

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010587.D
 Acq On : 29 May 2019 13:29
 Operator : SY/VA
 Sample : K3072-03
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: May 30 08:34:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	227669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	199345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68842	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	67551	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	275589	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	98826	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

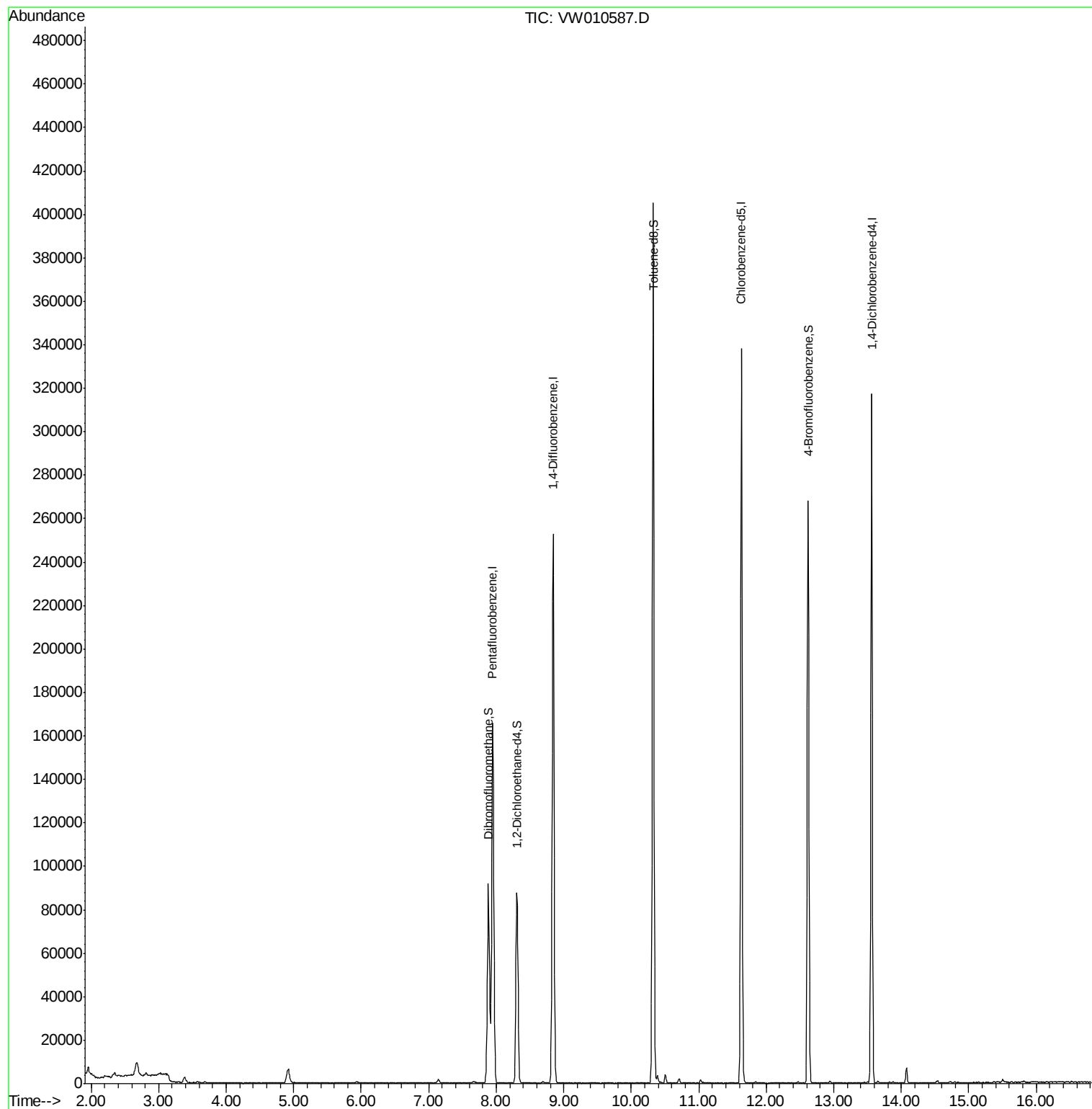
Target Compounds	Qvalue
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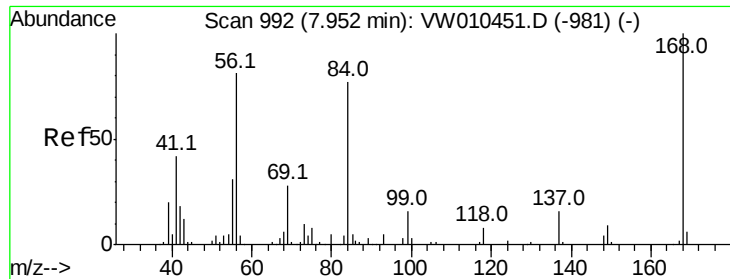
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052919\
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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

