

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW051219\
 Data File : VW010406.D
 Acq On : 12 May 2019 14:15
 Operator : SY/VA
 Sample : K2718-20
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS007-1824-01

Quant Time: May 14 09:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	565153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	397104	148.35	ug/l	0.00
Spiked Amount			Recovery	=	296.70%	
35) Dibromofluoromethane	7.88	113	291328	88.09	ug/l	0.00
Spiked Amount			Recovery	=	176.18%	
50) Toluene-d8	10.32	98	356079	26.44	ug/l	0.00
Spiked Amount			Recovery	=	52.88%	
62) 4-Bromofluorobenzene	12.62	95	96492	20.35	ug/l	0.00
Spiked Amount			Recovery	=	40.70%	

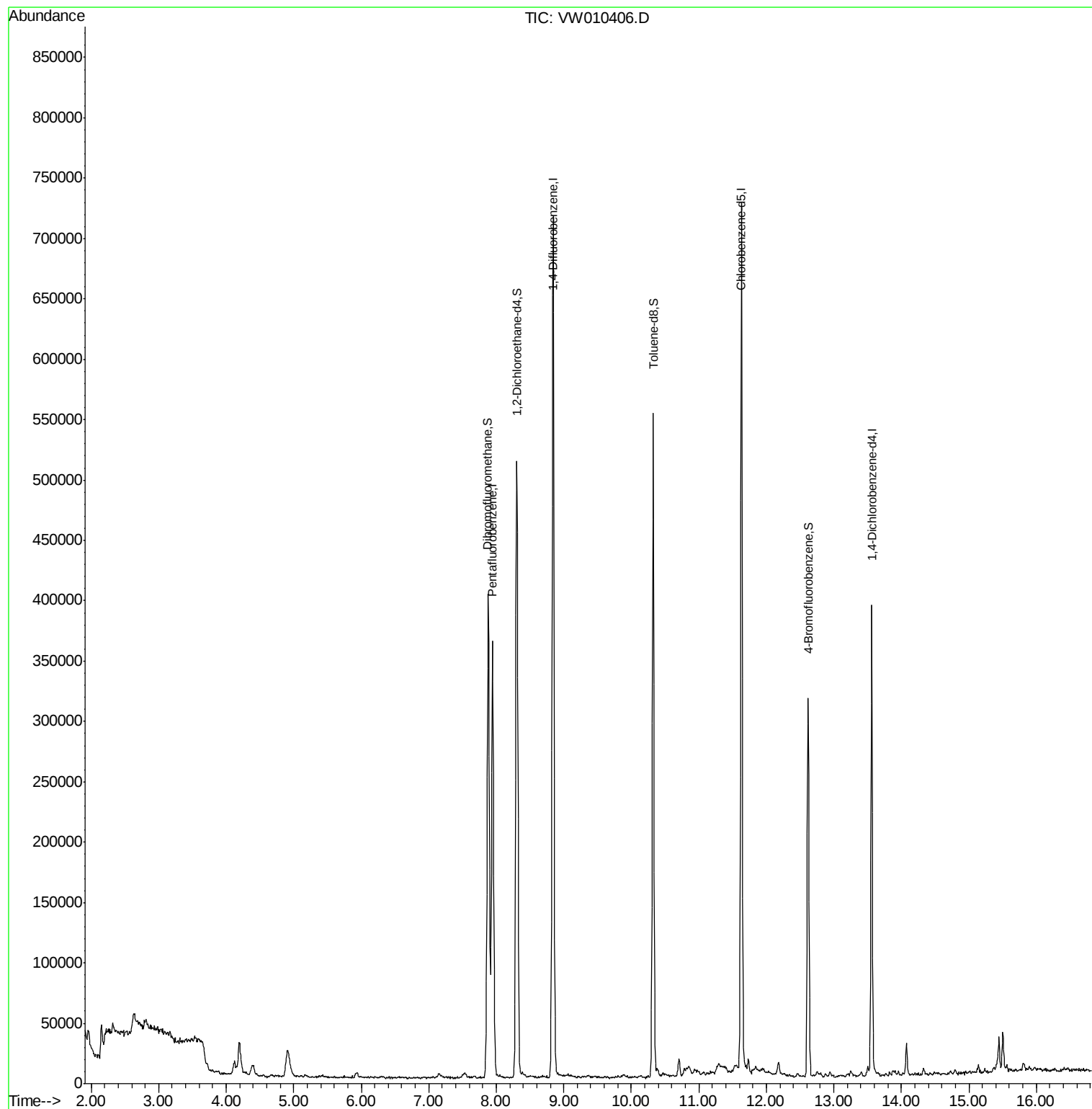
Target Compounds	Qvalue
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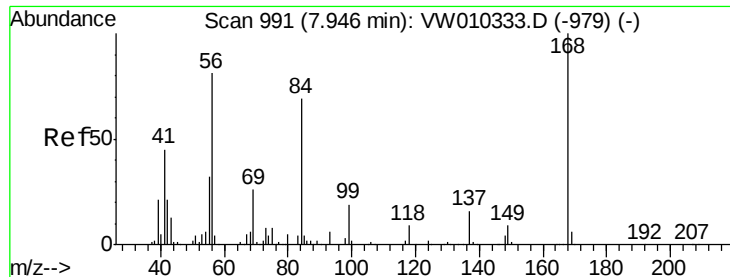
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

