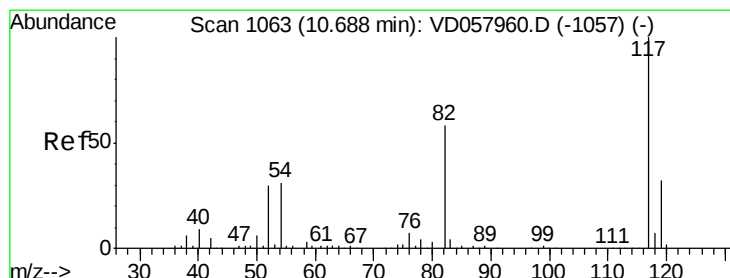
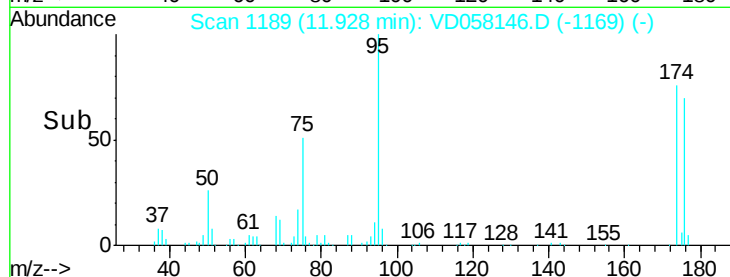
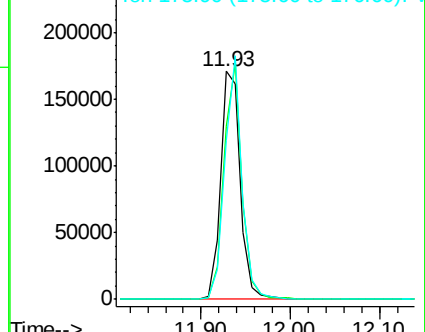
176 69.9 0.0 162.6



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: VD058146.D

Acq: 14 Jun 2018 20:10

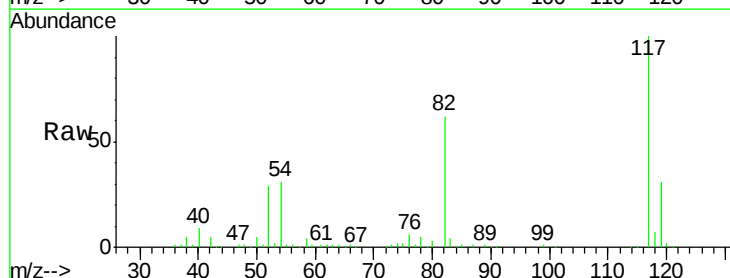
Tgt Ion: 117 Resp: 702644

Ion Ratio Lower Upper

117 100

82 61.8 46.8 70.2

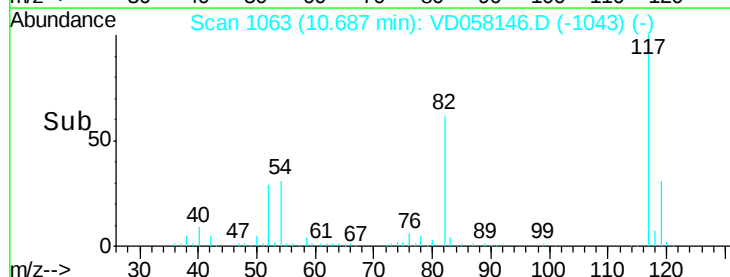
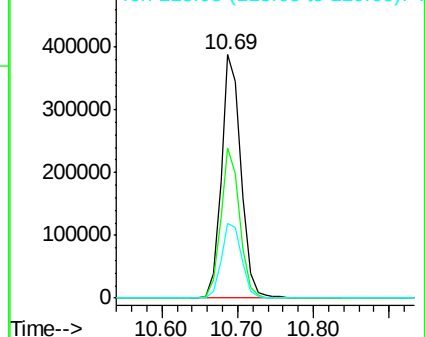
119 30.9 25.8 38.6

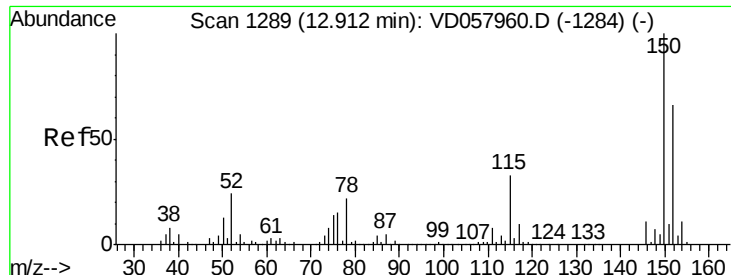


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

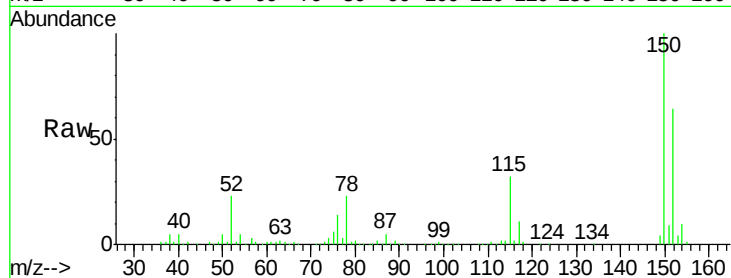




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VD058146.D
 Acq: 14 Jun 2018 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-S

Tot Ion:152 Resp: 371103
 Ion Ratio Lower Upper
 152 100
 115 49.8 25.6 76.6
 150 155.9 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

