

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062680.D
 Acq On : 12 Jun 2019 17:57
 Operator : VA/AP
 Sample : K3273-12
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3 9.0-9.5 060719

Quant Time: Jun 13 08:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

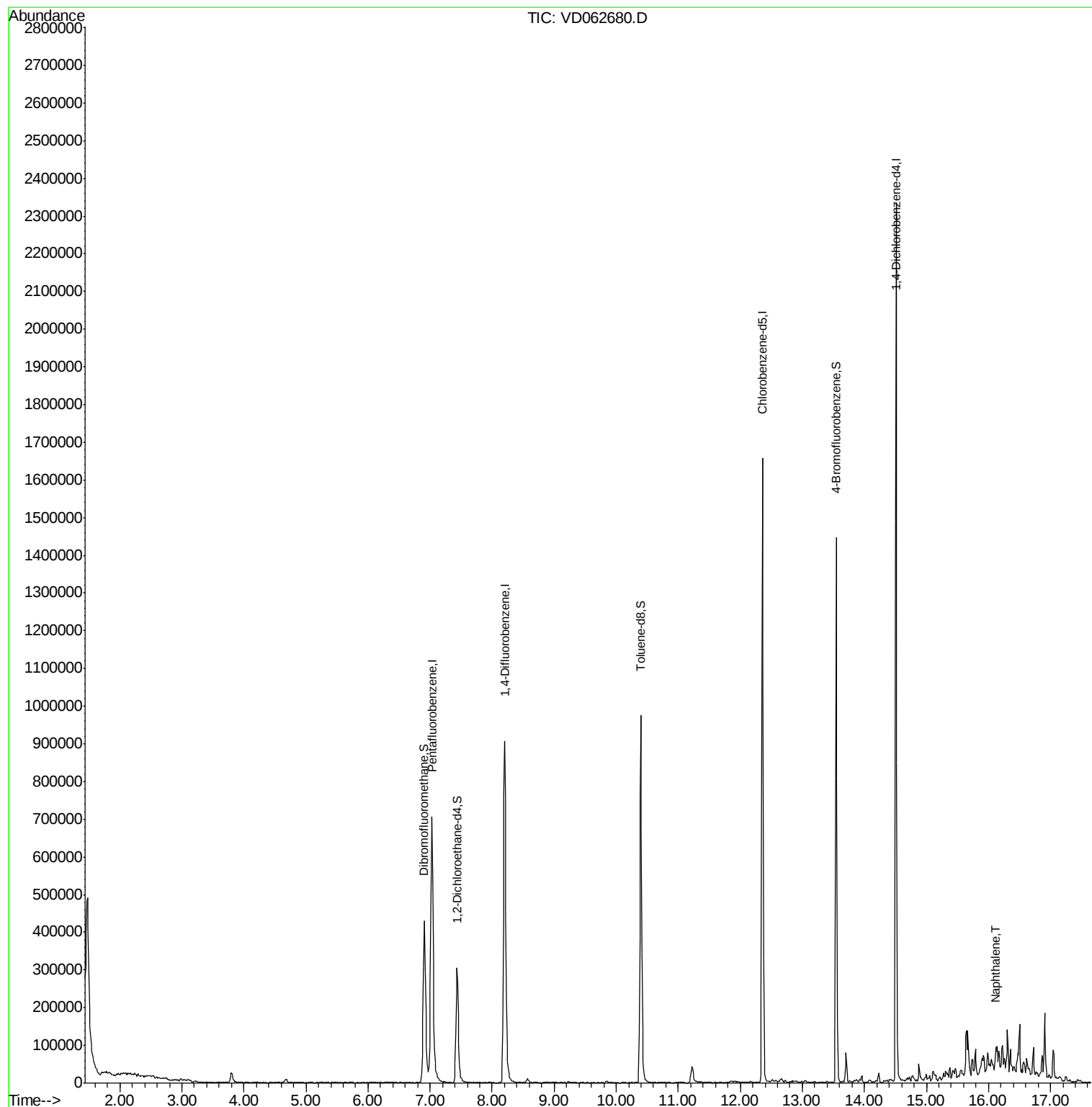
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	686278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	972787	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	846051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	491935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	363722	36.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.46%	
35) Dibromofluoromethane	6.91	113	389615	37.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.96%	
50) Toluene-d8	10.40	98	746712	34.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.20%	
62) 4-Bromofluorobenzene	13.55	95	380723	37.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.62%	
Target Compounds						
95) Naphthalene	16.12	128	32072	5.122	ug/l #	Qvalue 82