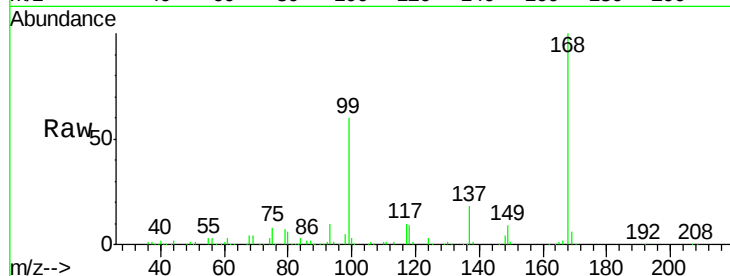
P026-SS007-1824-01

Tot Ion:168 Resp: 251777

Ion Ratio Lower Upper

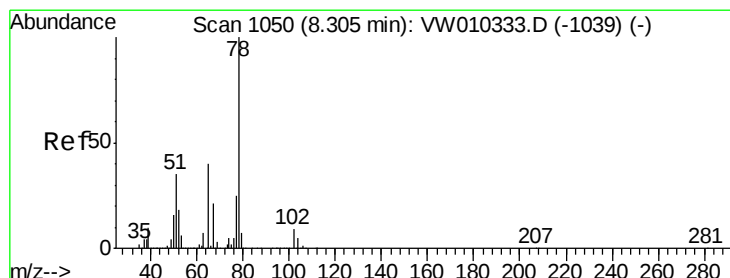
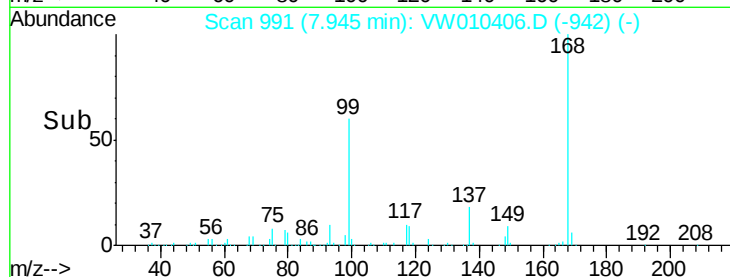
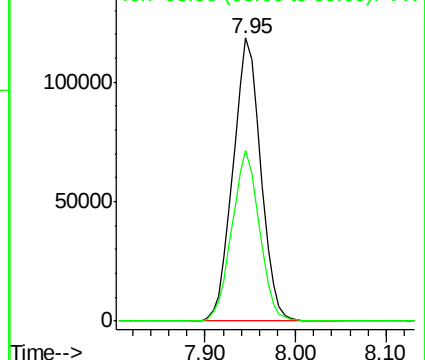
168 100

99 60.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 148.354 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010406.D

