

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010582.D
 Acq On : 29 May 2019 11:04
 Operator : SY/VA
 Sample : VW0529SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBL01

Quant Time: May 30 07:21:01 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	131482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	226394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86875	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	66866	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.88	113	67748	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	274069	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	98612	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

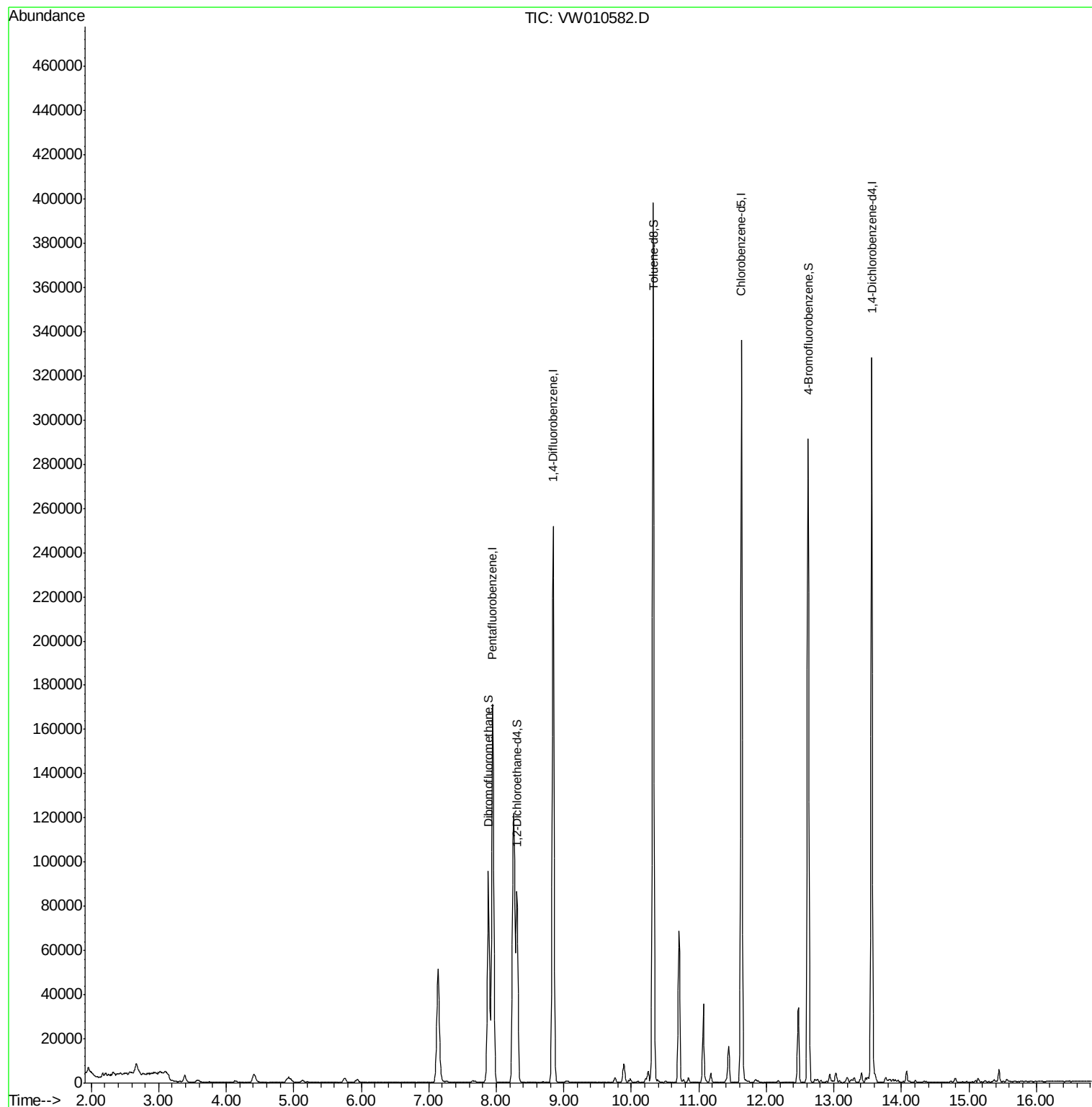
Target Compounds	Qvalue

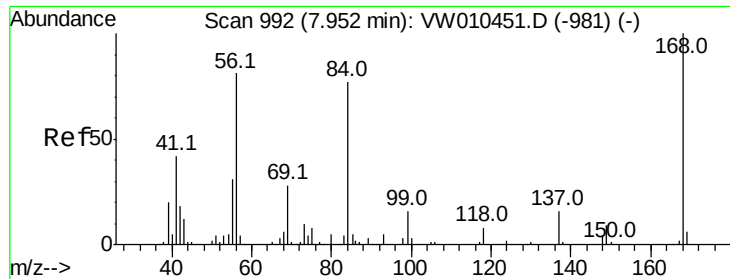
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052919\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010582.D

Acq: 29 May 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

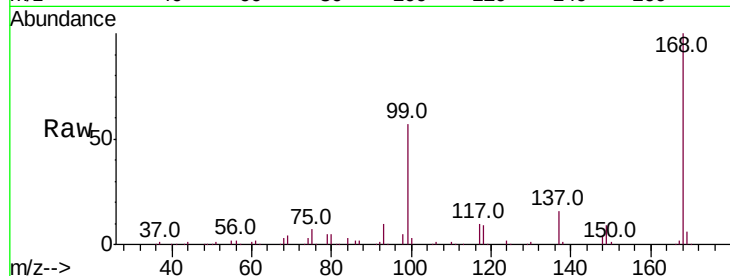
VW0529SBL01

Tot Ion:168 Resp: 131482

Ion Ratio Lower Upper

168 100

99 57.1 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

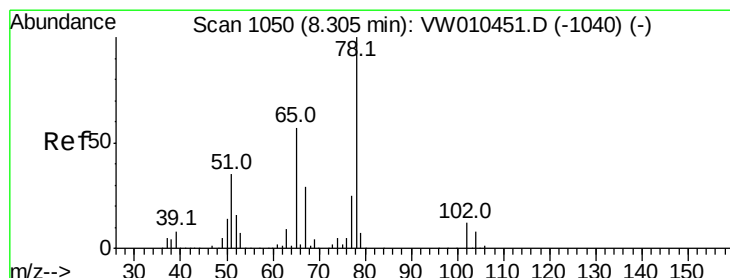
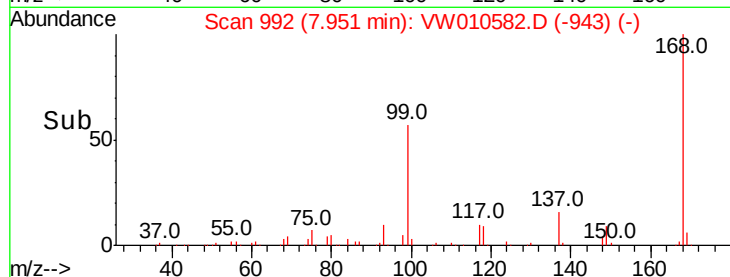
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.271 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010582.D