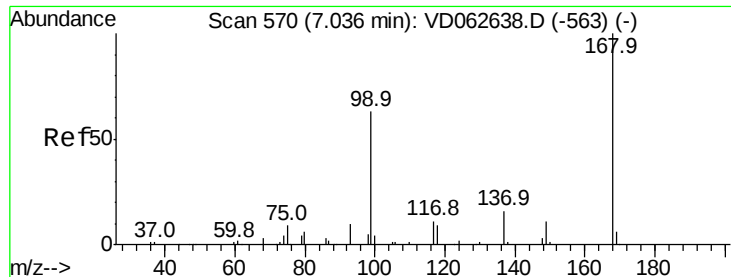
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

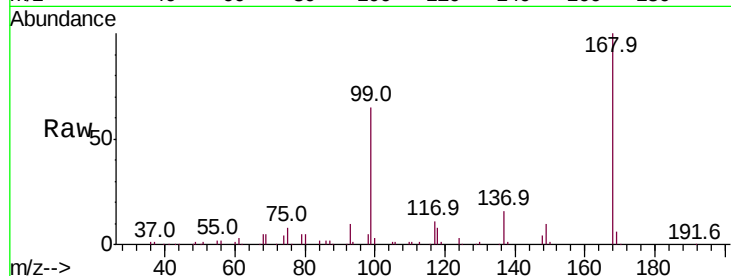
SB-3 9.0-9.5 060719

Tot Ion:168 Resp: 686278

Ion Ratio Lower Upper

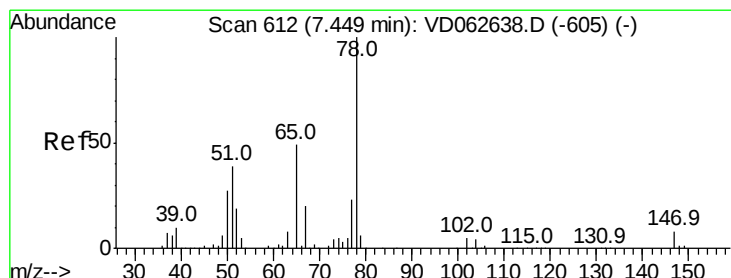
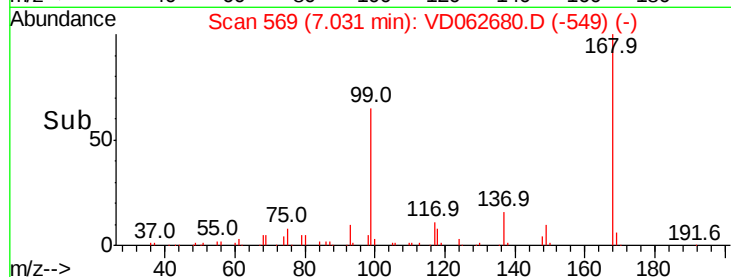
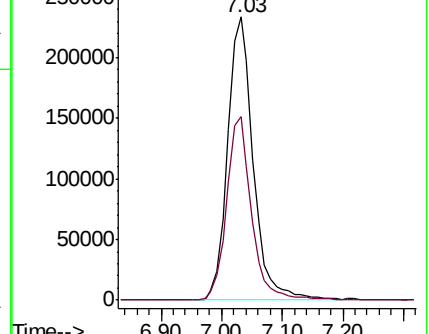
168 100

99 64.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 36.729 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD062680.D