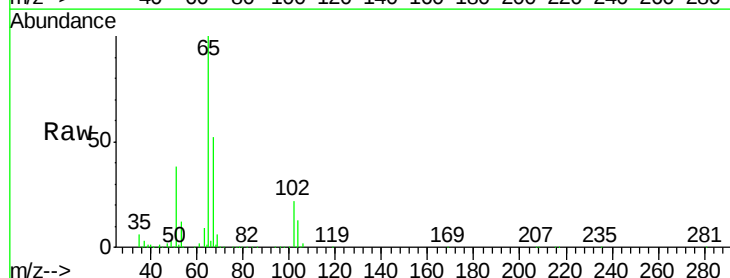
Acq: 12 May 2019 14:15

Tgt Ion: 65 Resp: 397104

Ion Ratio Lower Upper

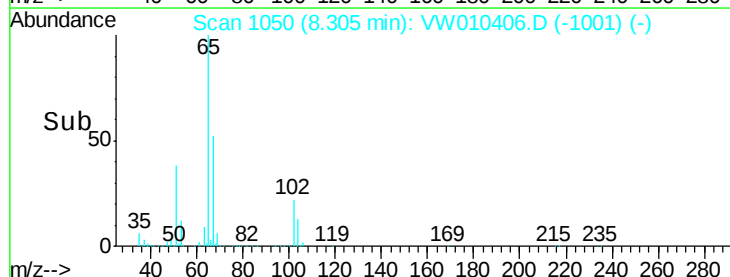
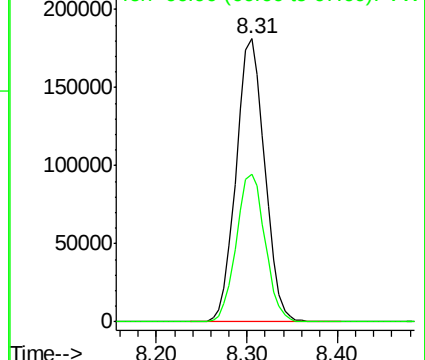
65 100

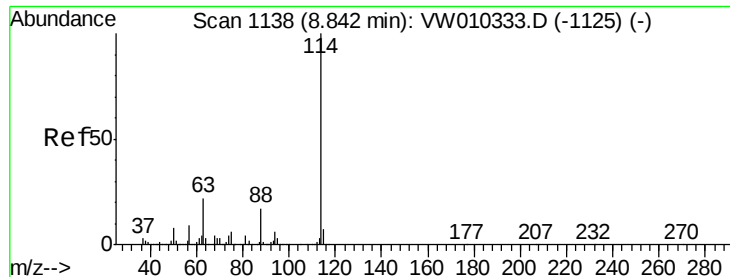
67 52.7 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-1824-01

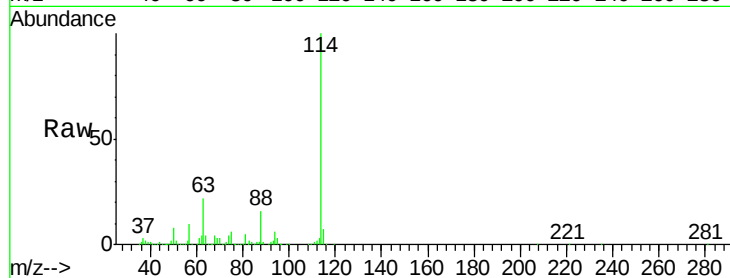
Tot Ion:114 Resp: 565153

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

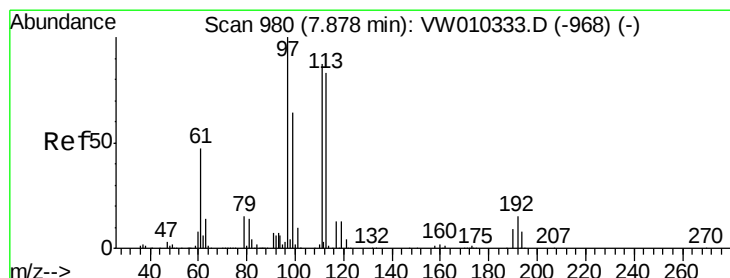
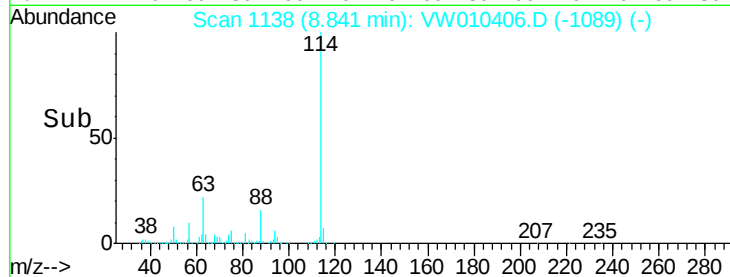
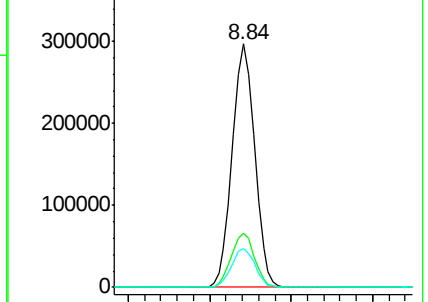
88 15.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 88.089 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

