

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058287.D
 Acq On : 22 Jun 2018 9:58
 Operator : VA/AP
 Sample : J3582-06RE
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-3-GRABRE

Quant Time: Jun 22 12:58:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	525876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	747754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	533395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	208012	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	345560	65.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	130.12%	
35) Dibromofluoromethane	5.55	113	273058	44.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.74%	
50) Toluene-d8	8.71	98	699691	47.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.93	95	239284	39.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.56%	

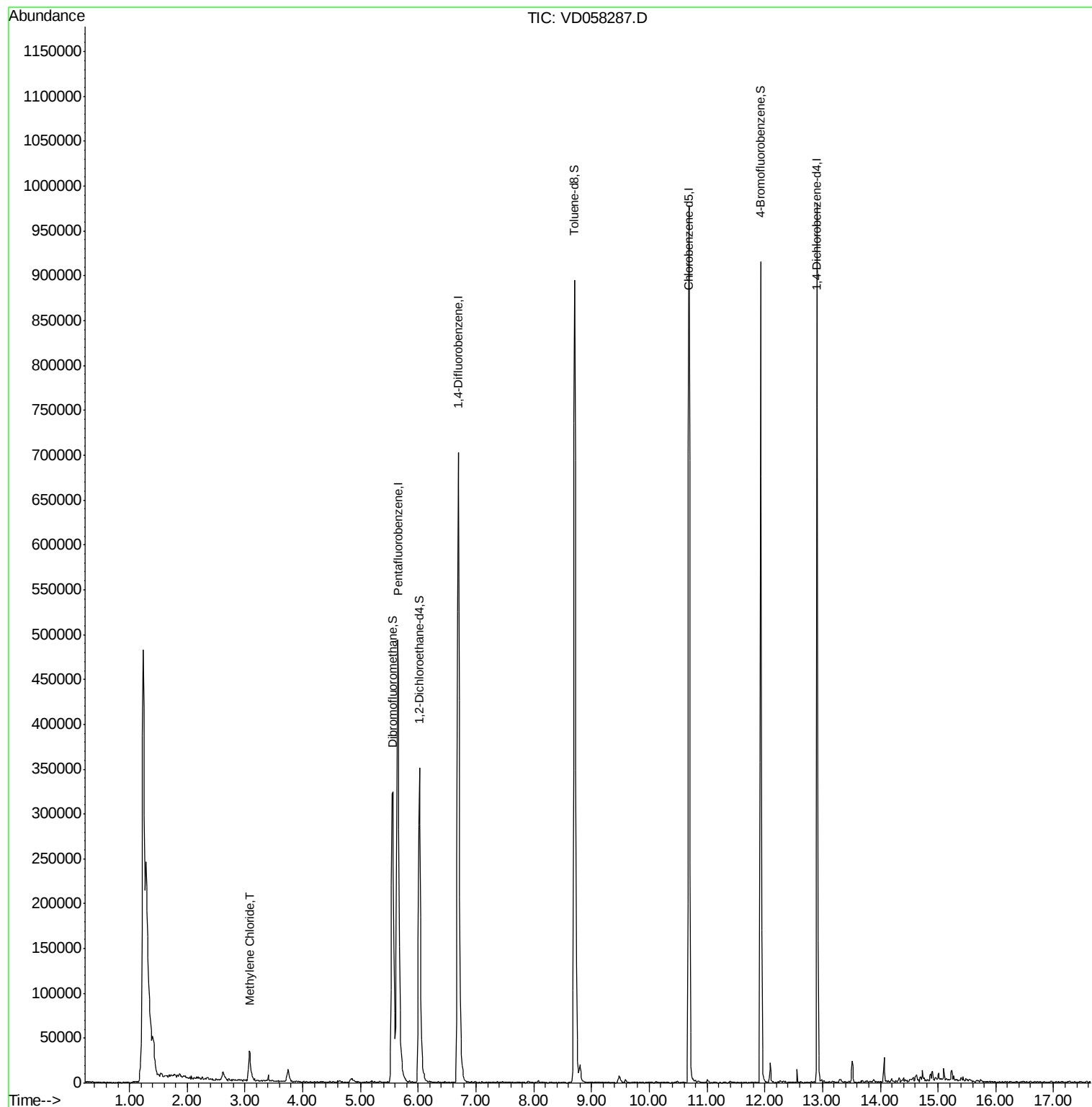
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.08	84	16077	4.10	ug/l	# 77

