

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058150.D
 Acq On : 14 Jun 2018 22:03
 Operator : VA/AP
 Sample : J3241-09
 Misc : 5.90g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 15 07:45:52 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

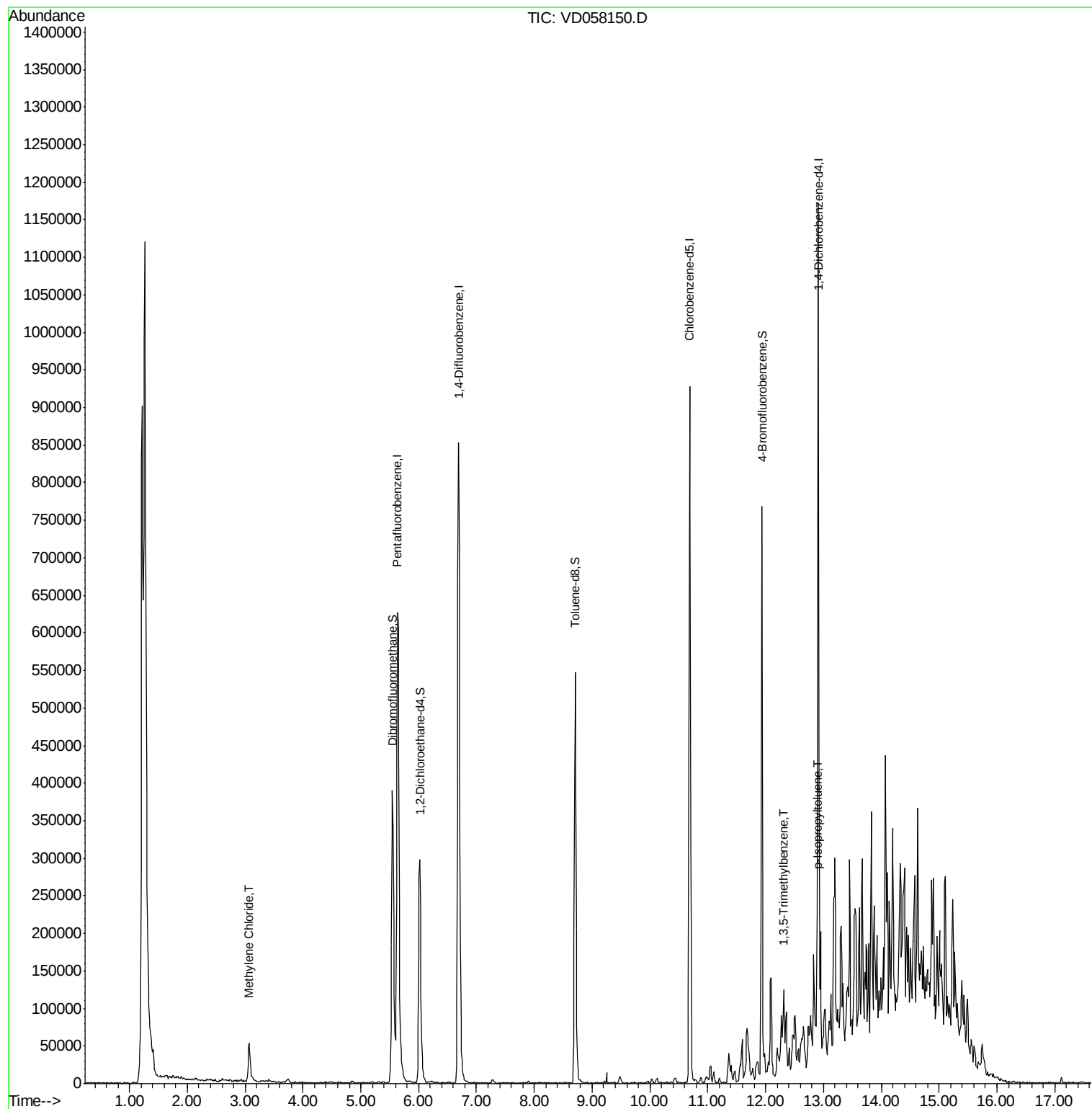
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	624023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	842507	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	499599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	254343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	299347	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.55	113	312818	47.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	405144	26.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.28%	
62) 4-Bromofluorobenzene	11.93	95	221472	32.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.52%	
Target Compounds						
20) Methylene Chloride	3.07	84	24356	4.058	ug/l #	88
80) 1,3,5-Trimethylbenzene	12.32	105	23753	1.808	ug/l	93
86) p-Isopropyltoluene	12.88	119	20575	1.426	ug/l	93

