

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058323.D
 Acq On : 23 Jun 2018 5:41
 Operator : VA/AP
 Sample : J3622-16
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-D

Quant Time: Jun 25 01:11:14 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

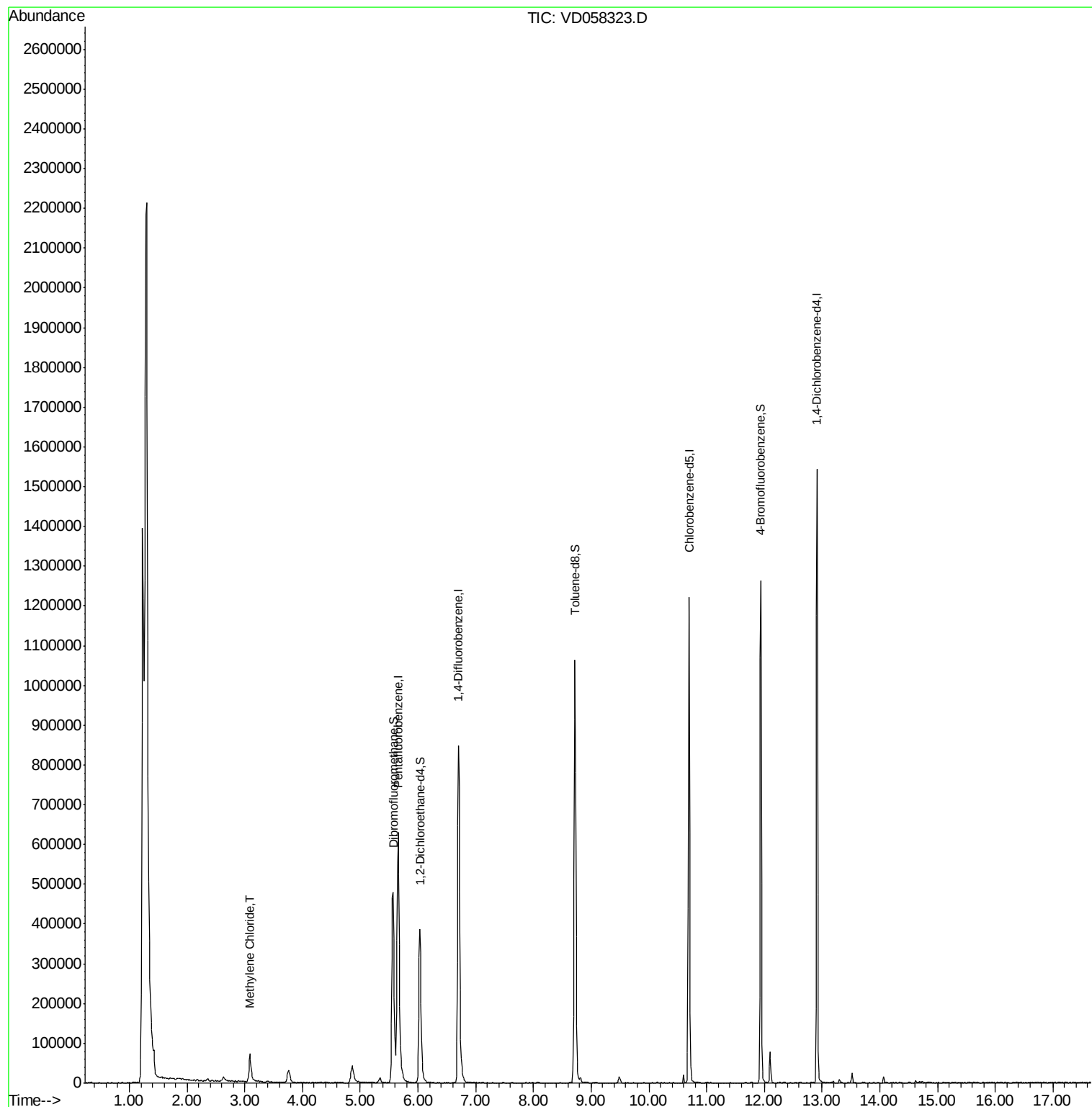
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	640672	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	872381	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	683913	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	328469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	381623	58.97	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.94%	
35) Dibromofluoromethane	5.57	113	396885	55.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.80%	
50) Toluene-d8	8.72	98	845429	49.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.94	95	356422	50.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.58%	
Target Compounds						
20) Methylene Chloride	3.09	84	36752	12.32	ug/l	Qvalue 91