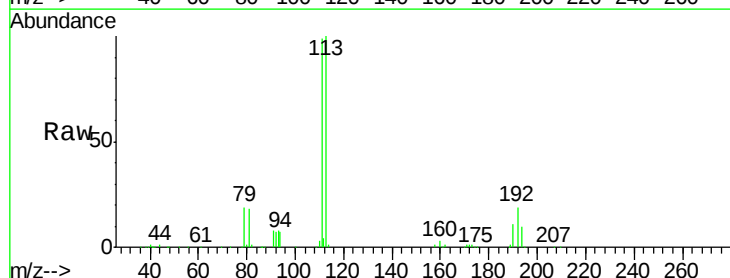
Tgt Ion:113 Resp: 291328

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

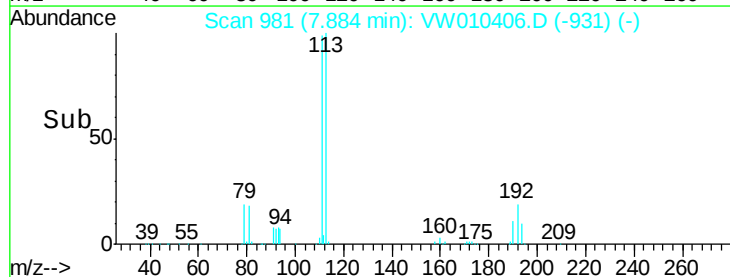
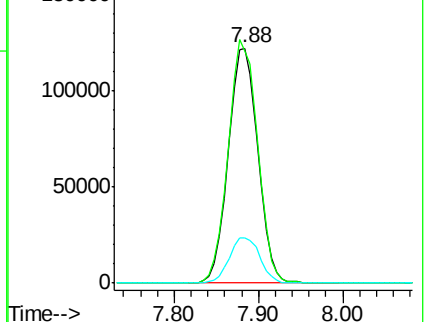
192 20.0 15.4 23.2

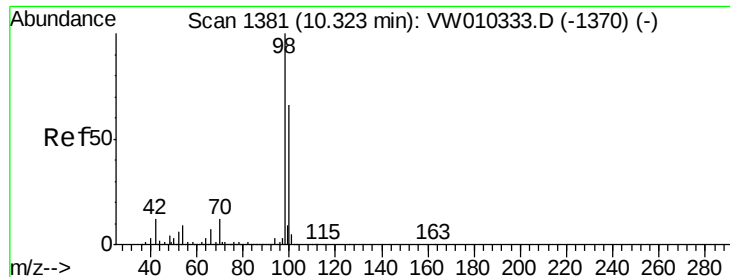


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 26.441 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

