

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058149.D
 Acq On : 14 Jun 2018 21:34
 Operator : VA/AP
 Sample : J3241-07
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-A

Quant Time: Jun 15 07:42:33 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

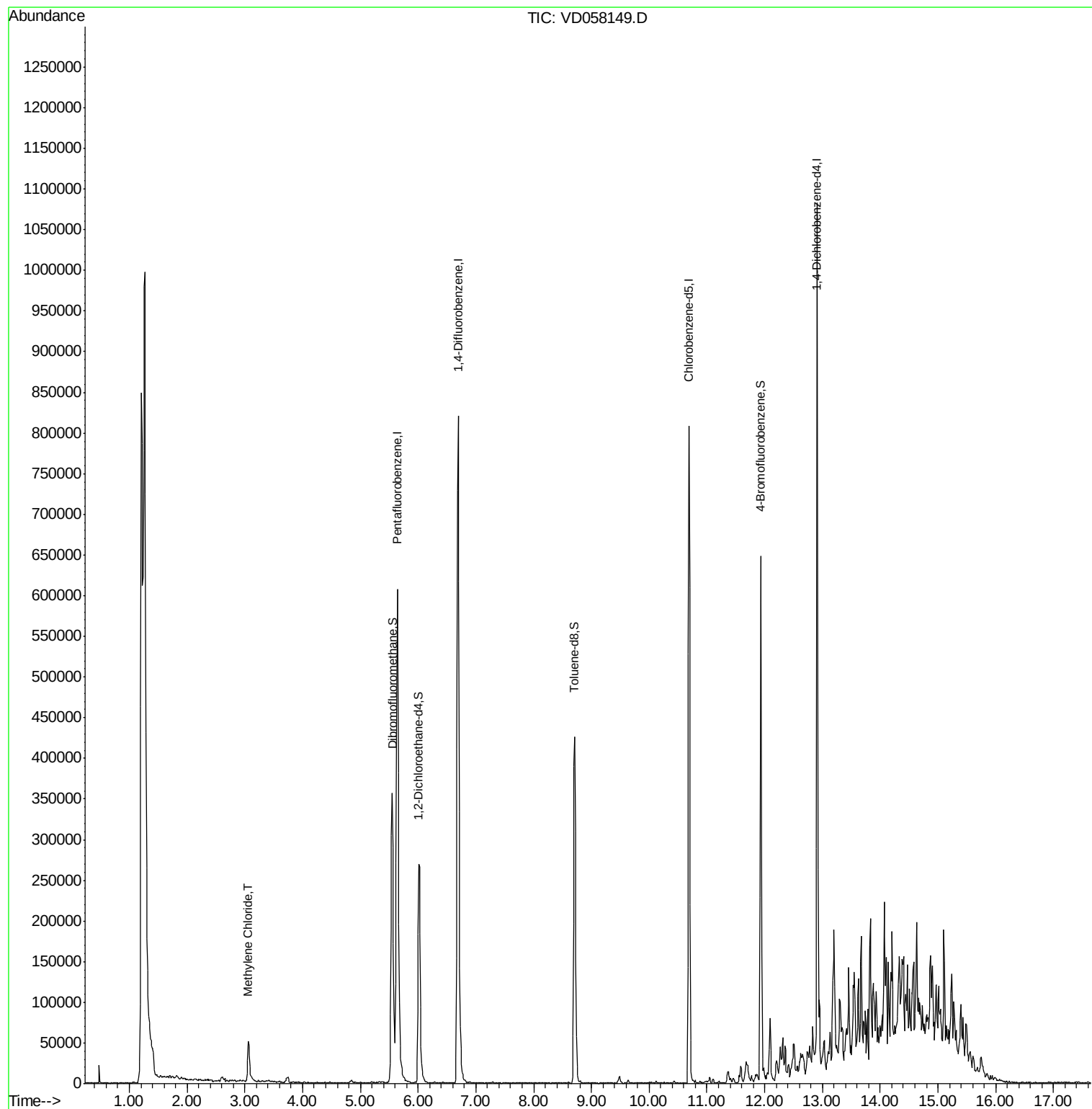
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	605351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	818483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	433466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	248012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	274008	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
35) Dibromofluoromethane	5.55	113	276645	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
50) Toluene-d8	8.71	98	337404	22.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.82%	
62) 4-Bromofluorobenzene	11.93	95	182753	27.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.66%	
Target Compounds						
20) Methylene Chloride	3.07	84	21232	2.589	ug/l #	90