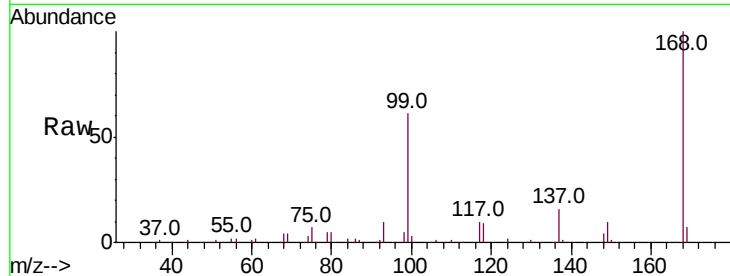
Instrument :
MSVOA_W
ClientSampled :
TP-3

Tot Ion:168 Resp: 126189

Ion Ratio Lower Upper

168 100

99 61.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

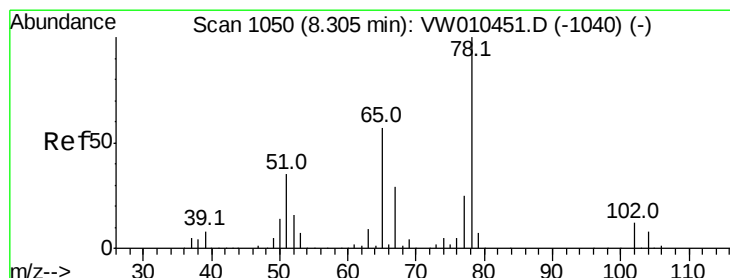
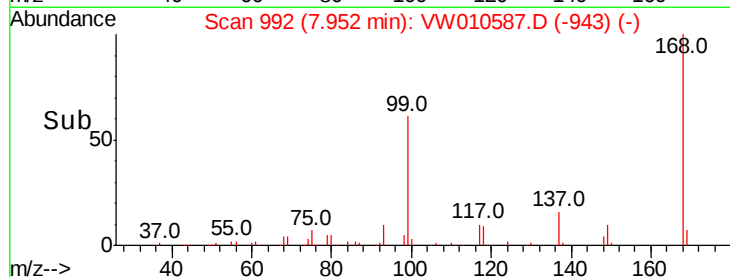
20000

10000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.854 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010587.D