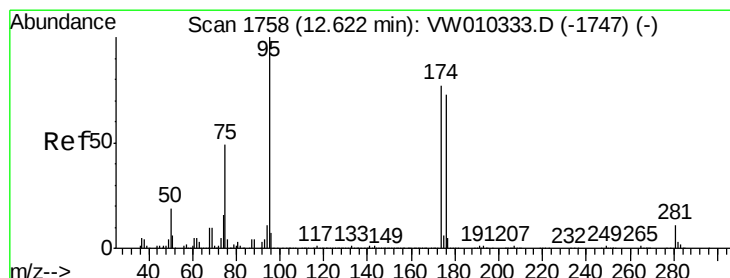
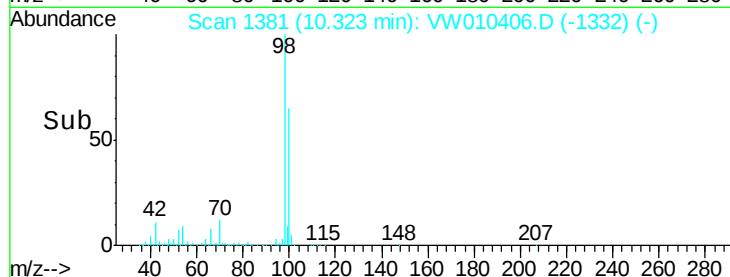
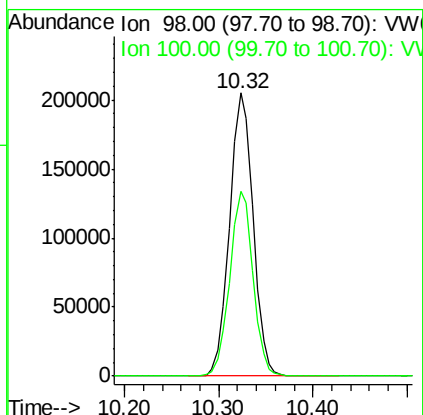
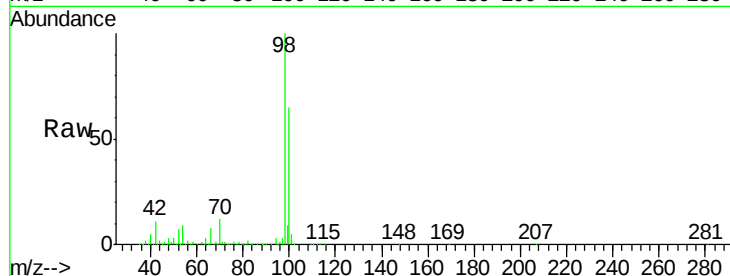
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Tot Ion: 98 Resp: 356079

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 20.355 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

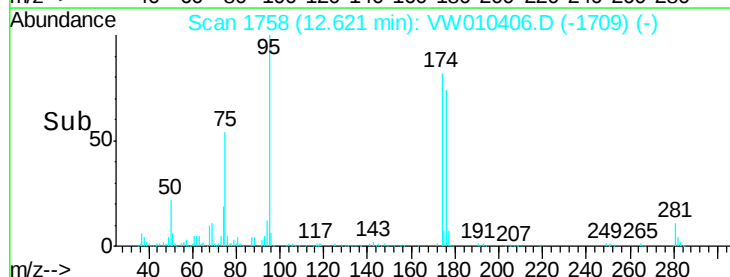
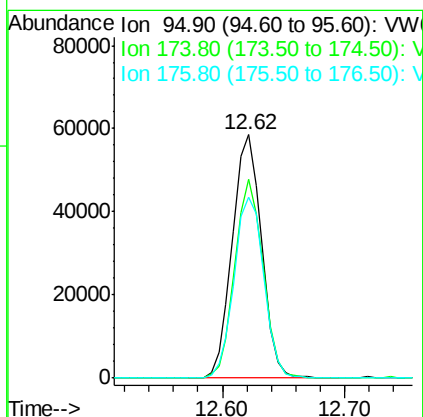
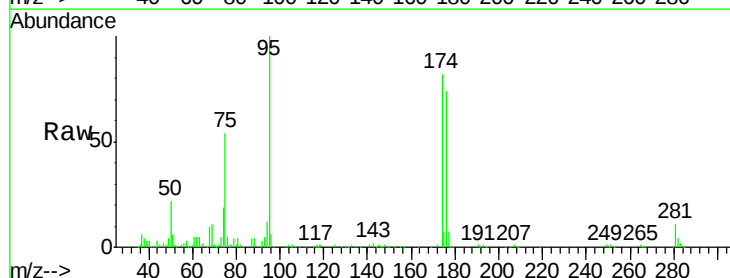
Tgt Ion: 95 Resp: 96492