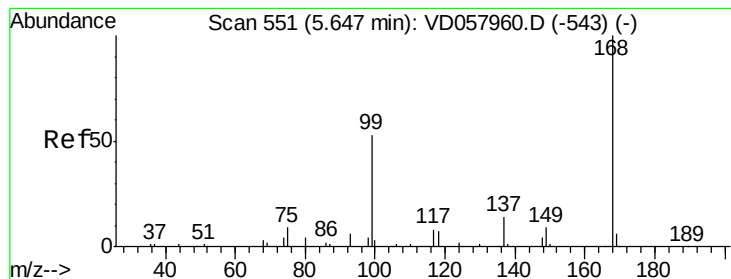
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058149.D

Acq: 14 Jun 2018 21:34

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MSVOA_D

ClientSampleId :

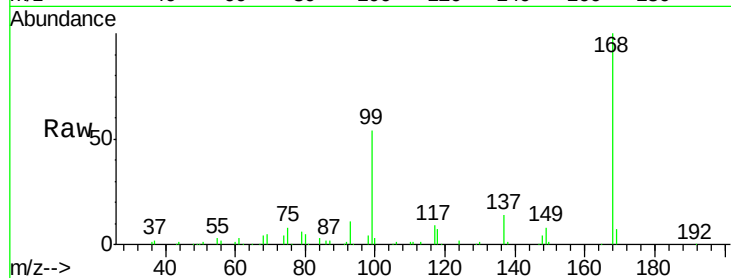
HR-05-061318-A

Tot Ion:168 Resp: 605351

Ion Ratio Lower Upper

168 100

99 53.9 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

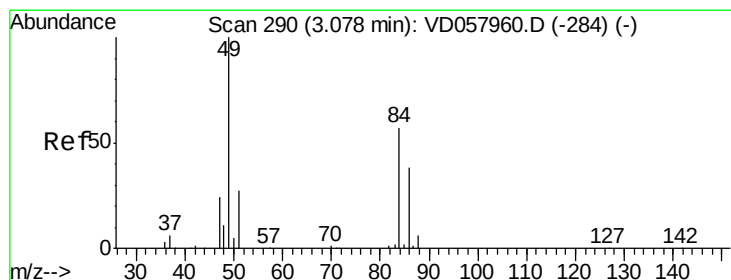
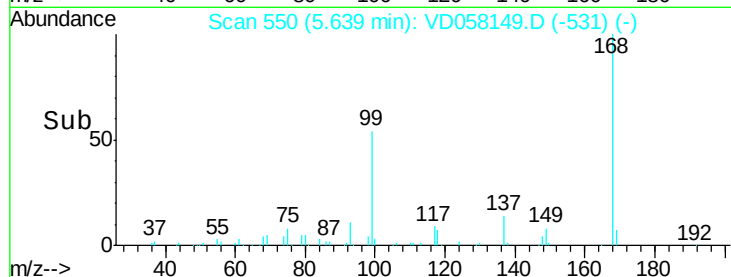
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.589 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD058149.D