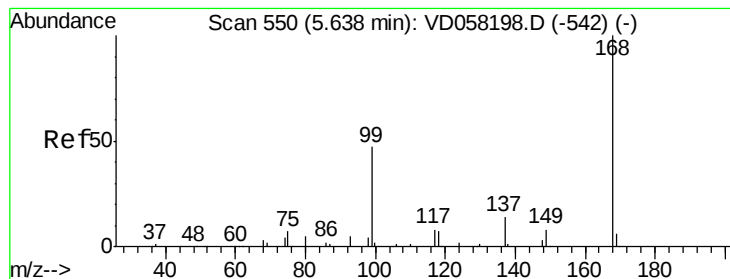
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058287.D

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Instrument :

MSVOA_D

ClientSampleId :

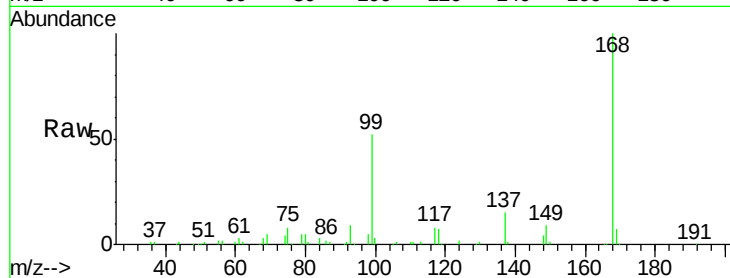
SSP-B-3-GRABRE

Tot Ion:168 Resp: 525876

Ion Ratio Lower Upper

168 100

99 52.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

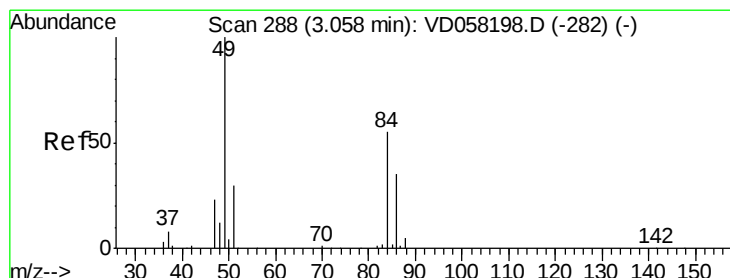
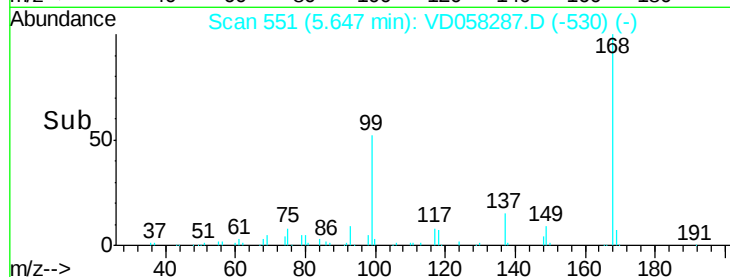
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.10 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.02 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Tgt Ion: 84 Resp: 16077