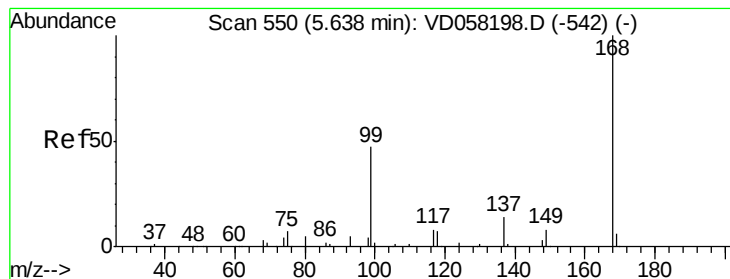
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058323.D

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ClientSampleId :

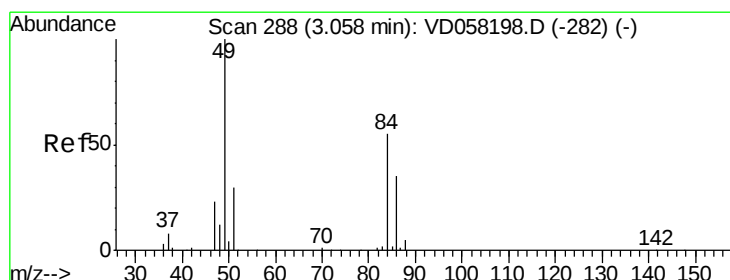
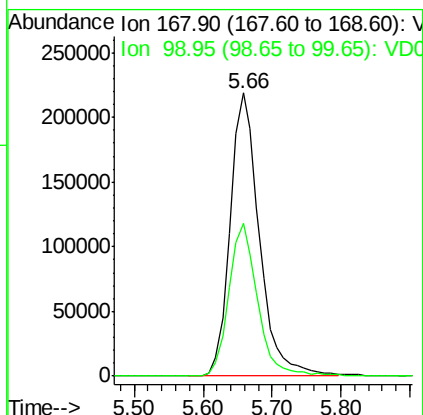
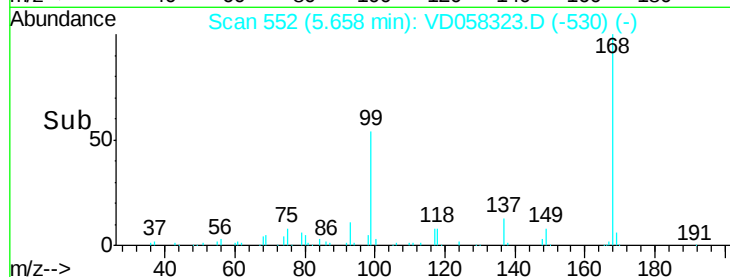
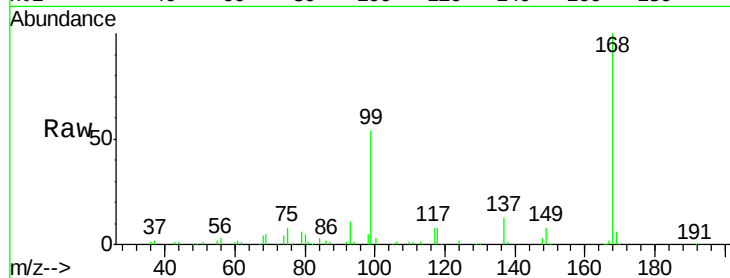
SP-D