Acq: 14 Jun 2018 21:34

Tgt Ion: 84 Resp: 21232

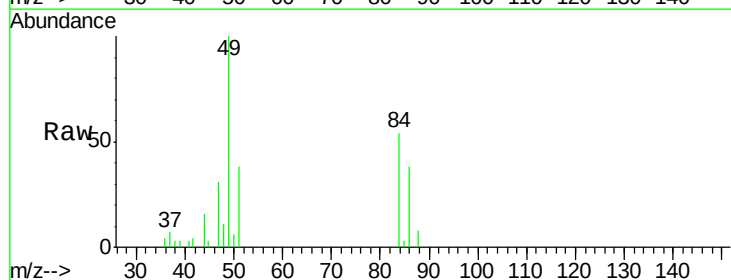
Ion Ratio Lower Upper

84 100

49 183.8 141.4 212.0

51 70.1 38.3 57.5#

86 69.7 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

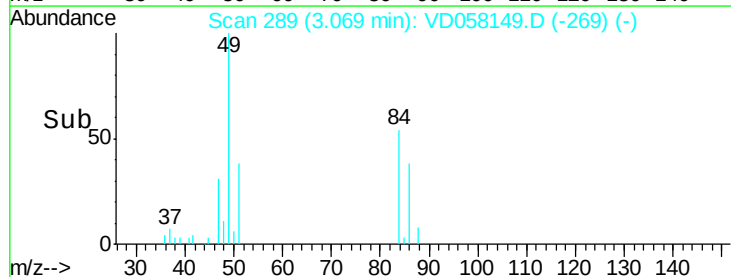
10000

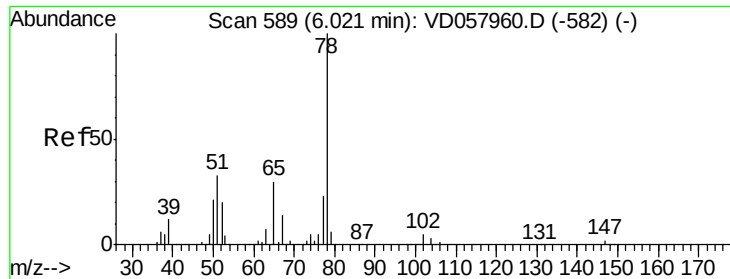
5000

0

Time-->

3.00 3.10 3.20

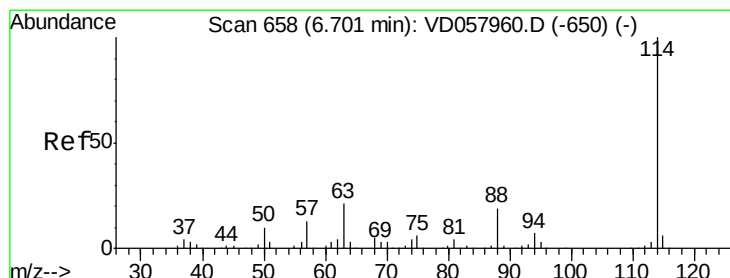
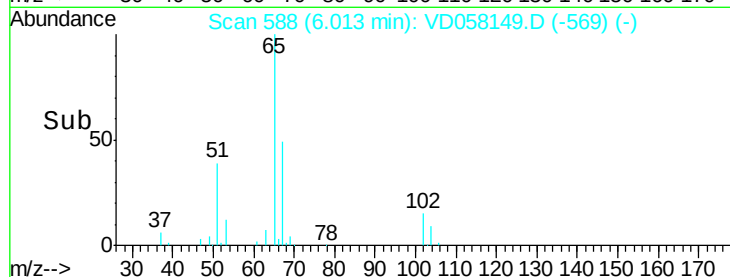
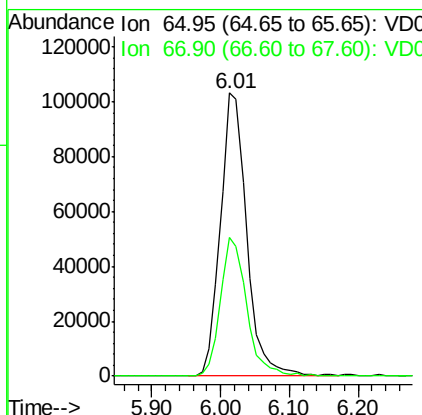
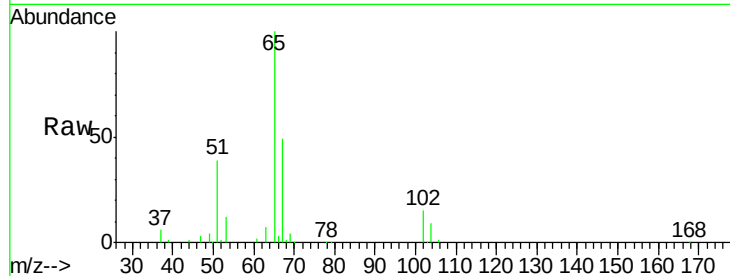