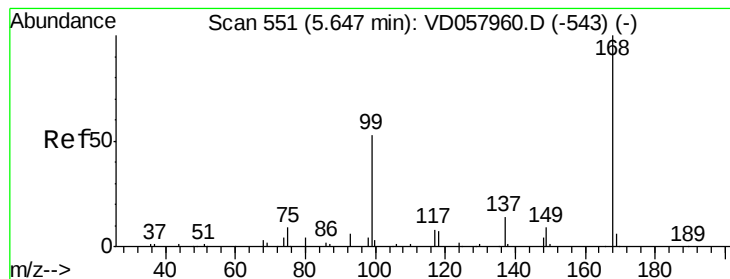
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058150.D

Acq: 14 Jun 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

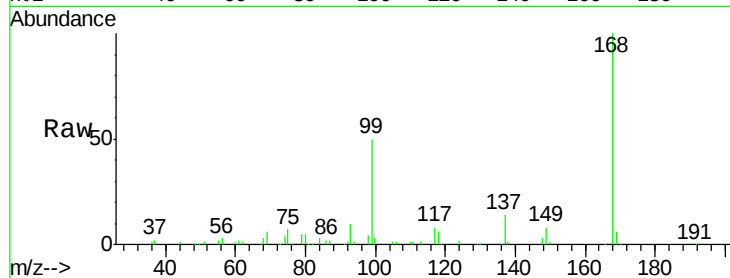
HR-05-061318-B

Tot Ion:168 Resp: 624023

Ion Ratio Lower Upper

168 100

99 49.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

150000

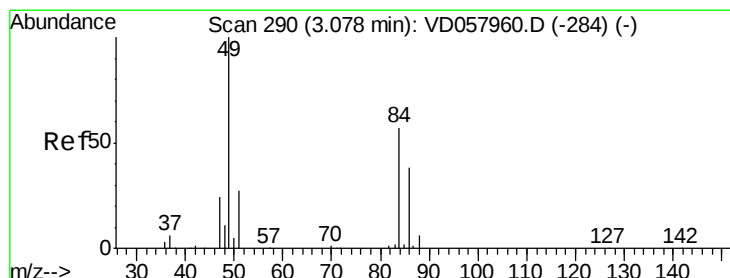
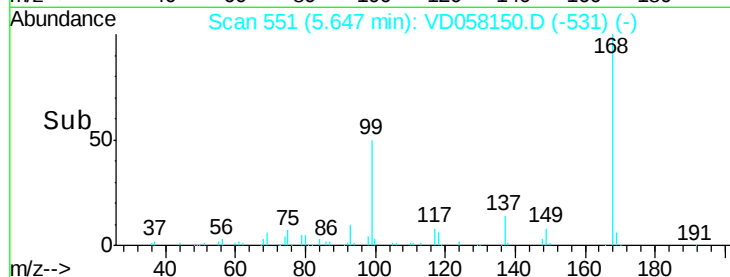
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.058 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD058150.D