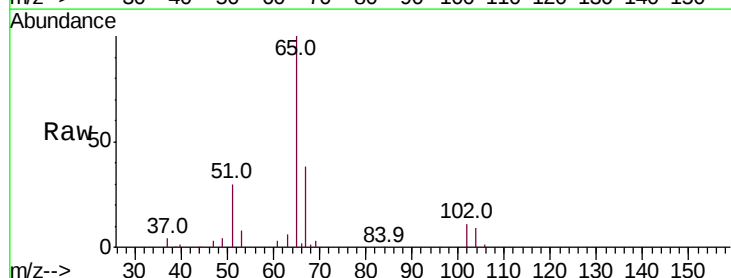
Acq: 12 Jun 2019 17:57

Tgt Ion: 65 Resp: 363722

Ion Ratio Lower Upper

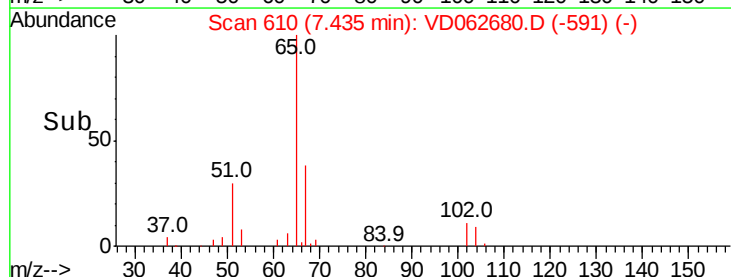
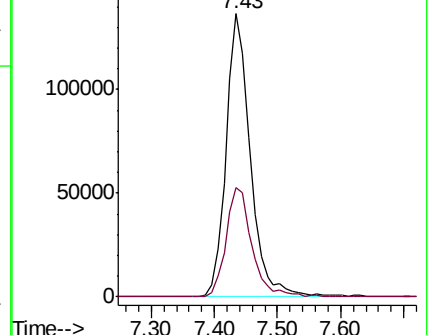
65 100

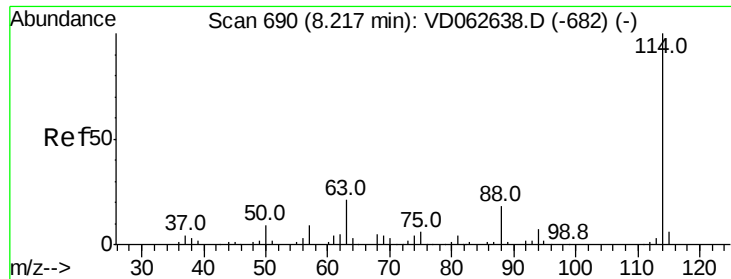
67 38.4 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