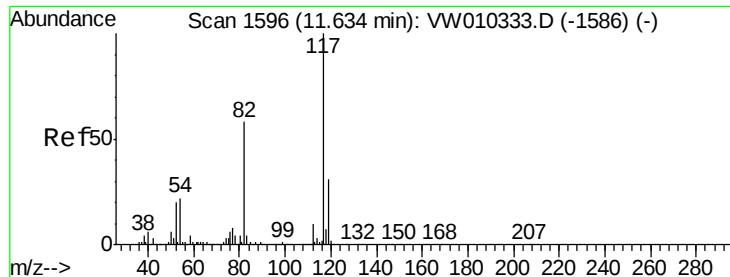
Ion Ratio Lower Upper

95 100

174 79.6 0.0 151.4

176 75.9 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-1824-01

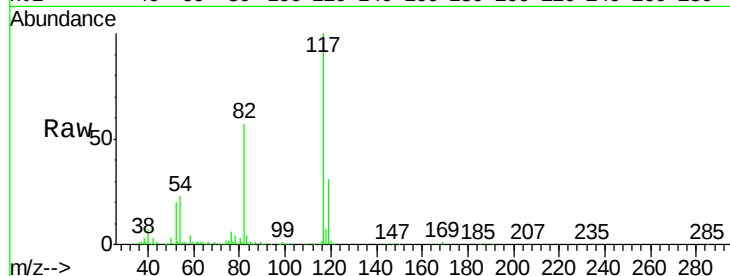
Tot Ion:117 Resp: 391120

Ion Ratio Lower Upper

117 100

82 56.9 45.2 67.8

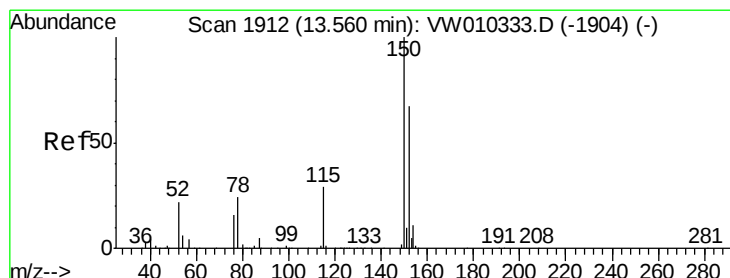
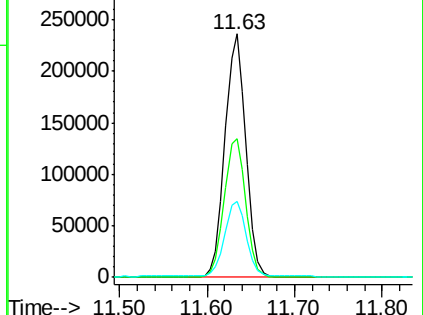
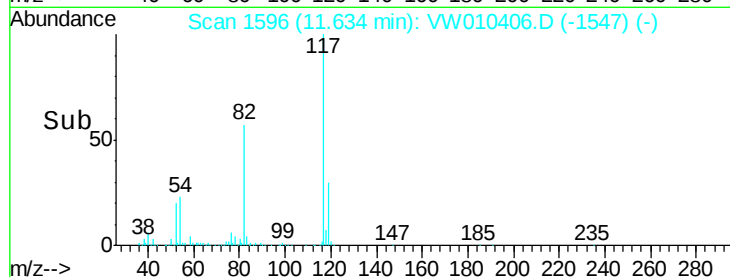
119 31.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010406.D

Acq: 12 May 2019 14:15

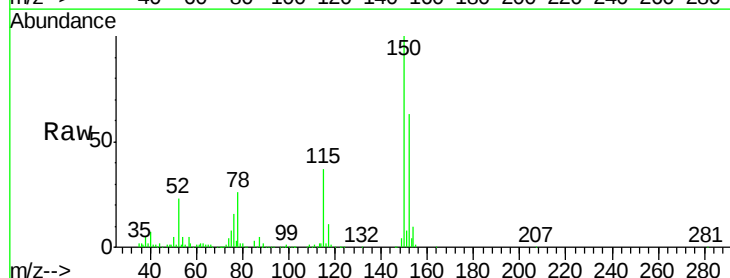
Tgt Ion:152 Resp: 95592

Ion Ratio Lower Upper

152 100

115 59.5 30.4 91.2

150 159.4 0.0 347.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