Tot Ion:168 Resp: 640672

Ion Ratio Lower Upper

168 100

99 54.0 41.1 61.7



#20

Methylene Chloride

Concen: 12.32 ug/l

RT: 3.09 min Scan# 291

Delta R.T. 0.03 min

Lab File: VD058323.D

Acq: 23 Jun 2018 5:41

Tgt Ion: 84 Resp: 36752

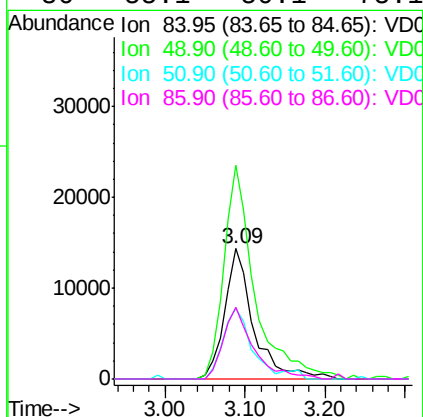
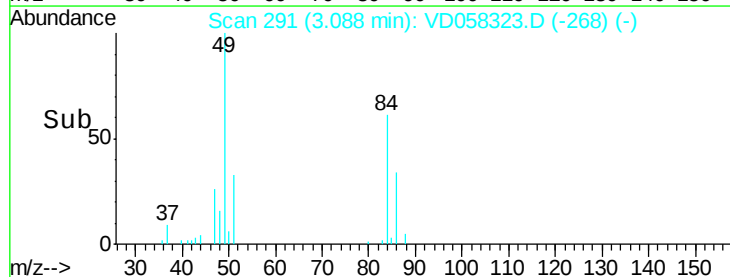
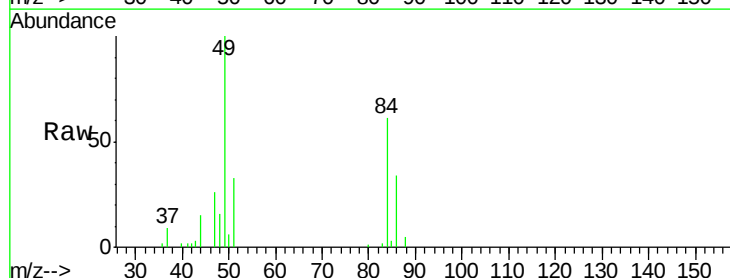
Ion Ratio Lower Upper