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD058149.D
 Acq: 14 Jun 2018 21:34

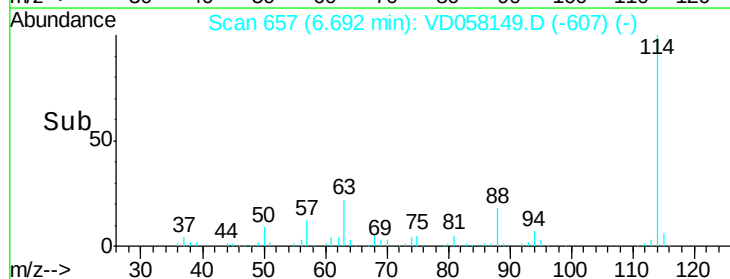
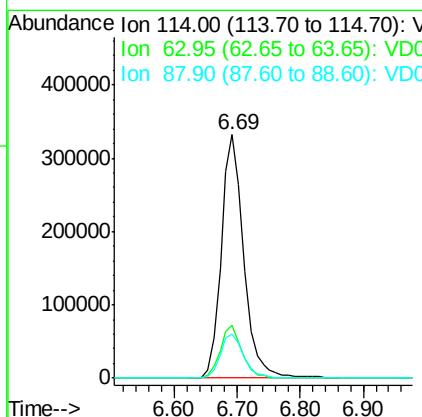
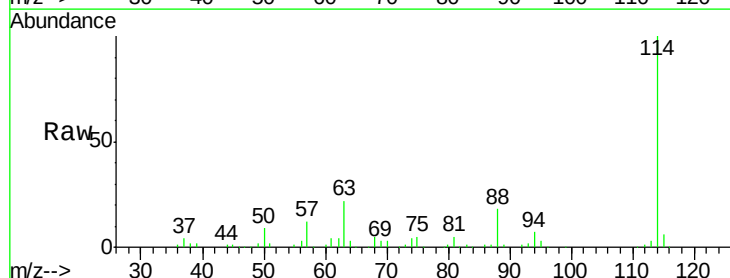
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-A

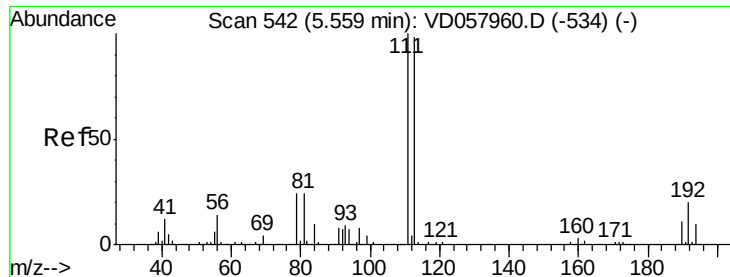
Tot Ion: 65 Resp: 274008
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058149.D
 Acq: 14 Jun 2018 21:34

Tgt Ion: 114 Resp: 818483
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 18.1 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: VD058149.D