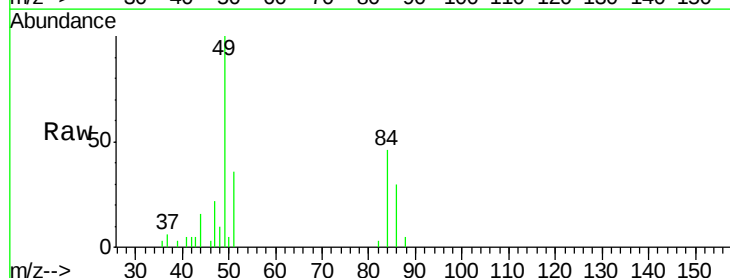
Ion Ratio Lower Upper

84 100

49 219.2 145.0 217.6#

51 78.7 42.9 64.3#

86 66.0 50.1 75.1



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

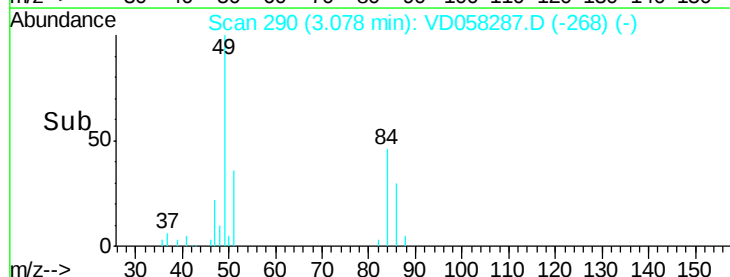
15000

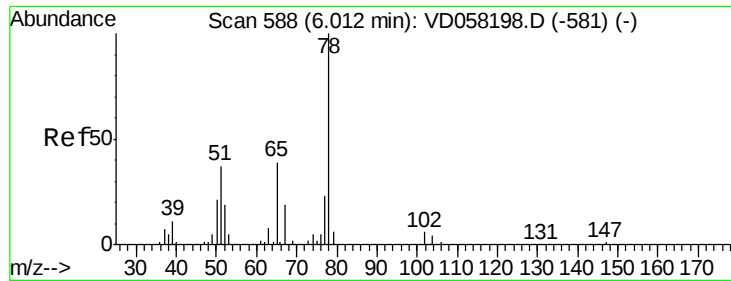
10000

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. 0.01 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

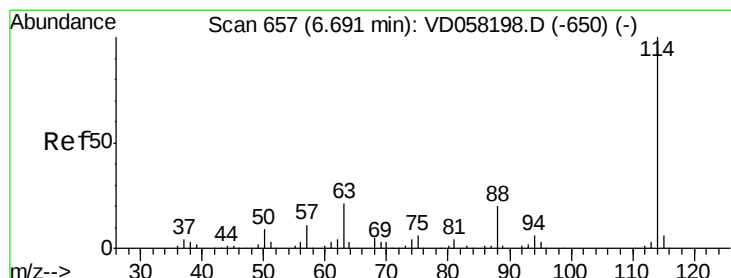
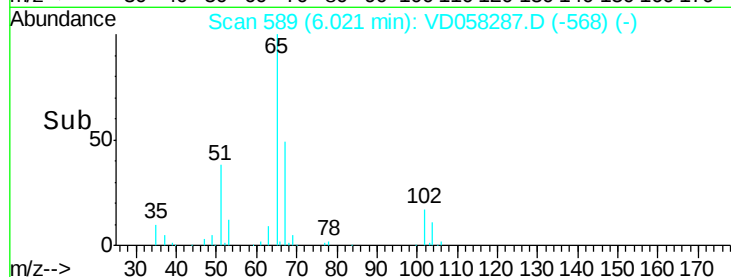
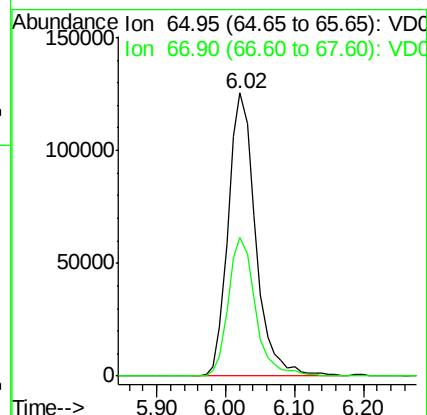
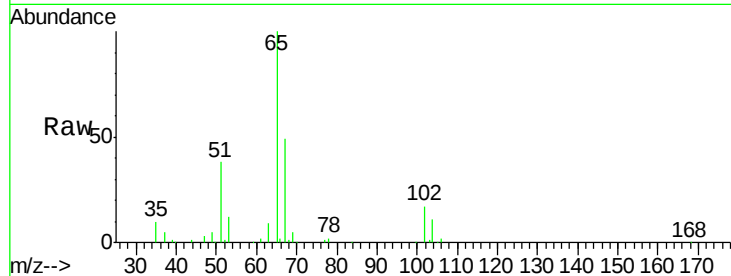
SSP-B-3-GRABRE