Acq: 14 Jun 2018 22:03

Tgt Ion: 84 Resp: 24356

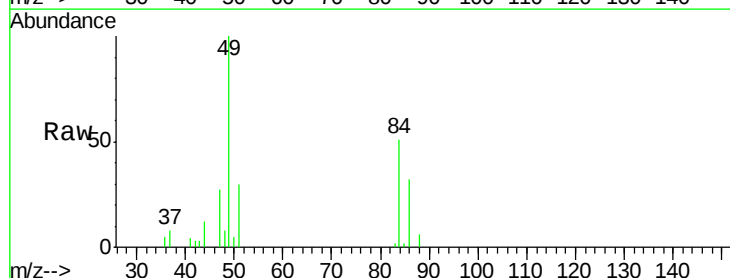
Ion Ratio Lower Upper

84 100

49 195.6 141.4 212.0

51 59.1 38.3 57.5#

86 63.5 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

25000

20000

15000

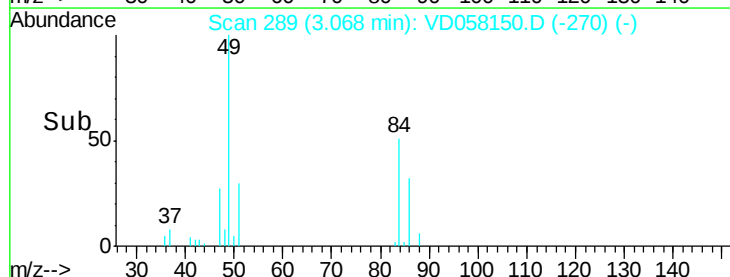
10000

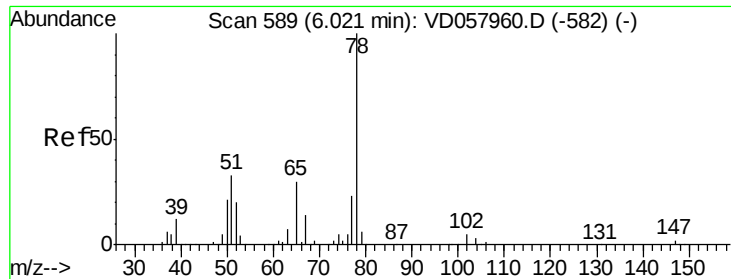
5000

0

Time-->

3.00 3.10 3.20

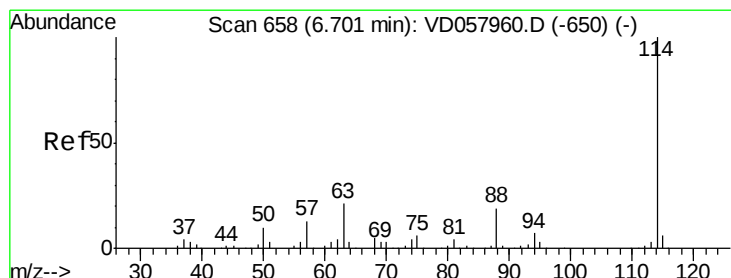
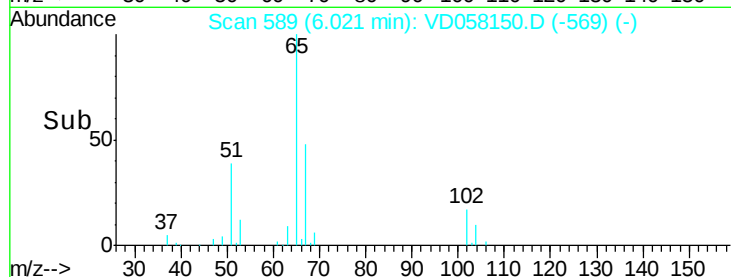
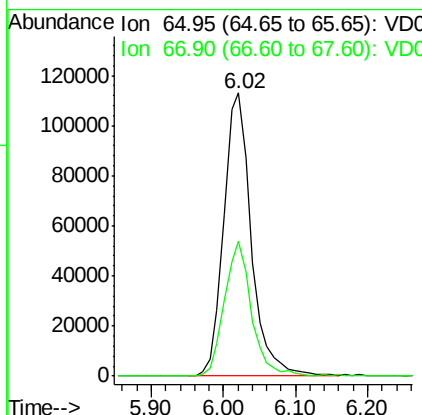
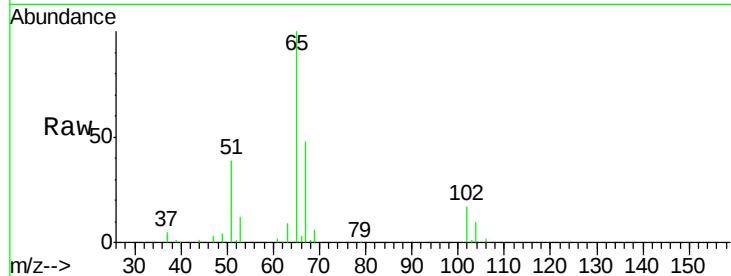