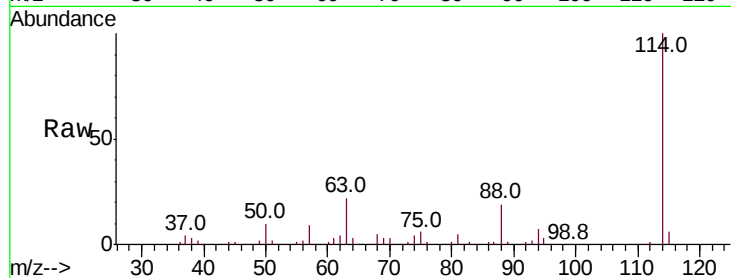




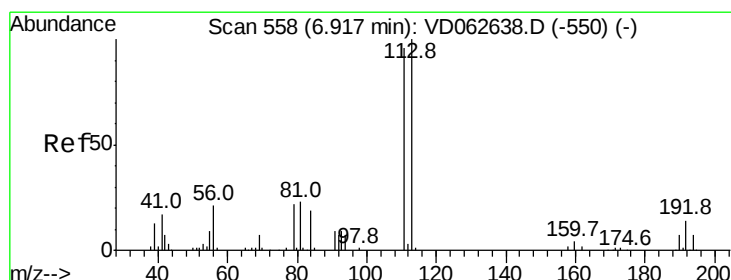
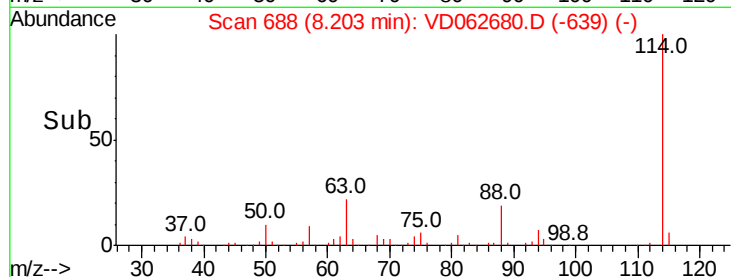
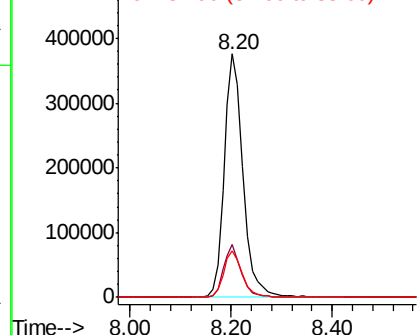
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD062680.D
 Acq: 12 Jun 2019 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3 9.0-9.5 060719

Tot Ion:114 Resp: 972787
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 19.0 0.0 36.8

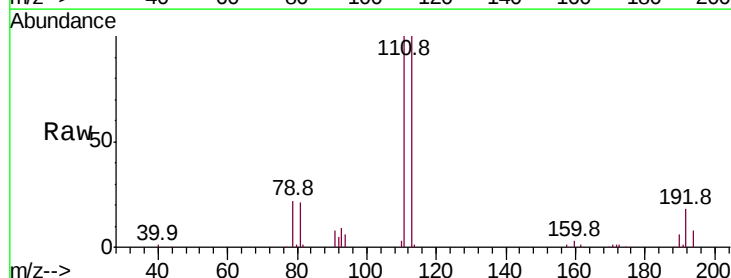


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

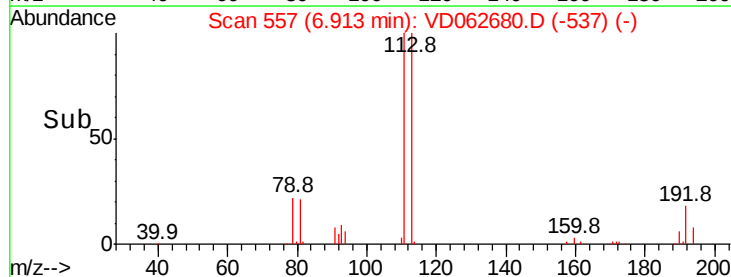
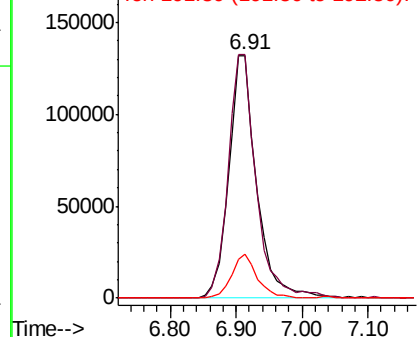


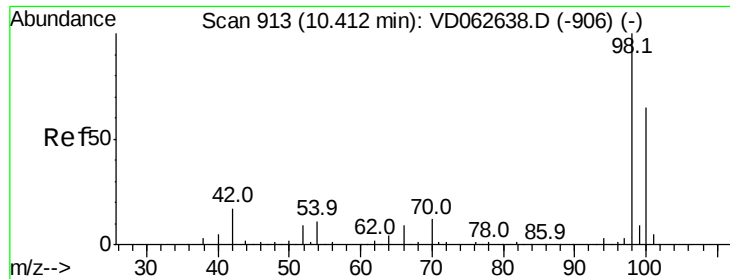
#35
 Dibromofluoromethane
 Concen: 37.977 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD062680.D
 Acq: 12 Jun 2019 17:57

Tgt Ion:113 Resp: 389615
 Ion Ratio Lower Upper
 113 100
 111 100.2 76.4 114.6
 192 18.0 11.4 17.0#