Tot Ion: 65 Resp: 345560

Ion Ratio Lower Upper

65 100

67 49.2 0.0 97.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

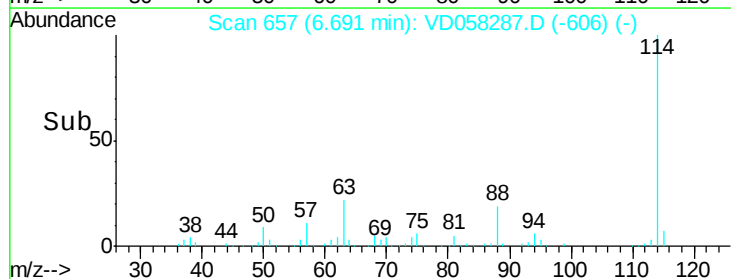
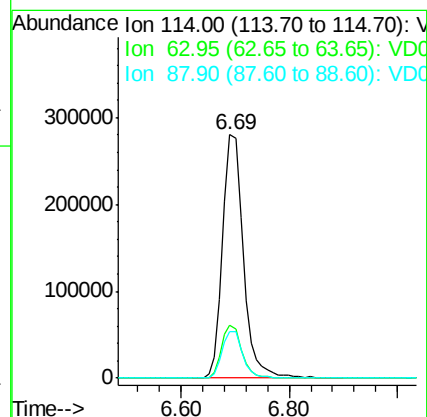
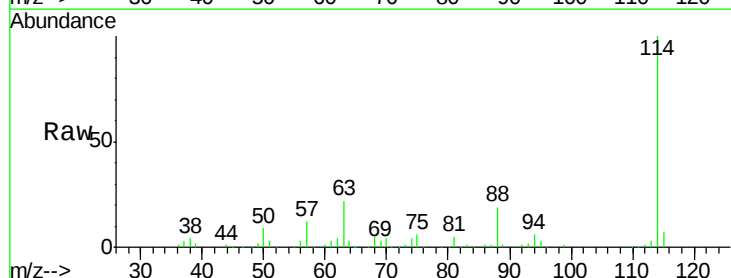
Tgt Ion: 114 Resp: 747754

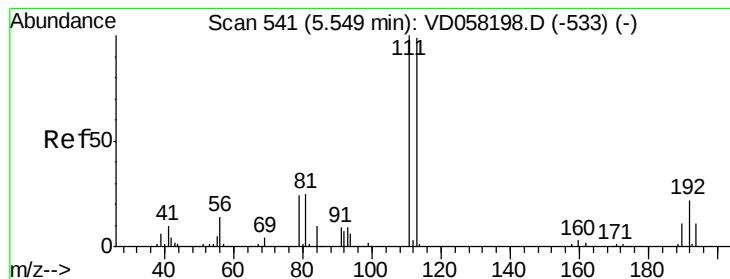
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 19.1 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