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058150.D
 Acq: 14 Jun 2018 22:03

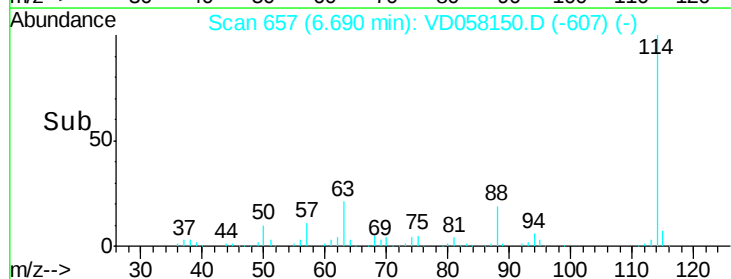
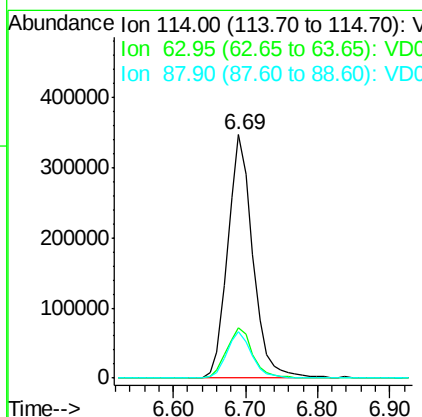
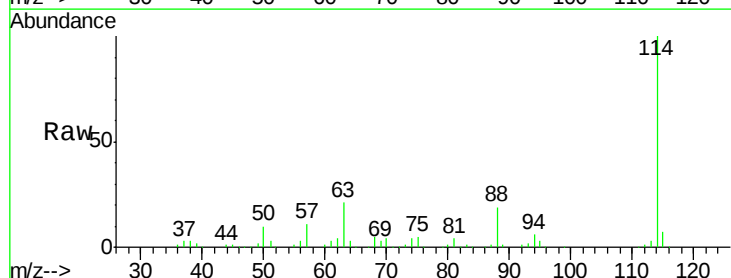
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-B

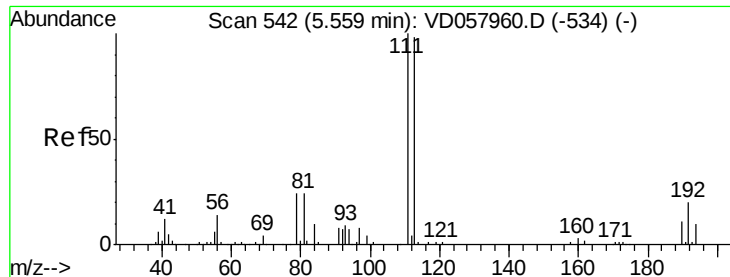
Tot Ion: 65 Resp: 299347
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058150.D
 Acq: 14 Jun 2018 22:03

Tgt Ion: 114 Resp: 842507
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 18.8 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: VD058150.D