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: 34.599 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

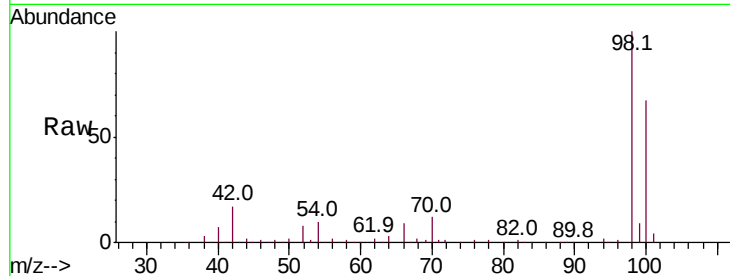
SB-3 9.0-9.5 060719

Tot Ion: 98 Resp: 746712

Ion Ratio Lower Upper

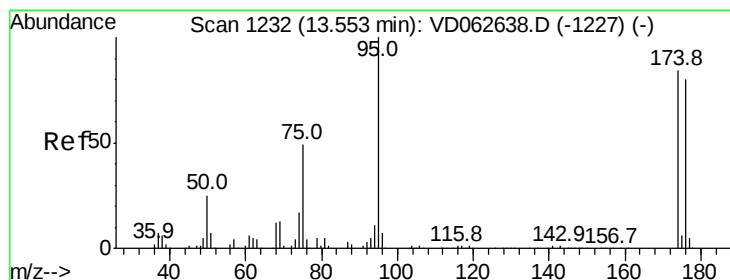
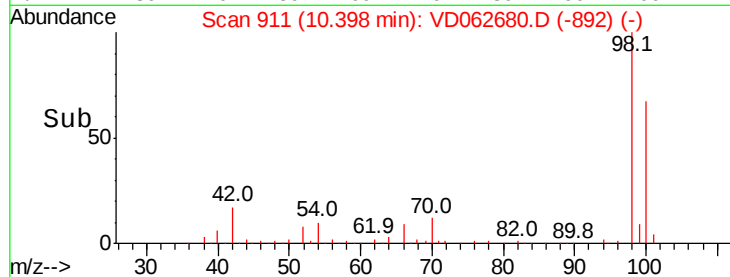
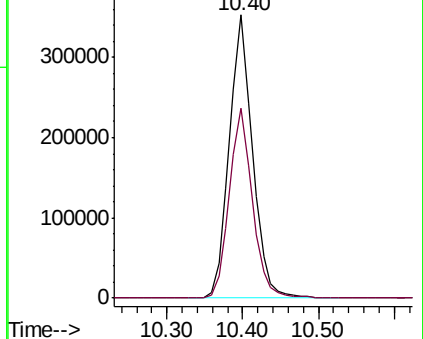
98 100

100 67.2 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)