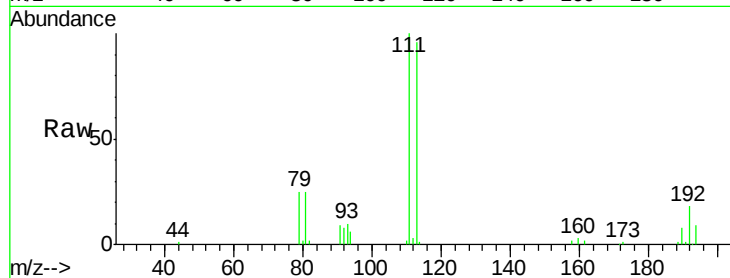
Tot Ion:113 Resp: 273058

Ion Ratio Lower Upper

113 100

111 104.0 80.6 121.0

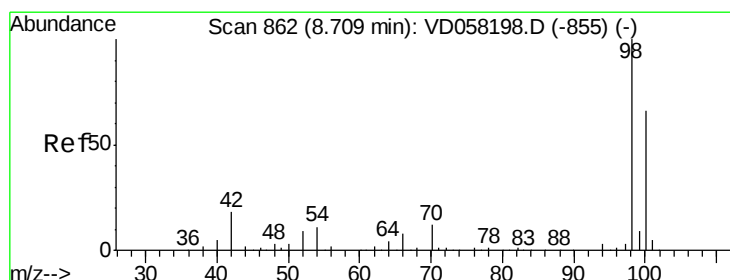
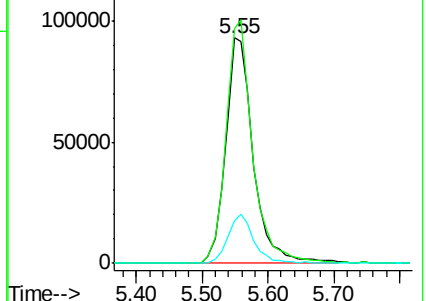
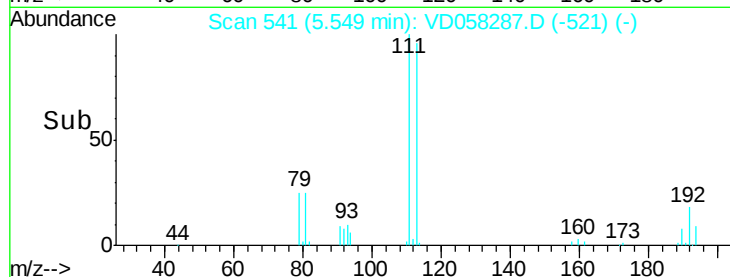
192 19.2 17.8 26.6



