

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058147.D
 Acq On : 14 Jun 2018 20:38
 Operator : VA/AP
 Sample : J3501-07
 Misc : 7.48g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-D

Quant Time: Jun 15 07:38:45 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

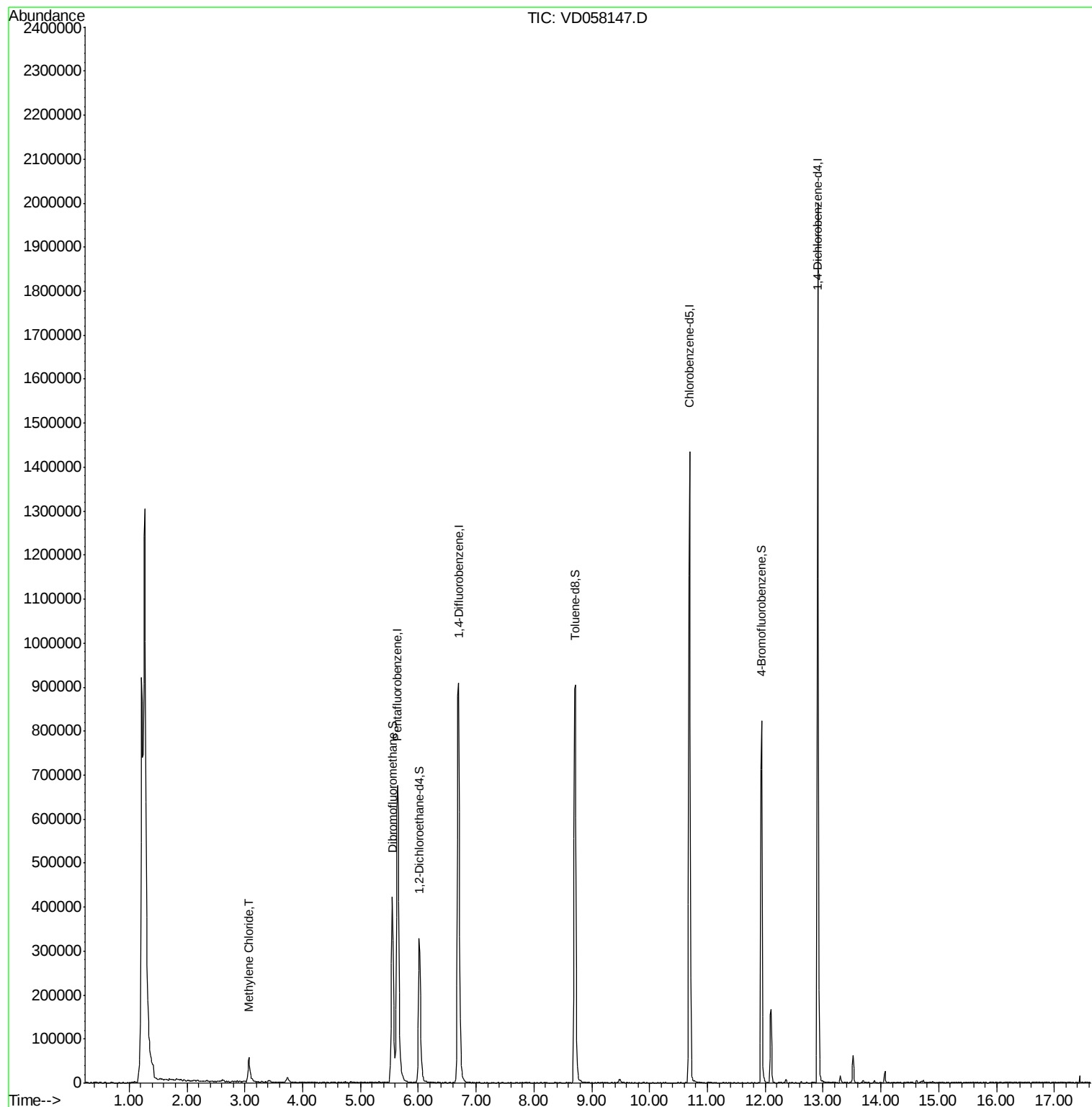
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	704501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	930529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	750415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	414697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	328690	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	5.55	113	337788	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	739478	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
62) 4-Bromofluorobenzene	11.92	95	228222	30.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.12%	
Target Compounds						
20) Methylene Chloride	3.07	84	26010	3.277	ug/l #	Qvalue 96