#62

4-Bromofluorobenzene

Concen: 37.812 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

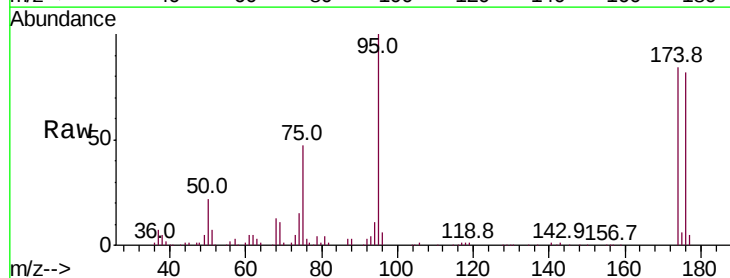
Tgt Ion: 95 Resp: 380723

Ion Ratio Lower Upper

95 100

174 83.6 0.0 167.0

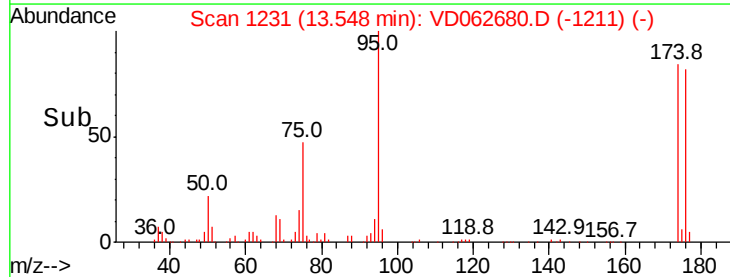
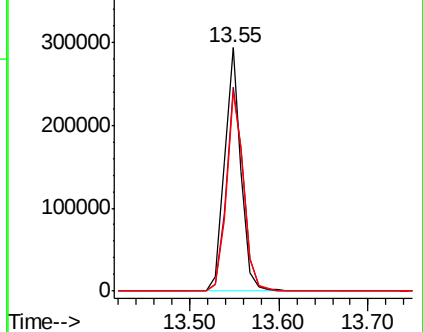
176 81.8 0.0 159.2

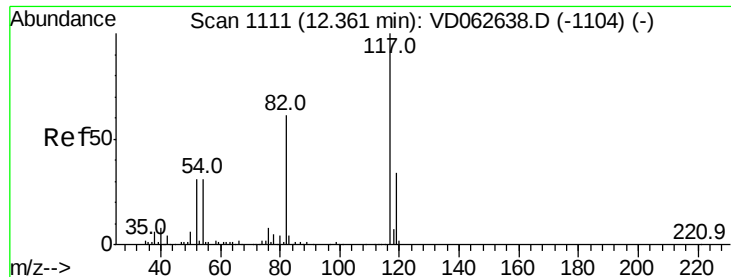


Abundance Ion 95.00 (94.70 to 95.70): VD062638.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062638.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062638.D (-1227) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

Instrument :

MSVOA_D

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SB-3 9.0-9.5 060719

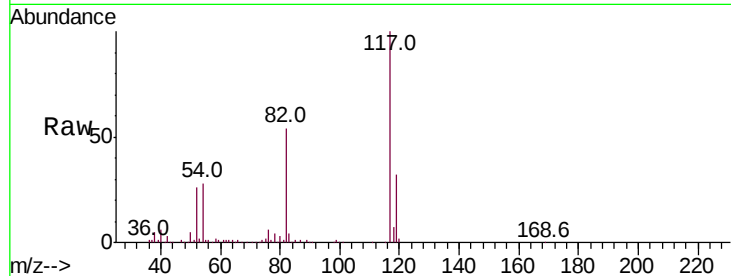
Tot Ion:117 Resp: 846051

Ion Ratio Lower Upper

117 100

82 53.7 48.7 73.1

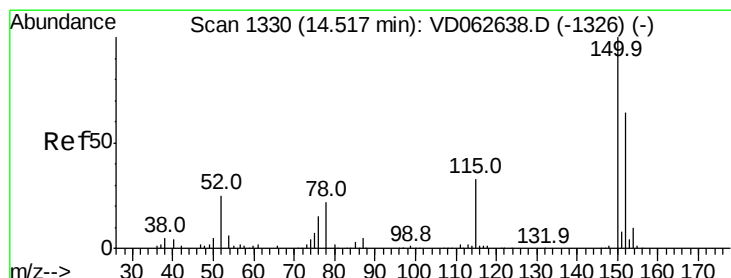
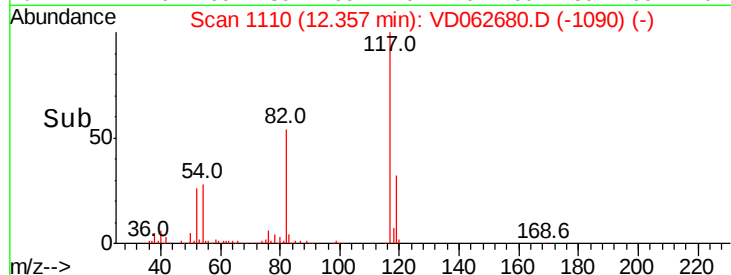
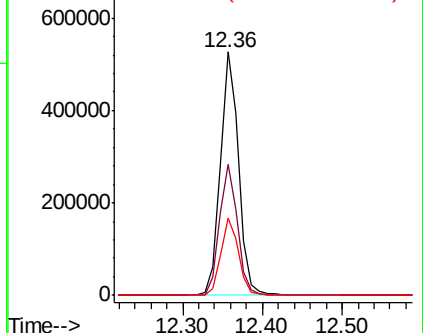
119 31.8 27.0 40.6