Acq: 14 Jun 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-B

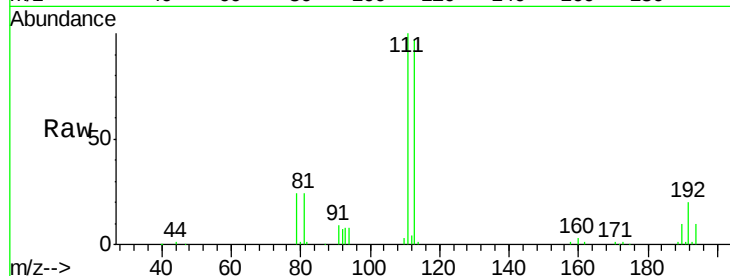
Tot Ion:113 Resp: 312818

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

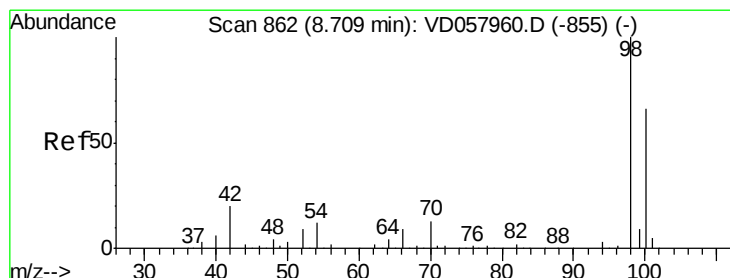
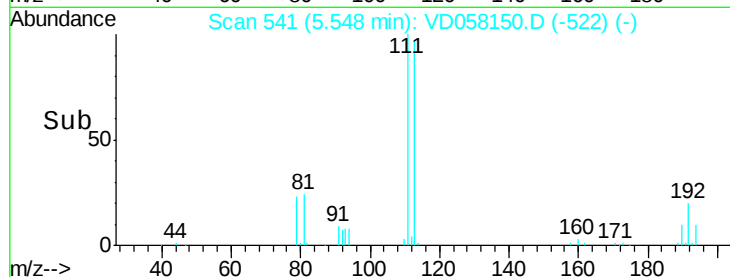
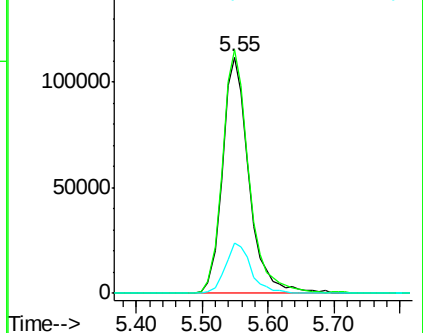
192 21.1 16.4 24.6



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: VD058150.D

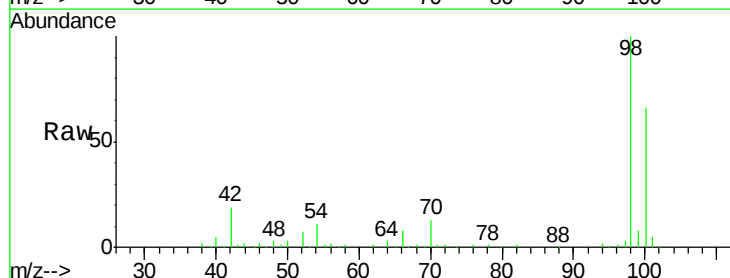
Acq: 14 Jun 2018 22:03

Tgt Ion: 98 Resp: 405144

Ion Ratio Lower Upper

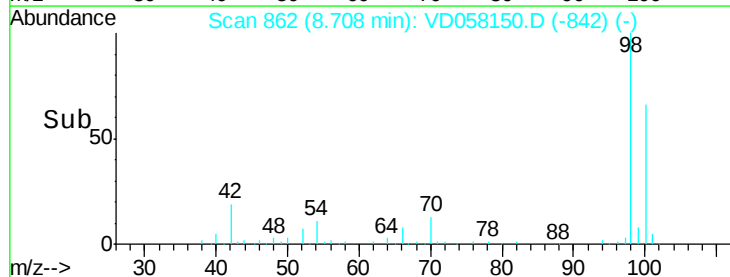
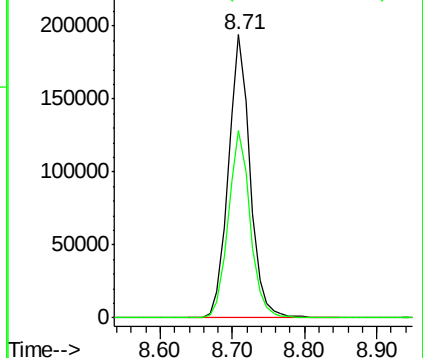
98 100