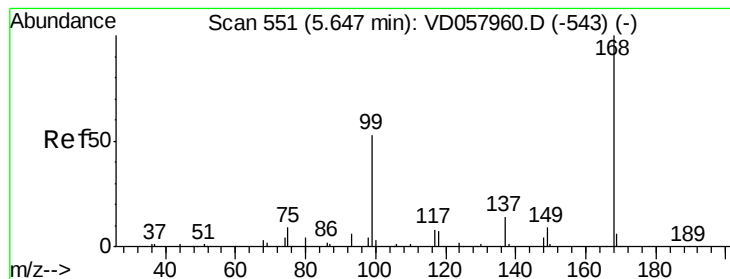
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

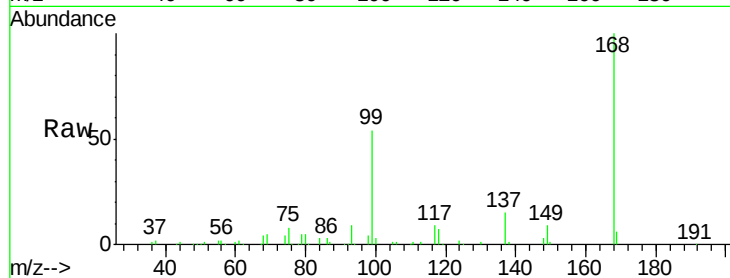
TP-10-D

Tot Ion:168 Resp: 704501

Ion Ratio Lower Upper

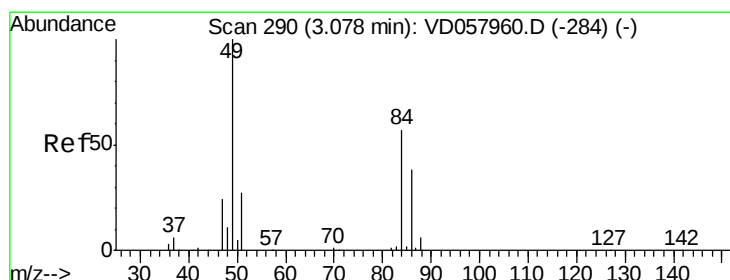
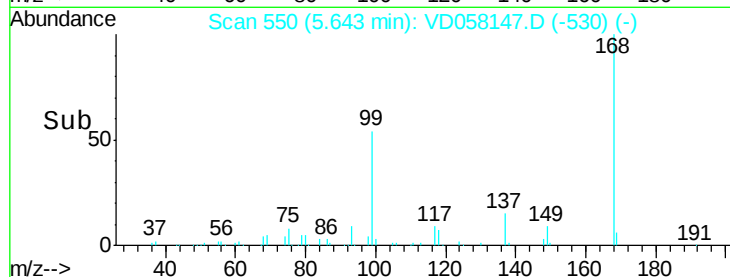
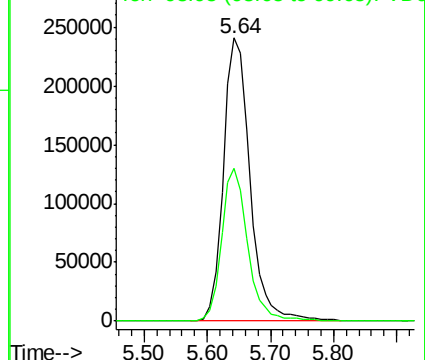
168 100

99 54.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.277 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Tgt Ion: 84 Resp: 26010