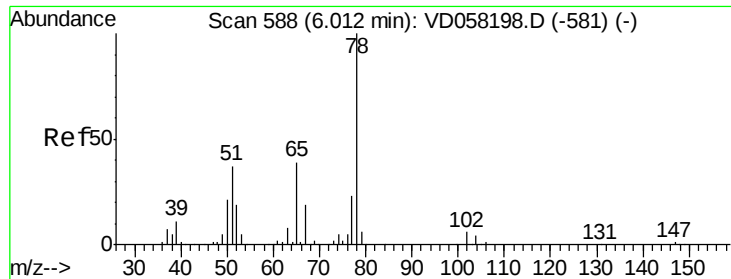
84 100

49 164.0 145.0 217.6

51 53.8 42.9 64.3

86 55.1 50.1 75.1

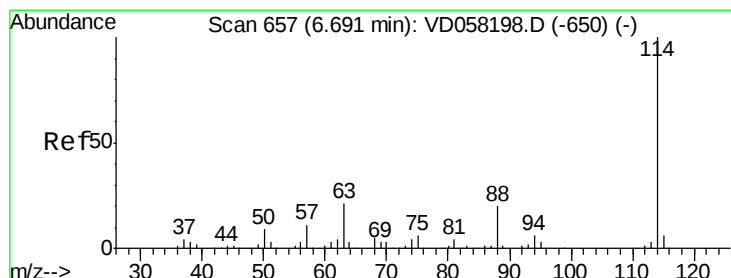
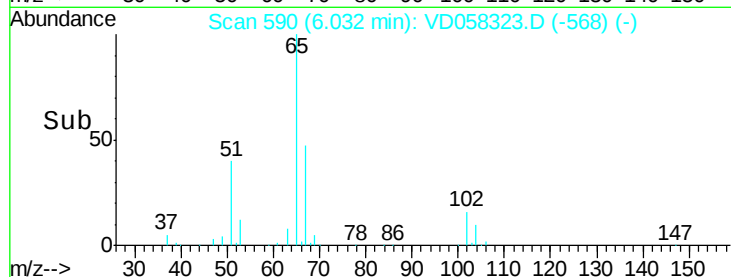
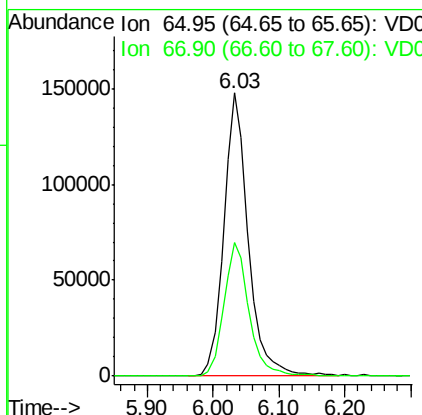
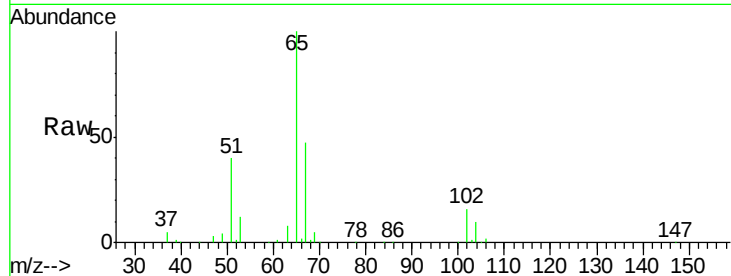




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058323.D
 Acq: 23 Jun 2018 5:41

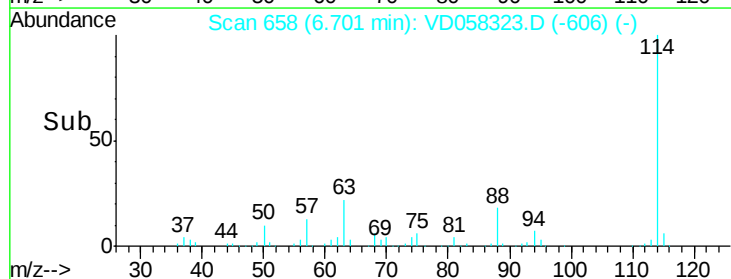
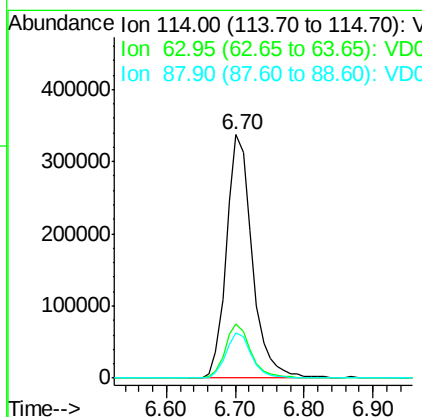
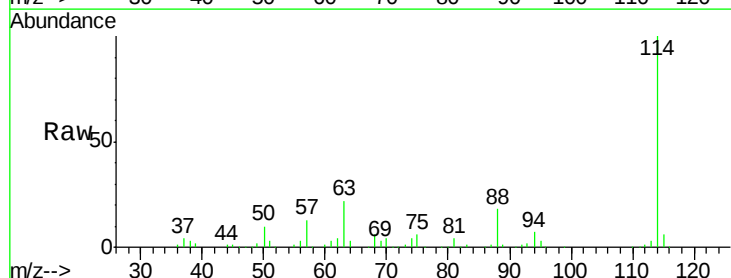
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-D

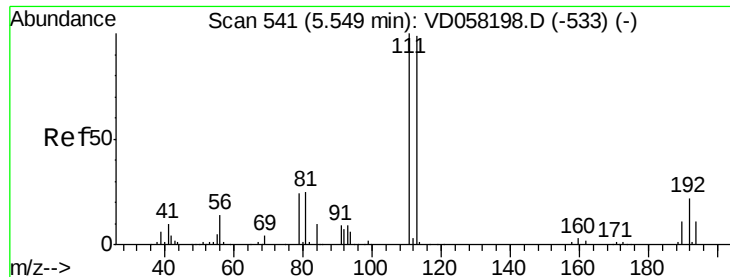
Tot Ion: 65 Resp: 381623
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058323.D
 Acq: 23 Jun 2018 5:41