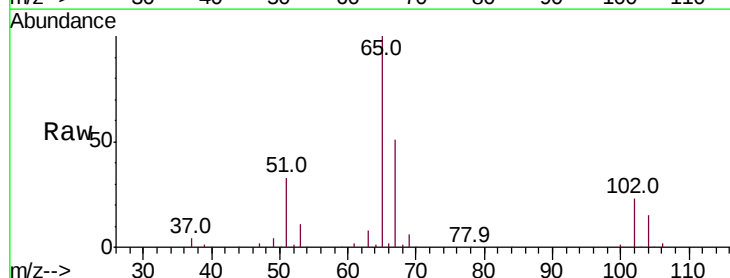
Acq: 29 May 2019 13:29

Tgt Ion: 65 Resp: 68842

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

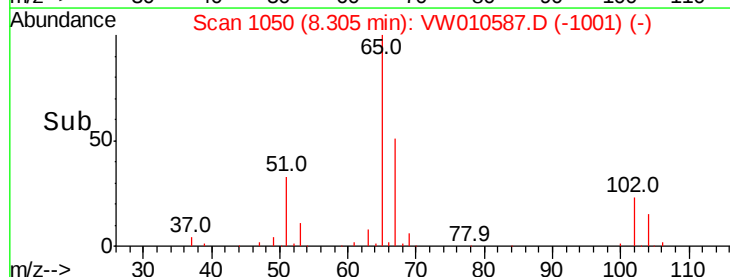
20000

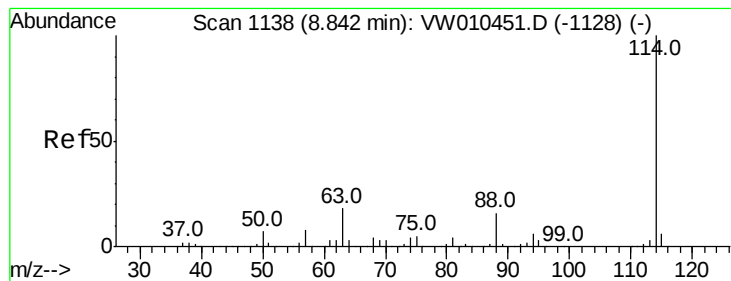
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

TP-3

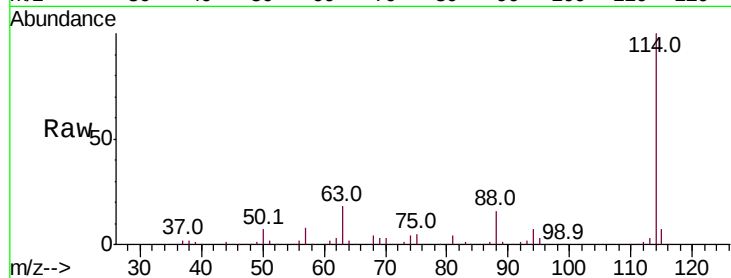
Tot Ion:114 Resp: 227669

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.0

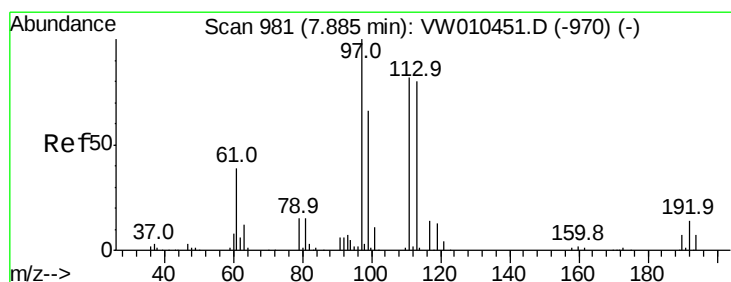
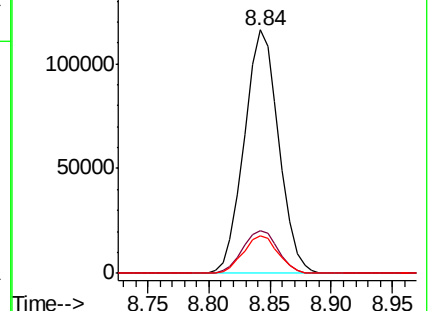
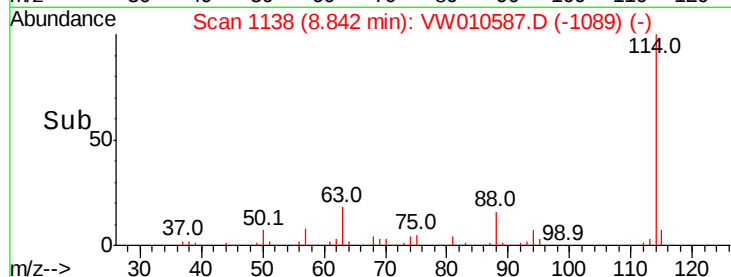
88 15.5 0.0 32.0