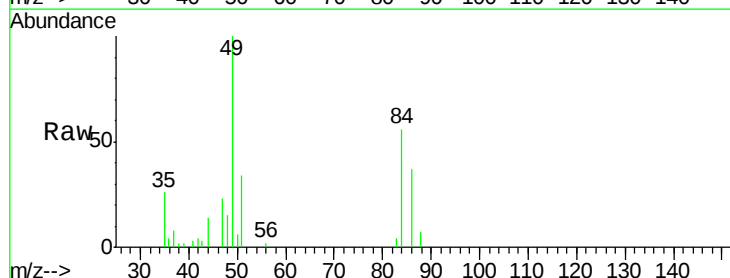
Ion Ratio Lower Upper

84 100

49 177.3 141.4 212.0

51 60.7 38.3 57.5#

86 65.4 52.9 79.3

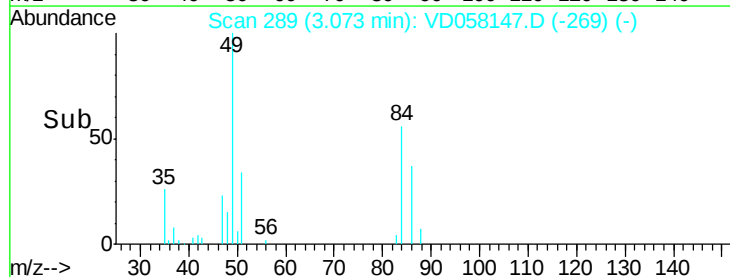
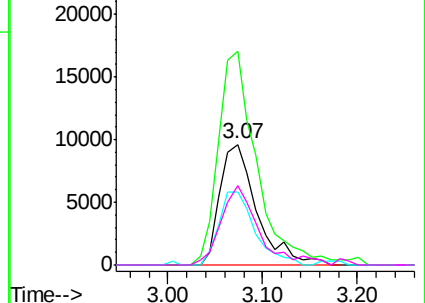


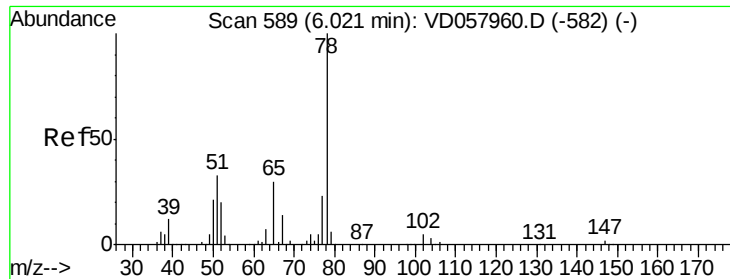
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.02 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

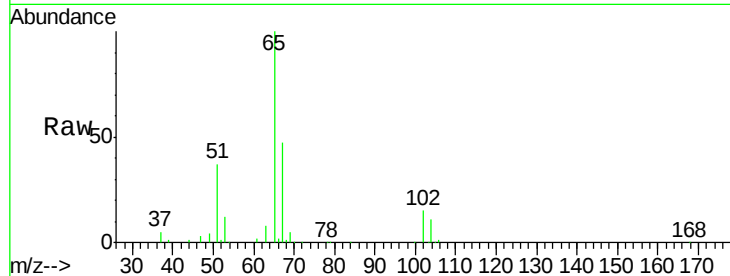
TP-10-D

Tot Ion: 65 Resp: 328690

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

6.02

150000

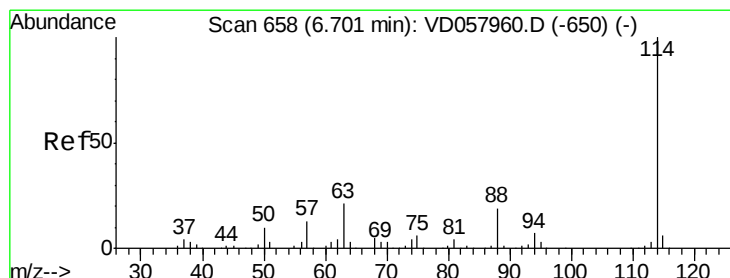
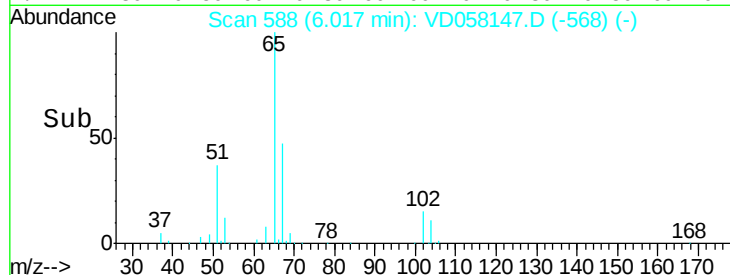
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

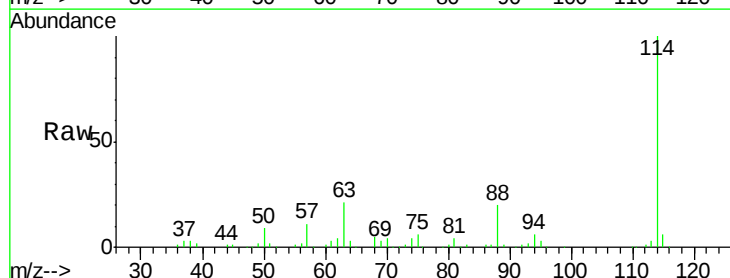
Tgt Ion: 114 Resp: 930529

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 19.6 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