Tgt Ion: 114 Resp: 872381
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.6
 88 18.4 0.0 40.6

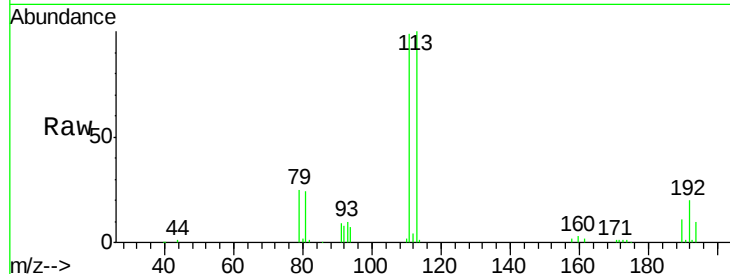




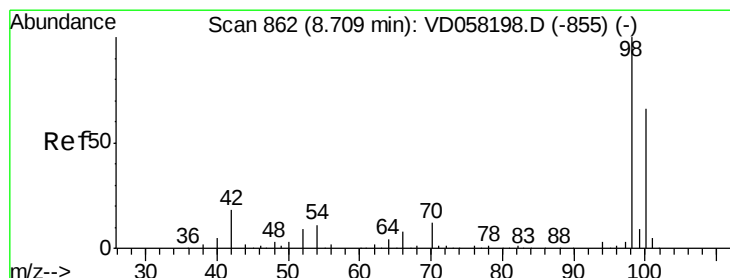
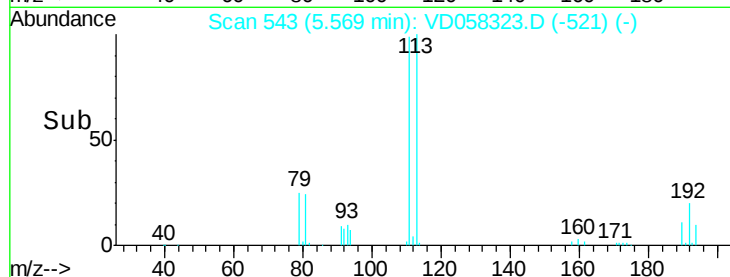
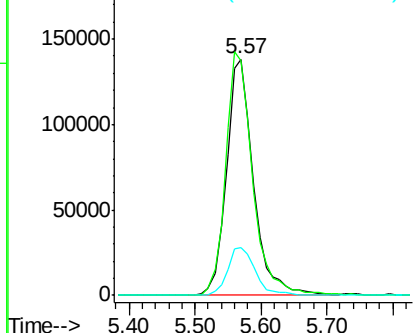
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.57 min Scan# 543
Delta R.T. 0.02 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Instrument :
MSVOA_D
ClientSampleId :
SP-D

Tot Ion:113 Resp: 396885
Ion Ratio Lower Upper
113 100
111 99.3 80.6 121.0
192 20.4 17.8 26.6