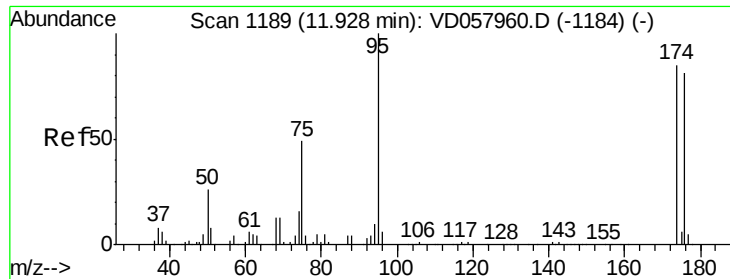
100 66.1 53.4 80.0



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: VD058150.D

Acq: 14 Jun 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-B

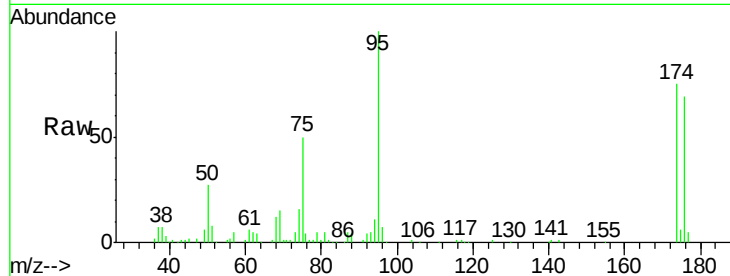
Tot Ion: 95 Resp: 221472

Ion Ratio Lower Upper

95 100

174 74.6 0.0 169.4

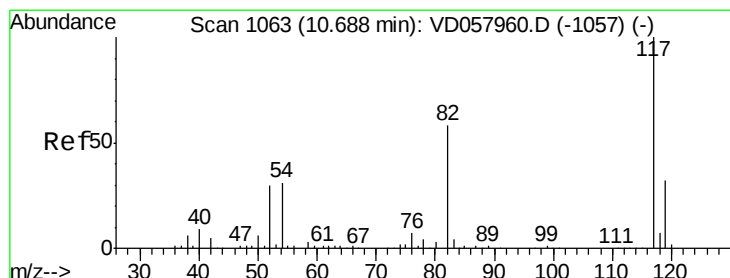
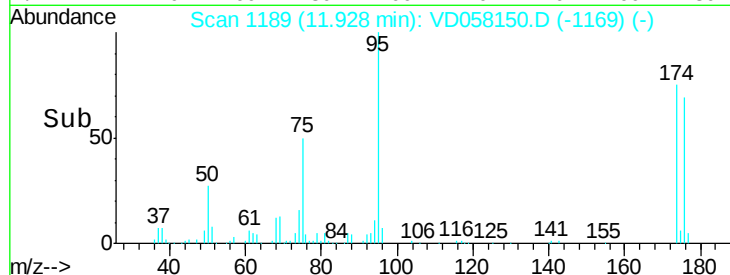
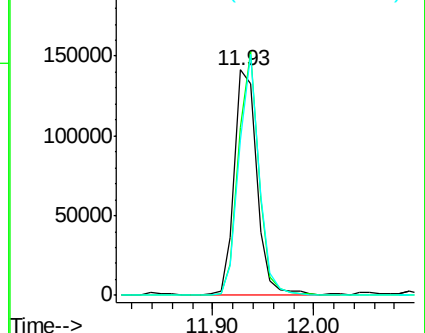
176 69.0 0.0 162.6