6.70

500000

400000

300000

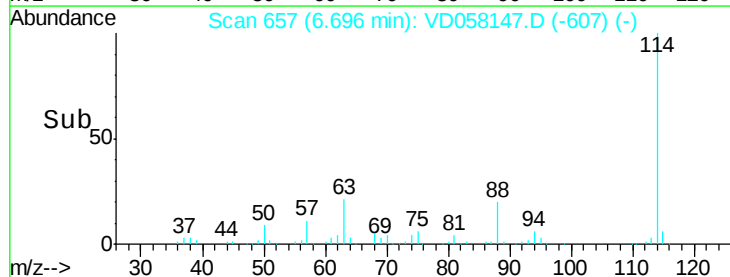
200000

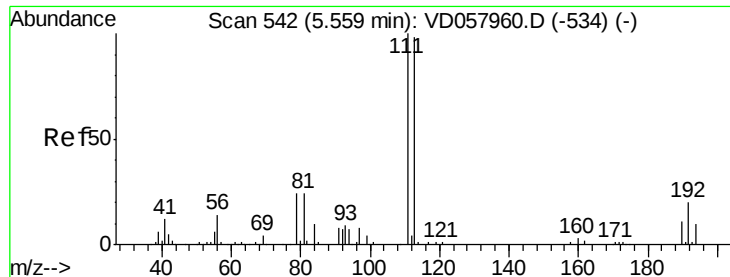
100000

0

Time-->

6.60 6.80 7.00





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

TP-10-D

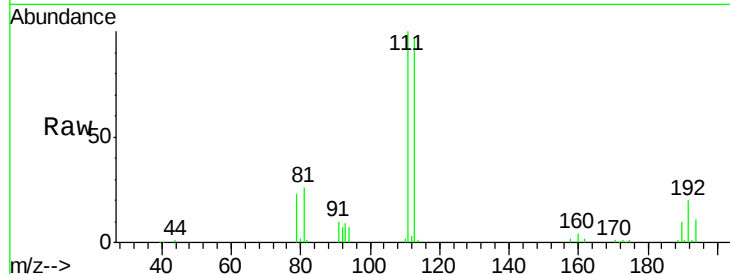
Tot Ion:113 Resp: 337788

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

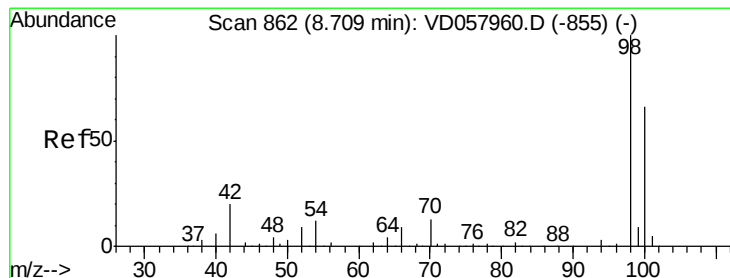
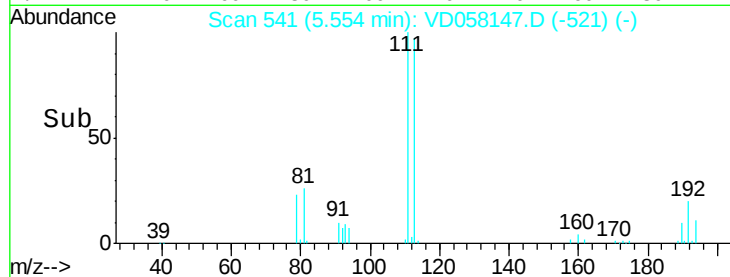
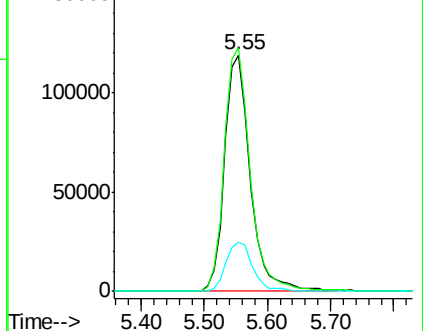
192 20.8 16.4 24.6



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: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058147.D