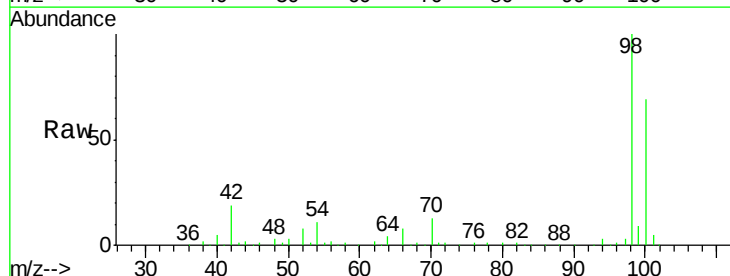


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

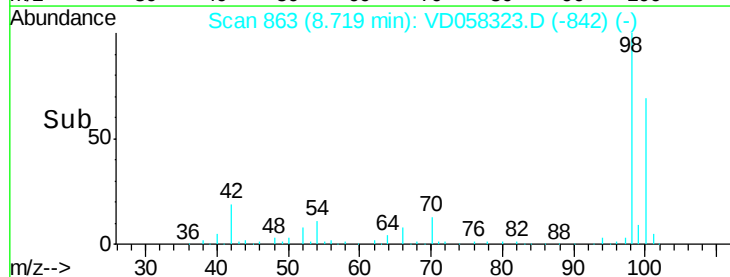
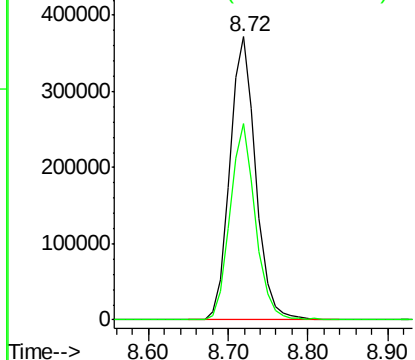


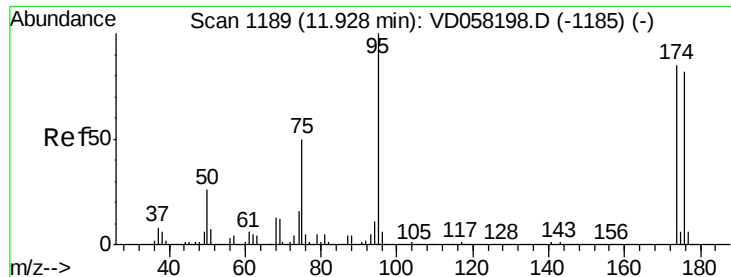
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058323.D
Acq: 23 Jun 2018 5:41

Tgt Ion: 98 Resp: 845429
Ion Ratio Lower Upper
98 100
100 69.5 53.6 80.4



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058323.D

Acq: 23 Jun 2018 5:41

Instrument :

MSVOA_D

ClientSampleId :

SP-D

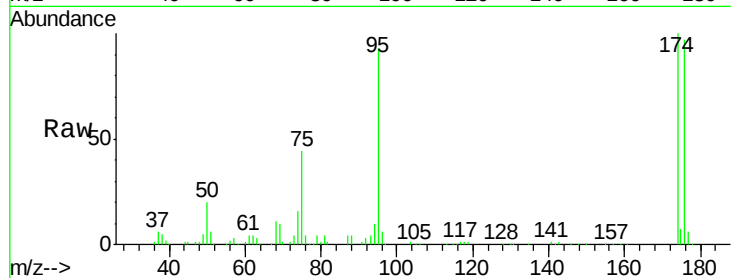
Tot Ion: 95 Resp: 356422

Ion Ratio Lower Upper

95 100

174 107.4 0.0 170.2

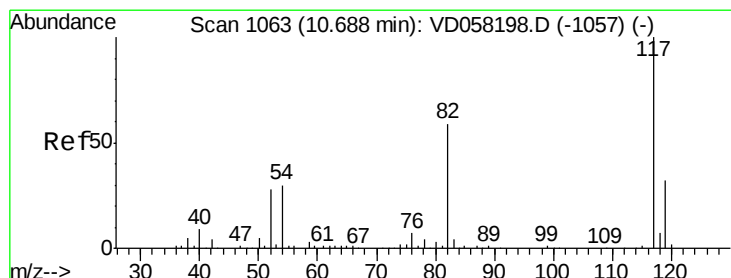
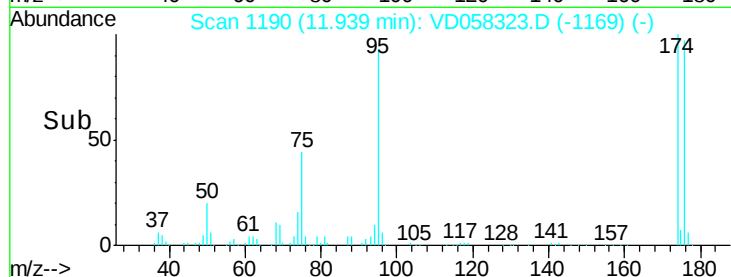
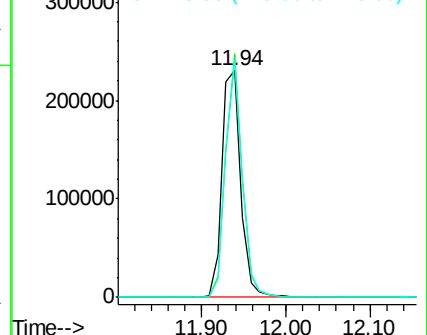
176 104.4 0.0 164.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058323.D