Acq: 14 Jun 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-A

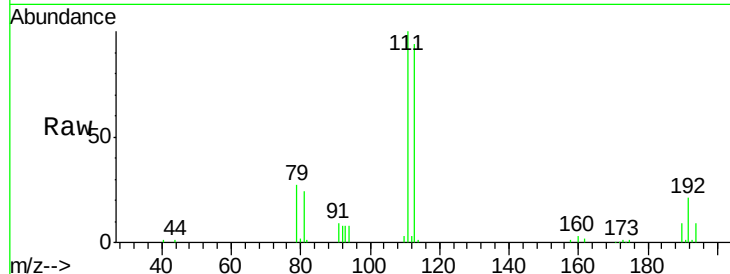
Tot Ion:113 Resp: 276645

Ion Ratio Lower Upper

113 100

111 106.5 81.5 122.3

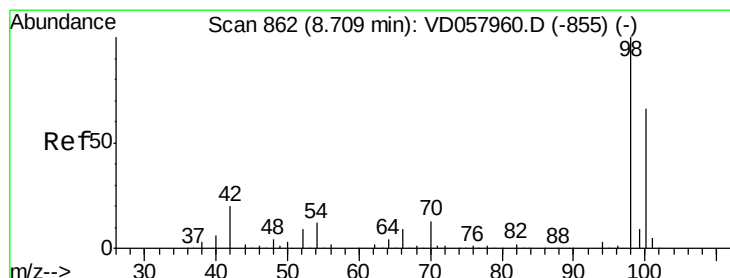
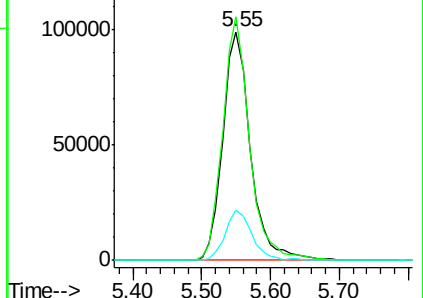
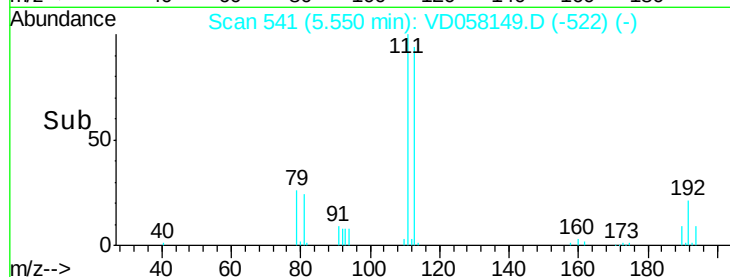
192 22.2 16.4 24.6