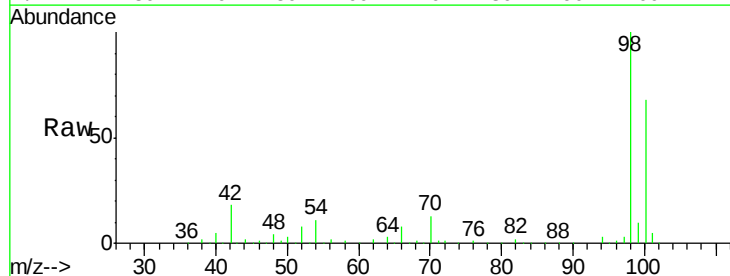
Acq: 14 Jun 2018 20:38

Tgt Ion: 98 Resp: 739478

Ion Ratio Lower Upper

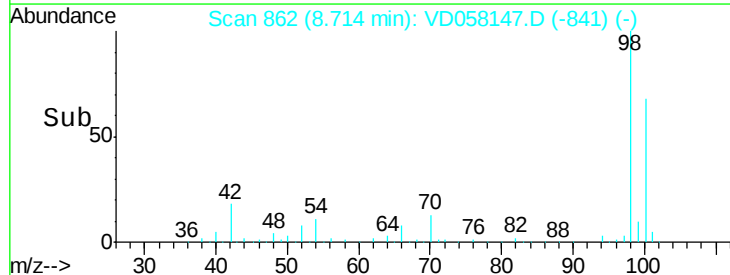
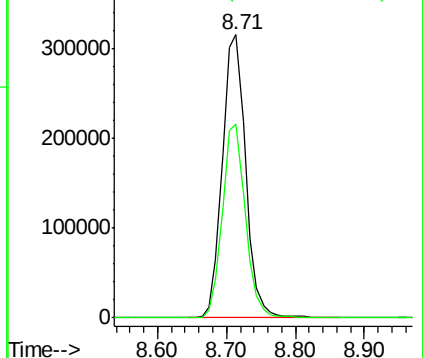
98 100

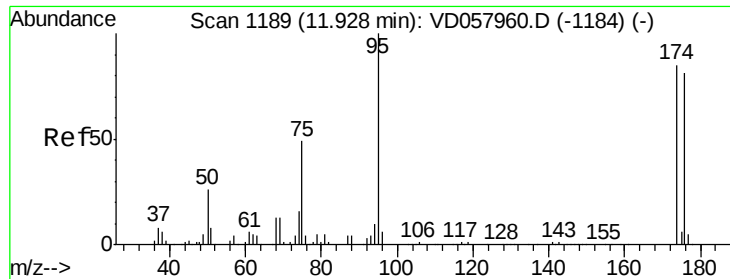
100 68.3 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

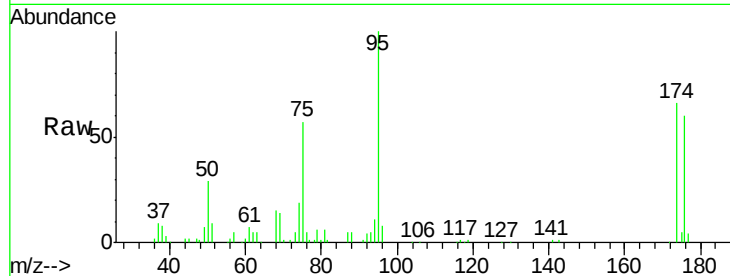




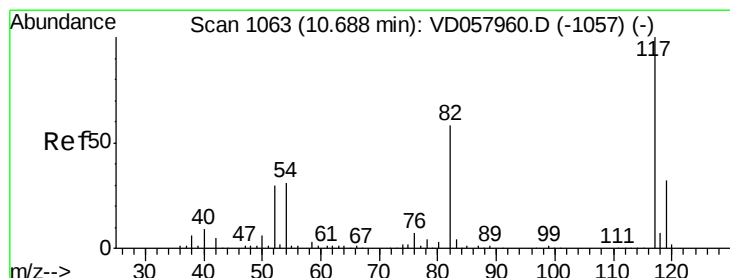
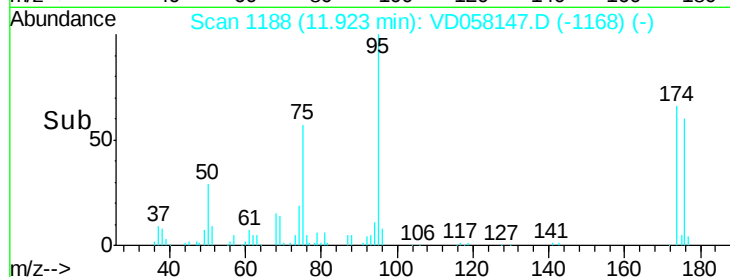
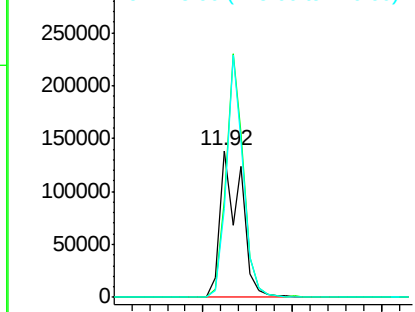
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Instrument :
MSVOA_D
ClientSampleId :
TP-10-D