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: 48.899 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

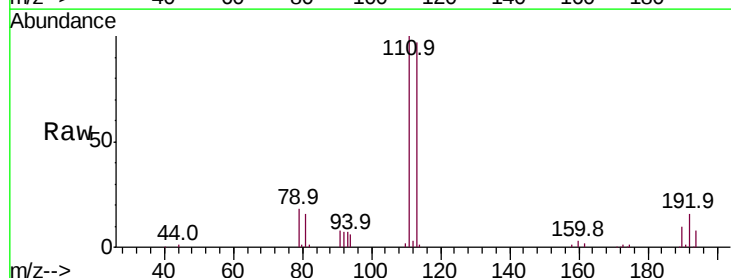
Tgt Ion:113 Resp: 67551

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

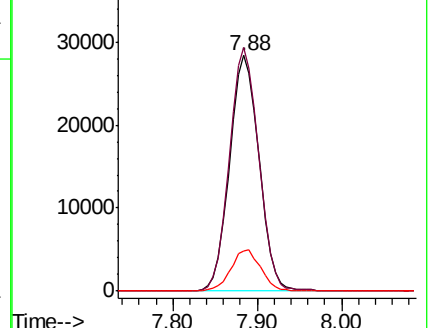
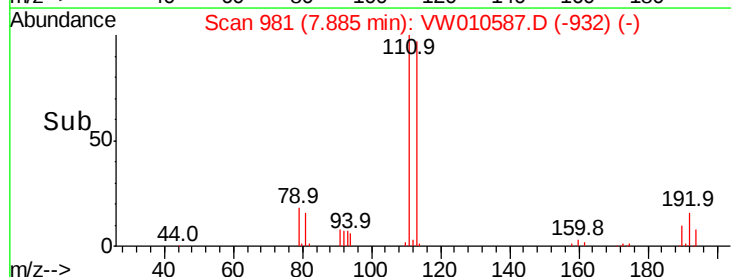
192 17.6 14.3 21.5