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: VD058150.D

Acq: 14 Jun 2018 22:03

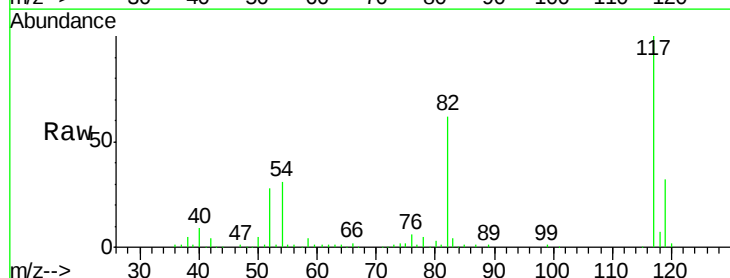
Tgt Ion: 117 Resp: 499599

Ion Ratio Lower Upper

117 100

82 61.9 46.8 70.2

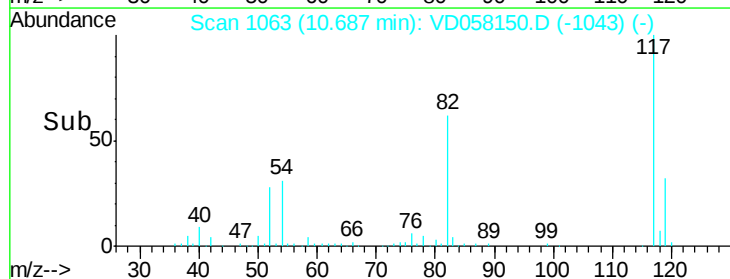
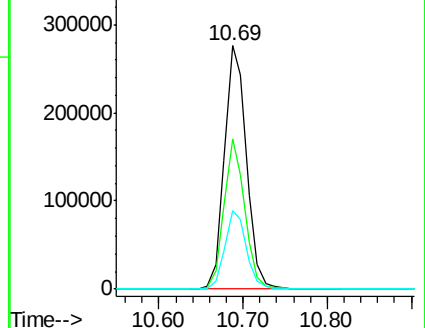
119 32.0 25.8 38.6