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: VD058149.D

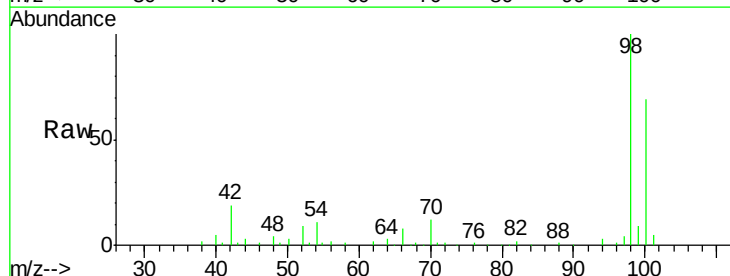
Acq: 14 Jun 2018 21:34

Tgt Ion: 98 Resp: 337404

Ion Ratio Lower Upper

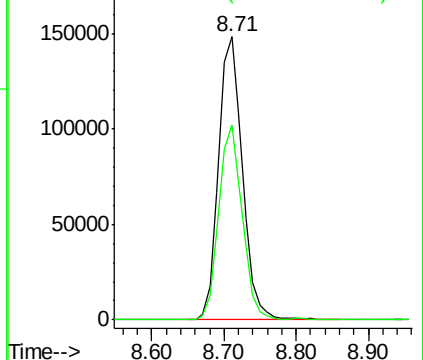
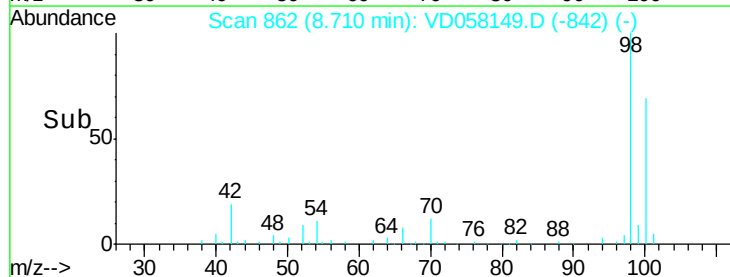
98 100

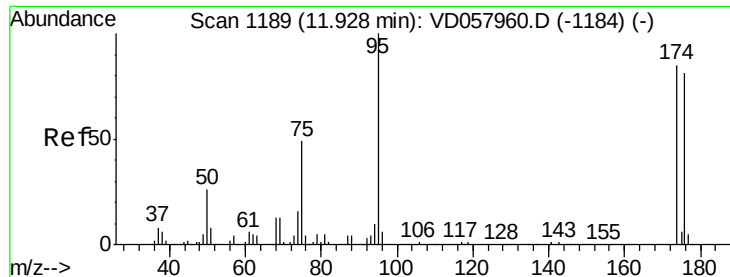
100 68.8 53.4 80.0



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: VD058149.D

Acq: 14 Jun 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-A

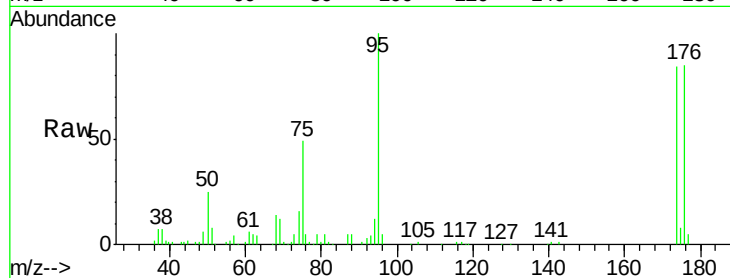
Tot Ion: 95 Resp: 182753

Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.4

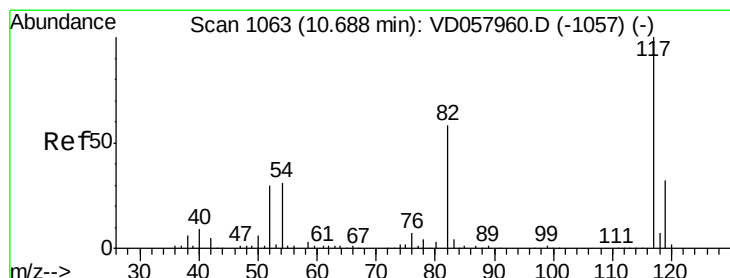
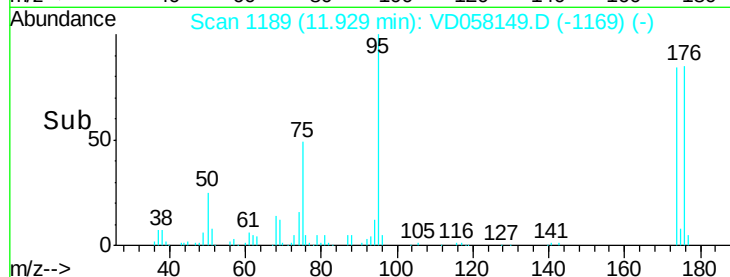
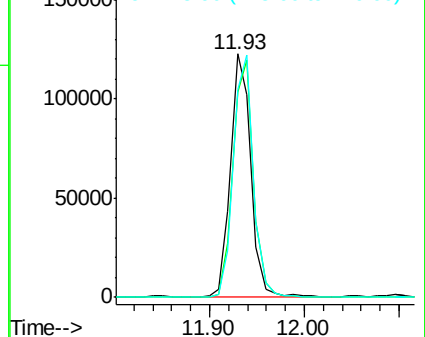
176 85.2 0.0 162.6