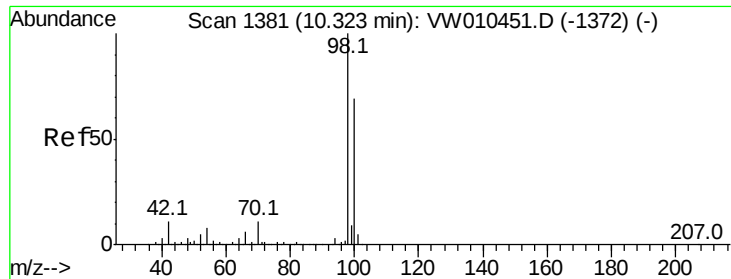


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

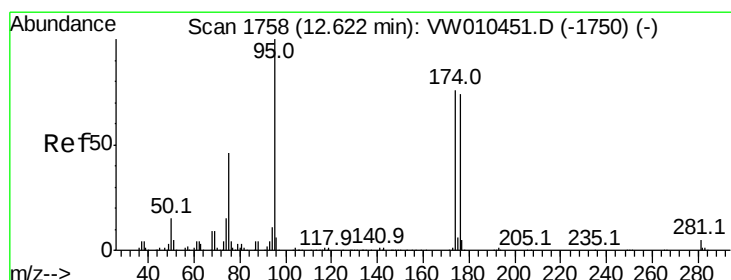
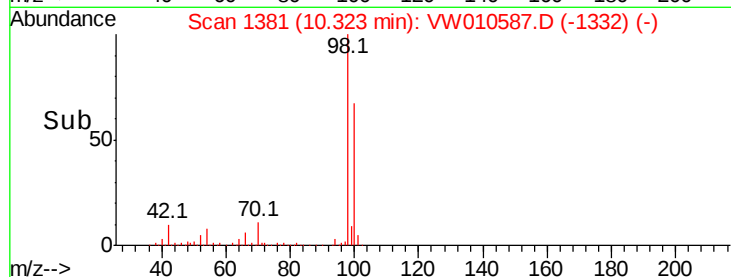
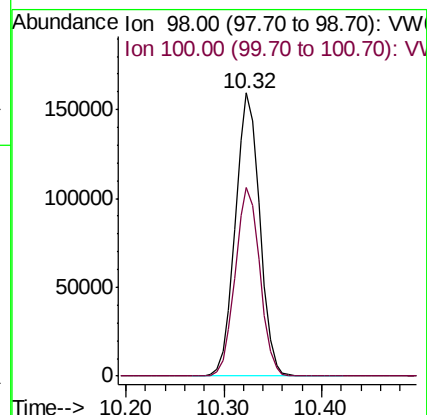
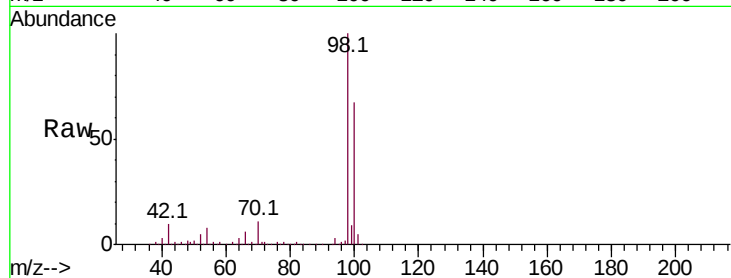
TP-3

Tot Ion: 98 Resp: 275589

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 47.013 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

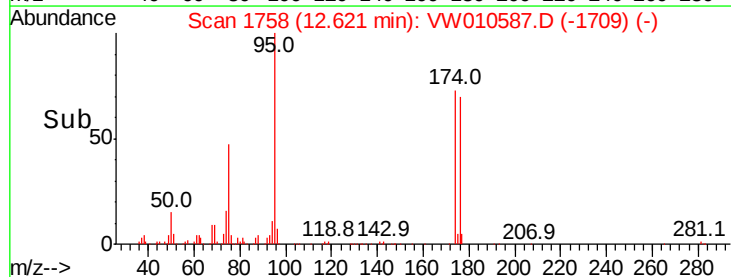
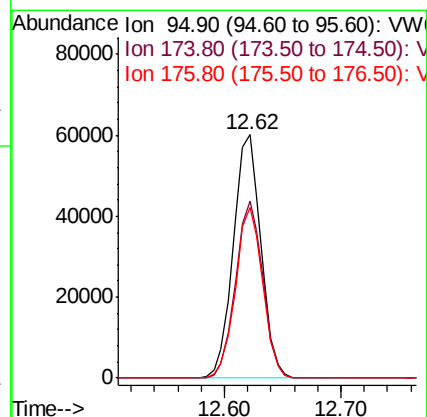
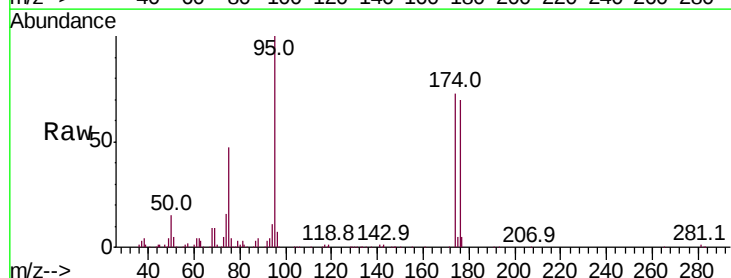
Tgt Ion: 95 Resp: 98826