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: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

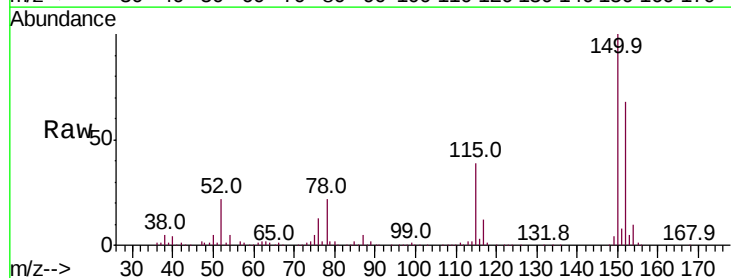
Tgt Ion:152 Resp: 491935

Ion Ratio Lower Upper

152 100

115 57.4 30.1 90.5

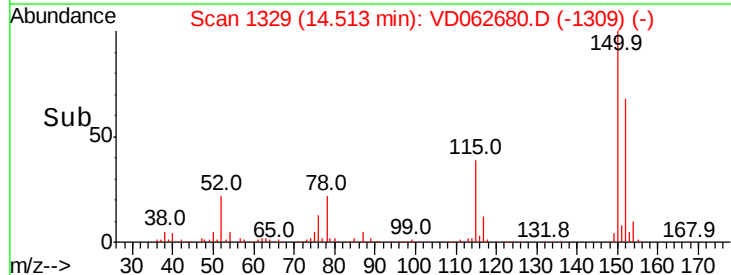
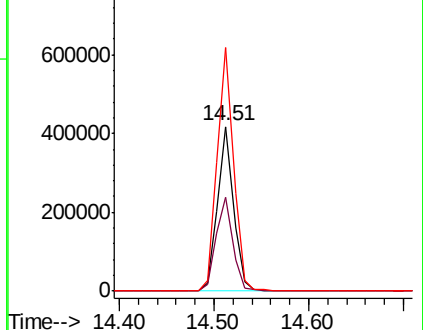
150 148.0 0.0 314.0

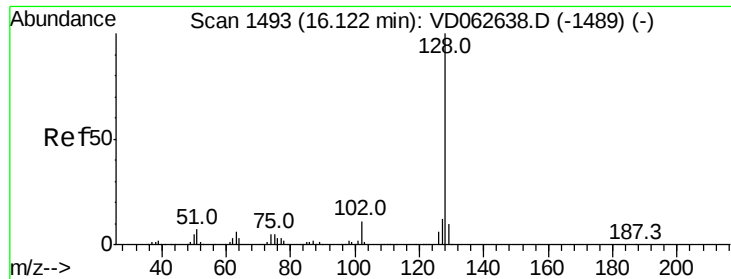


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Napthalene

Concen: 5.122 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD062680.D

Acq: 12 Jun 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

SB-3 9.0-9.5 060719

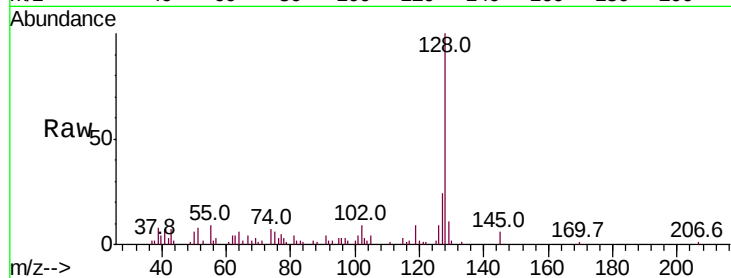
Tot Ion:128 Resp: 32072

Ion Ratio Lower Upper

128 100

127 23.8 9.7 14.5#

129 11.0 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