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: VD058287.D

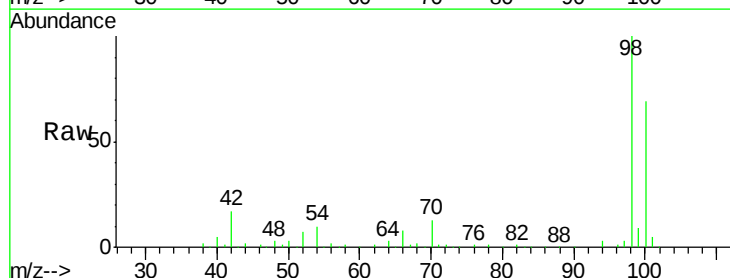
Acq: 22 Jun 2018 9:58

Tgt Ion: 98 Resp: 699691

Ion Ratio Lower Upper

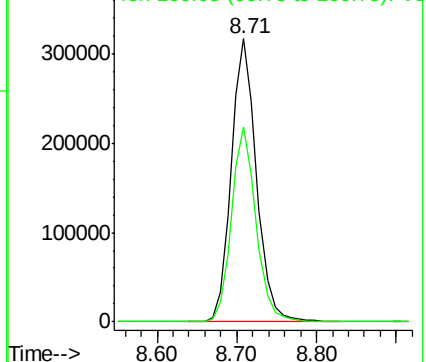
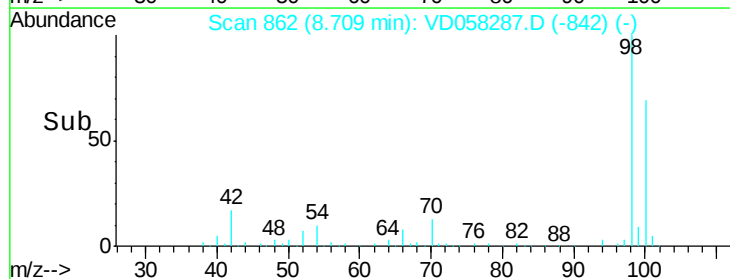
98 100

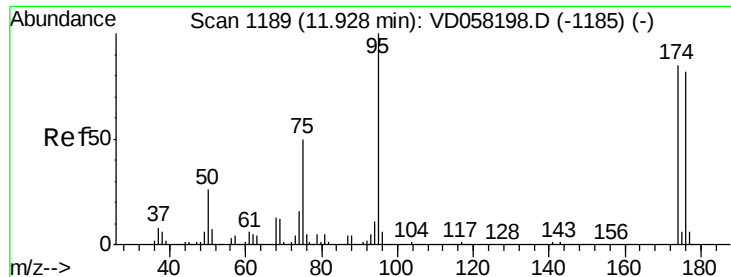
100 69.1 53.6 80.4



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: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

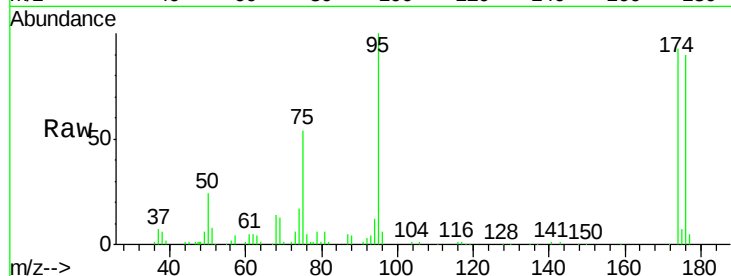
Tot Ion: 95 Resp: 239284

Ion Ratio Lower Upper

95 100

174 92.9 0.0 170.2

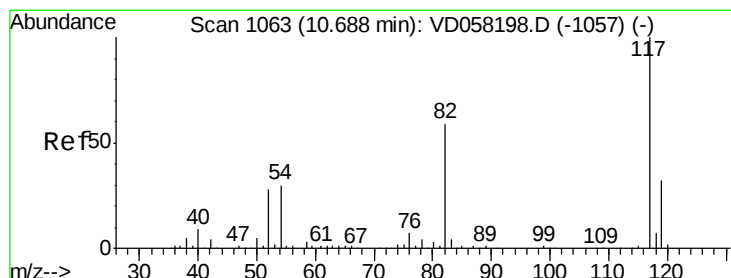
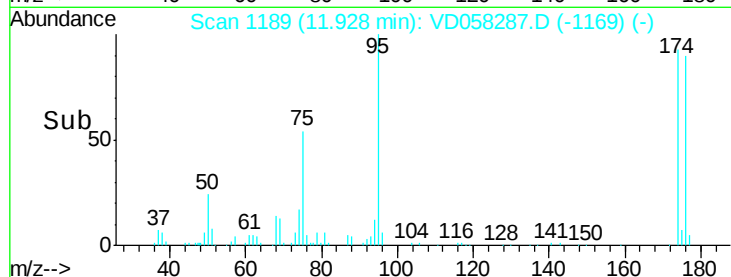
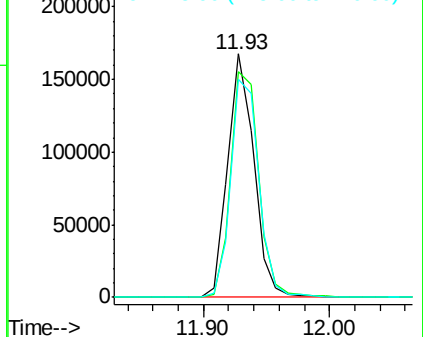
176 89.7 0.0 164.6