Acq: 23 Jun 2018 5:41

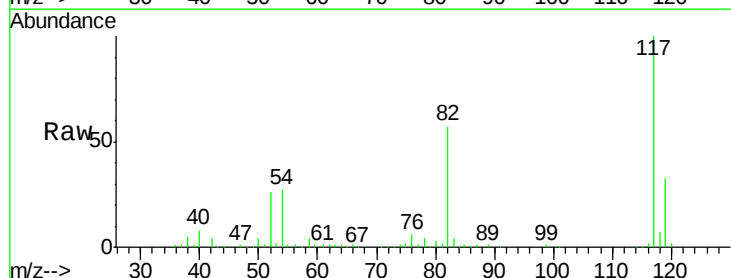
Tgt Ion: 117 Resp: 683913

Ion Ratio Lower Upper

117 100

82 56.9 47.0 70.6

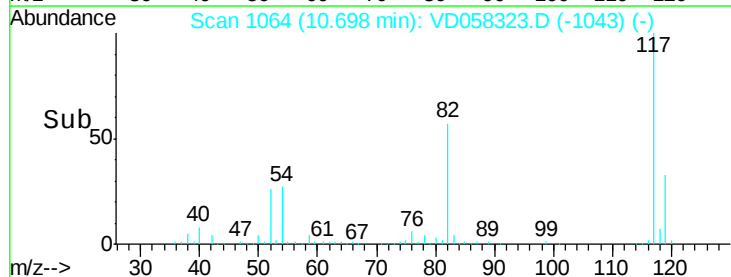
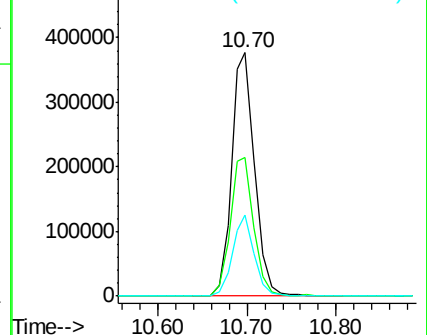
119 33.1 25.3 37.9

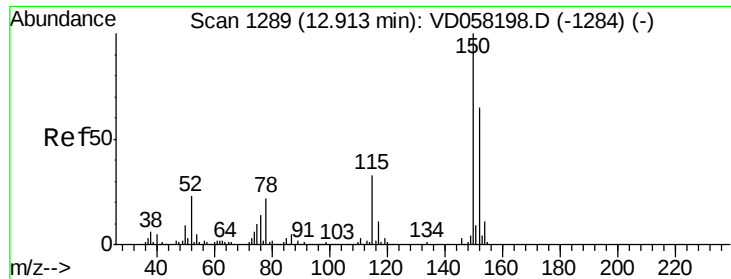


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058323.D

Acq: 23 Jun 2018 5:41

Instrument :

MSVOA_D

ClientSampleId :

SP-D

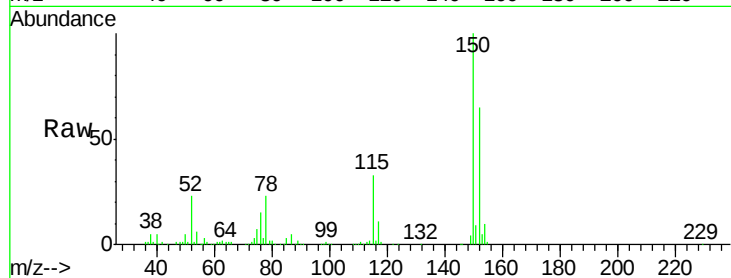
Tot Ion:152 Resp: 328469

Ion Ratio Lower Upper

152 100

115 50.3 25.1 75.3

150 152.8 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