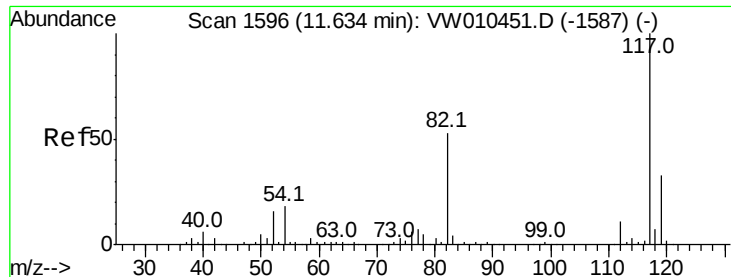
Ion Ratio Lower Upper

95 100

174 72.2 0.0 148.6

176 69.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW010587.D

Acq: 29 May 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

TP-3

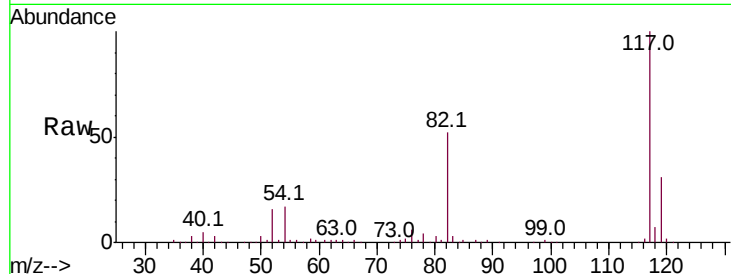
Tot Ion:117 Resp: 199345

Ion Ratio Lower Upper

117 100

82 52.1 42.8 64.2

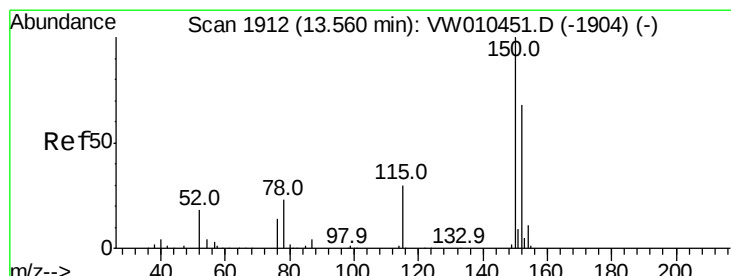
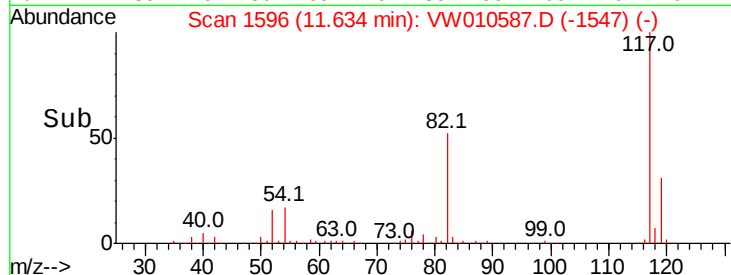
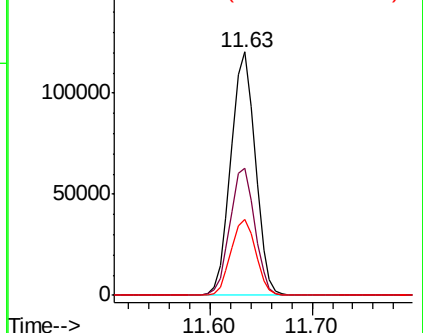
119 31.1 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV

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: VW010587.D

Acq: 29 May 2019 13:29

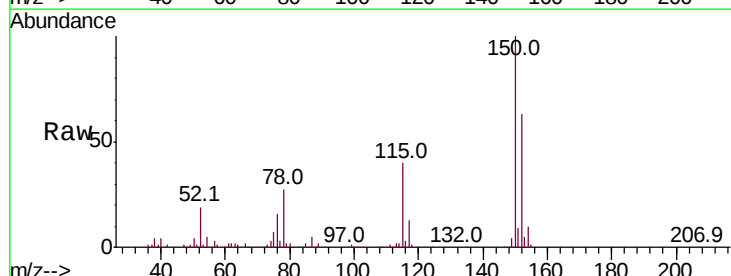
Tgt Ion:152 Resp: 84581

Ion Ratio Lower Upper

152 100

115 62.7 30.3 91.0

150 157.5 0.0 349.8



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