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: VD058149.D

Acq: 14 Jun 2018 21:34

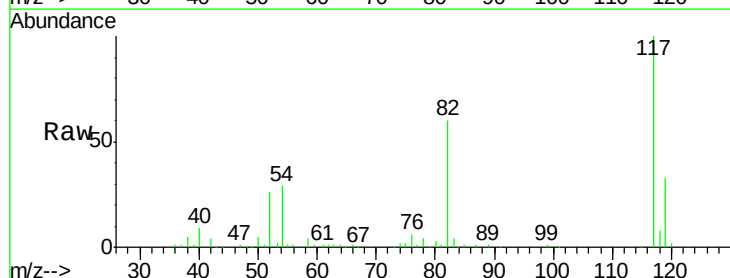
Tgt Ion: 117 Resp: 433466

Ion Ratio Lower Upper

117 100

82 59.7 46.8 70.2

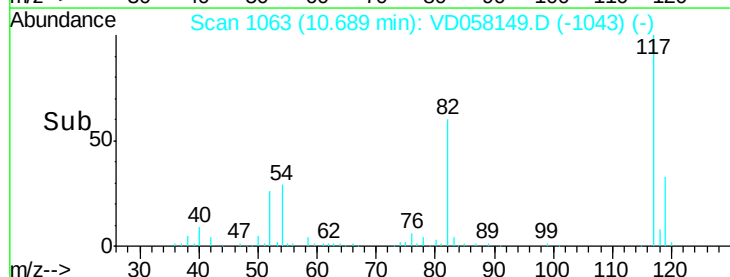
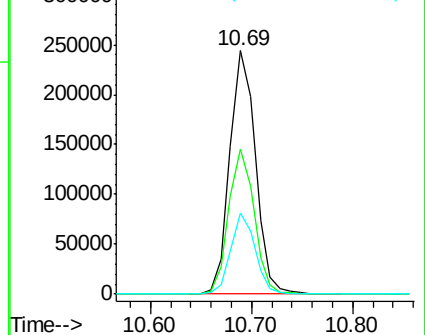
119 33.2 25.8 38.6

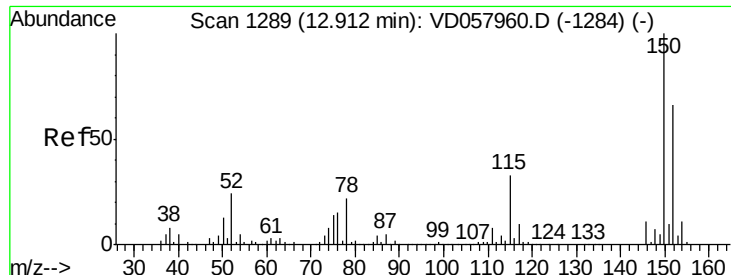


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

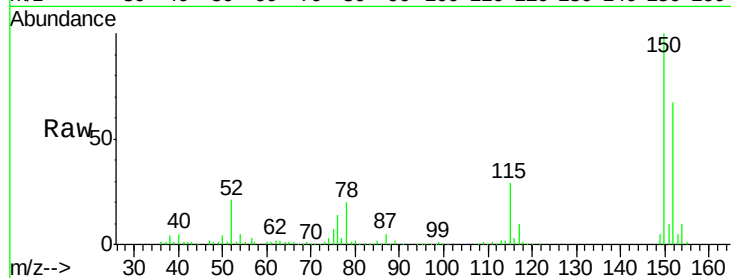




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD058149.D
 Acq: 14 Jun 2018 21:34

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	43.1	25.6	76.6
150	149.4	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