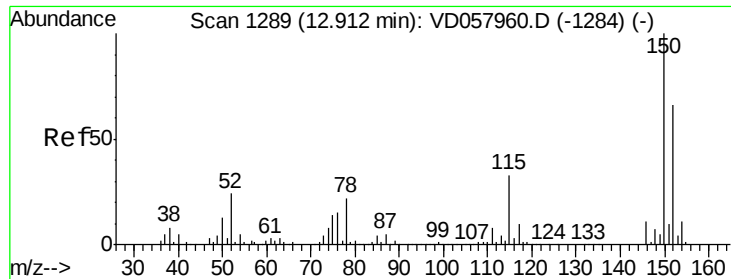


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD058150.D

Acq: 14 Jun 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

HR-05-061318-B

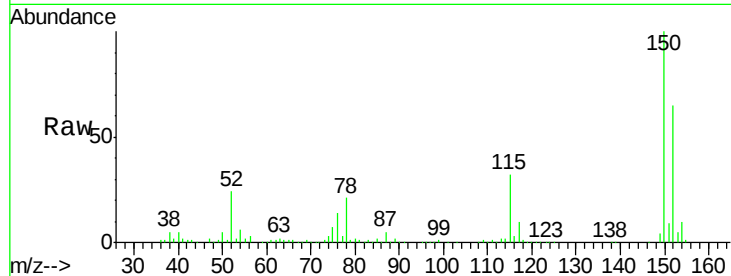
Tot Ion:152 Resp: 254343

Ion Ratio Lower Upper

152 100

115 49.4 25.6 76.6

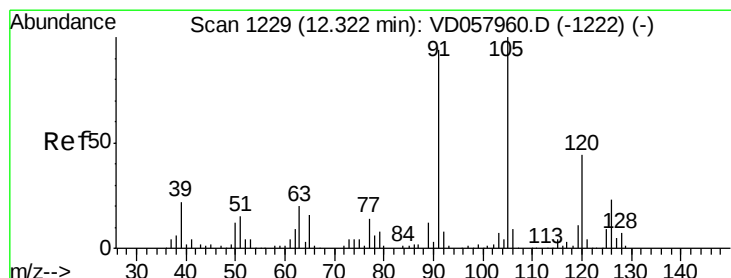
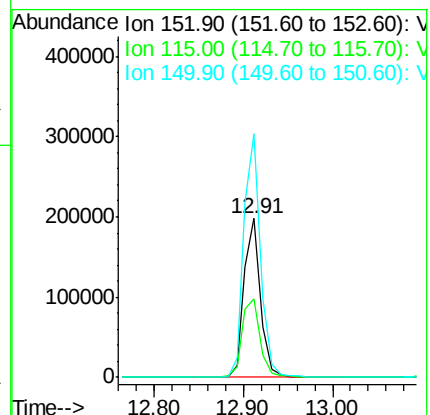
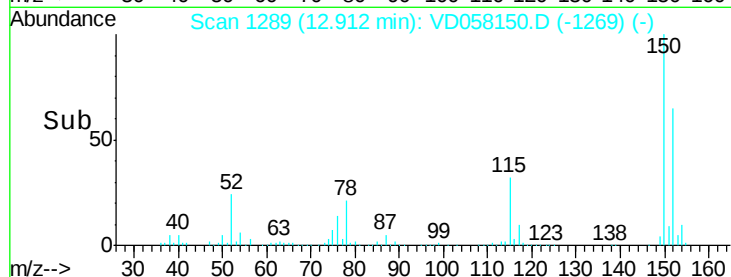
150 153.3 0.0 306.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.808 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058150.D

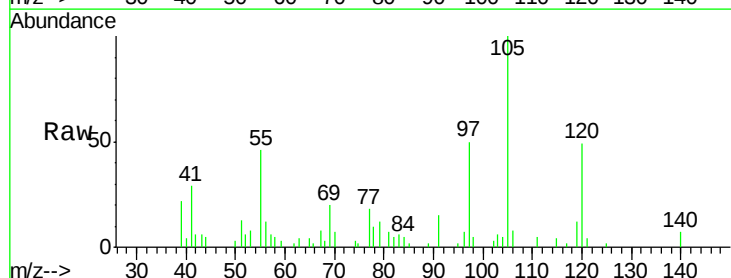
Acq: 14 Jun 2018 22:03

Tgt Ion:105 Resp: 23753

Ion Ratio Lower Upper

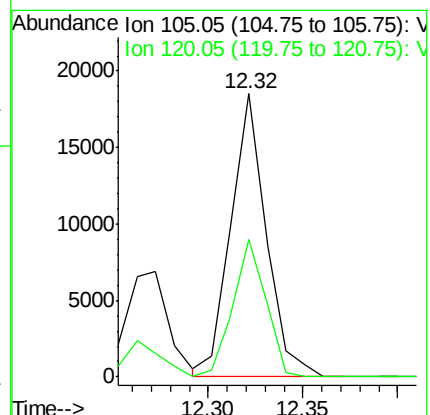
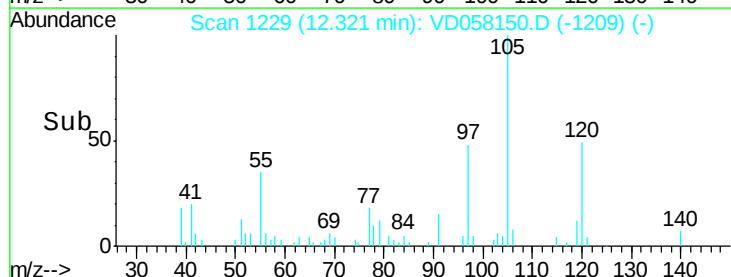
105 100

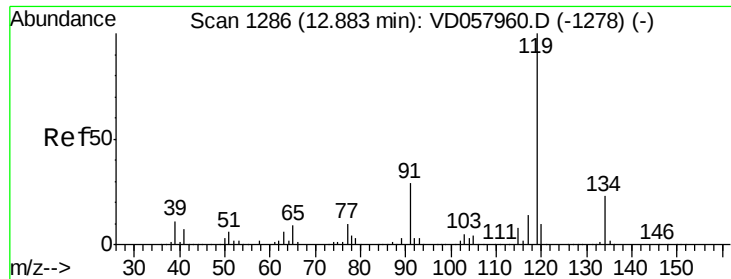
120 48.8 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#86
 p-Isopropyltoluene
 Concen: 1.426 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
119	100		
134	16.6	11.5	34.4
91	30.6	14.5	43.6