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: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

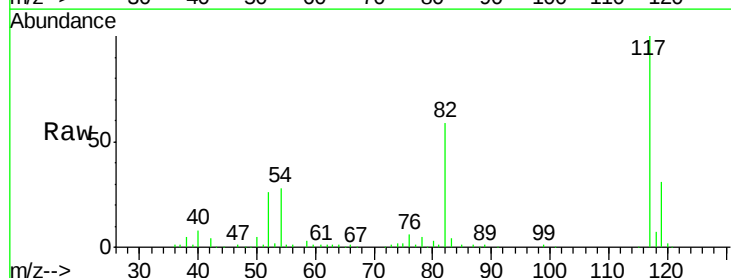
Tgt Ion: 117 Resp: 533395

Ion Ratio Lower Upper

117 100

82 59.0 47.0 70.6

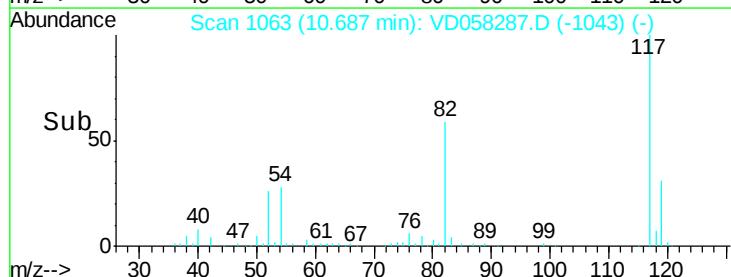
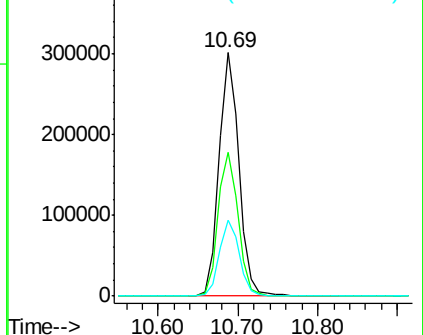
119 31.3 25.3 37.9

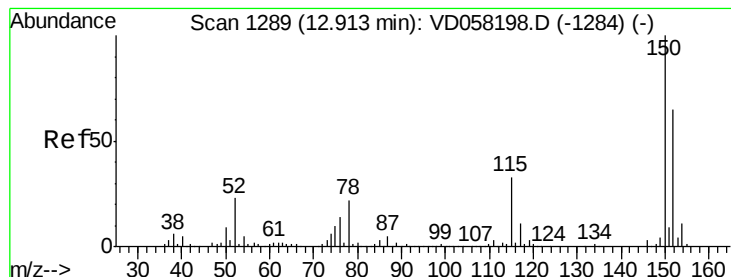


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

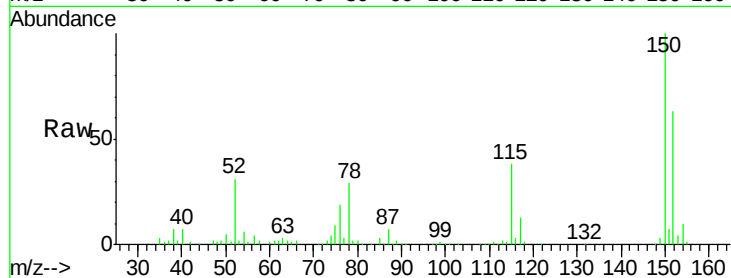
Tot Ion:152 Resp: 208012

Ion Ratio Lower Upper

152 100

115 60.7 25.1 75.3

150 159.0 0.0 308.8



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