Tot Ion: 95 Resp: 228222
Ion Ratio Lower Upper
95 100
174 65.6 0.0 169.4
176 60.1 0.0 162.6

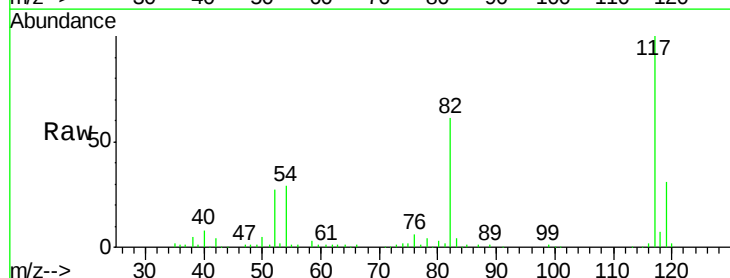


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

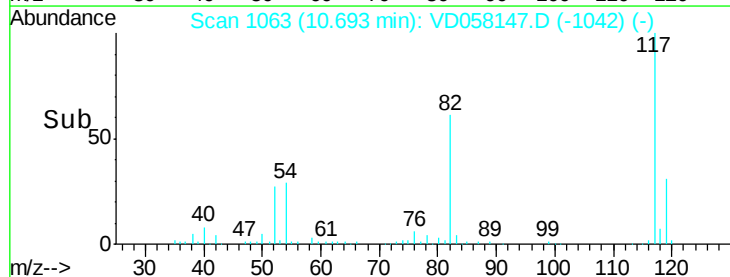
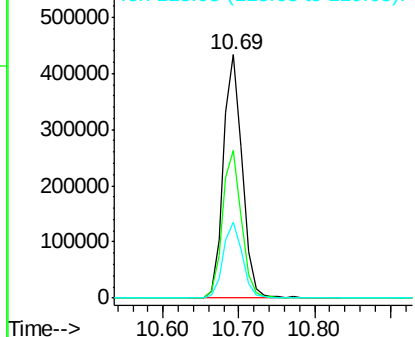


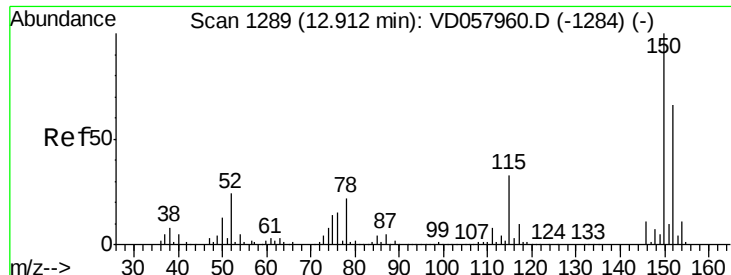
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Tgt Ion: 117 Resp: 750415
Ion Ratio Lower Upper
117 100
82 60.8 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

TP-10-D

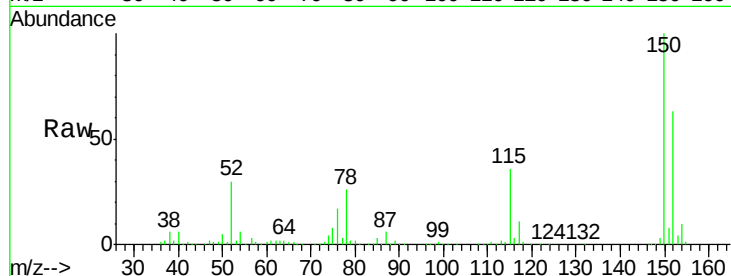
Tot Ion:152 Resp: 414697

Ion Ratio Lower Upper

152 100

115 56.6 25.6 76.6

150 158.3 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