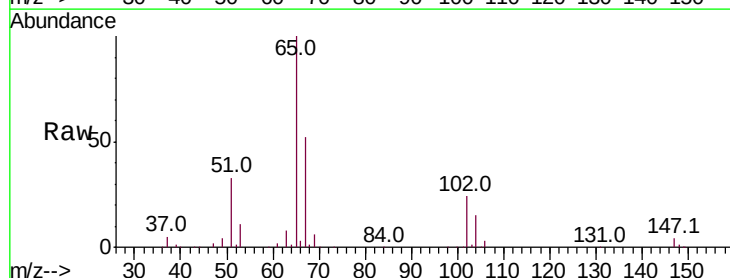
Acq: 29 May 2019 11:04

Tgt Ion: 65 Resp: 66866

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

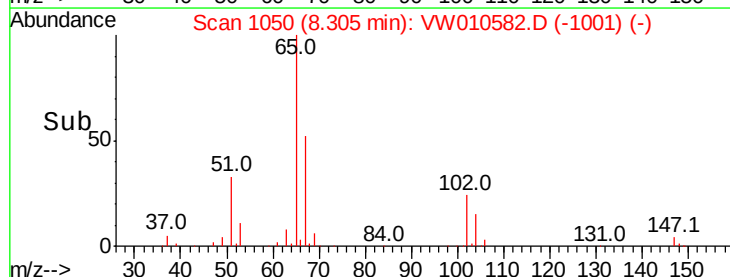
30000

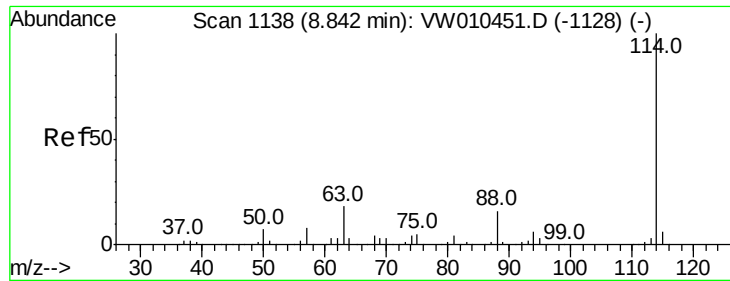
20000

10000

0

Time--> 8.20 8.25 8.30 8.35 8.40

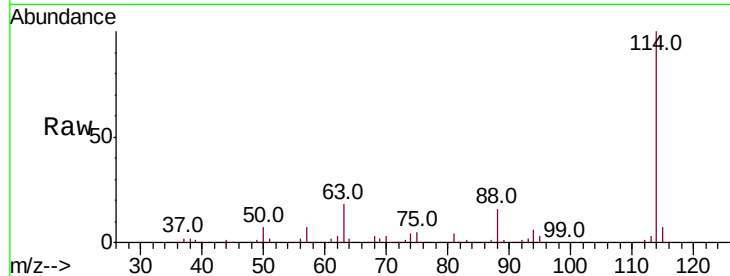




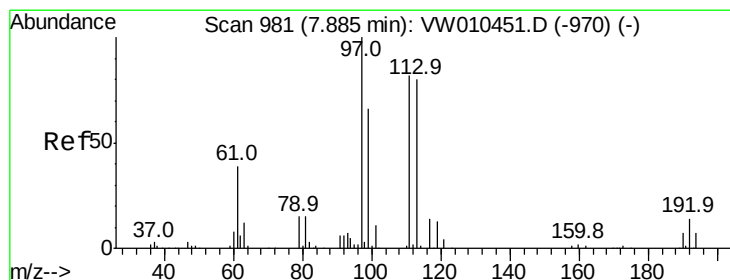
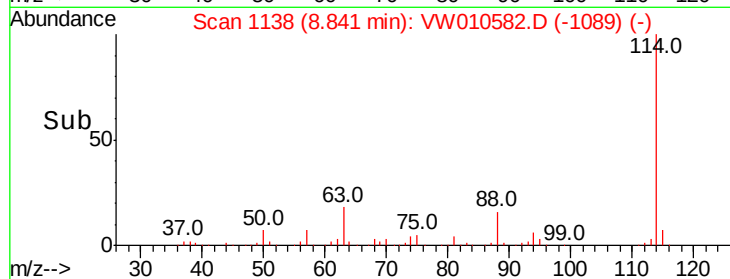
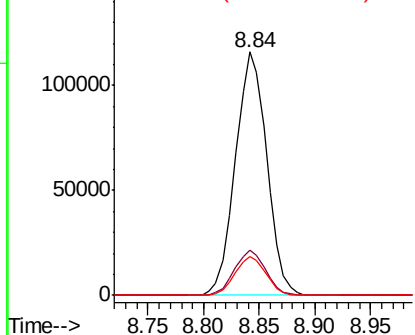
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010582.D
 Acq: 29 May 2019 11:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBL01

Tot Ion:114 Resp: 226394
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 15.7 0.0 32.0

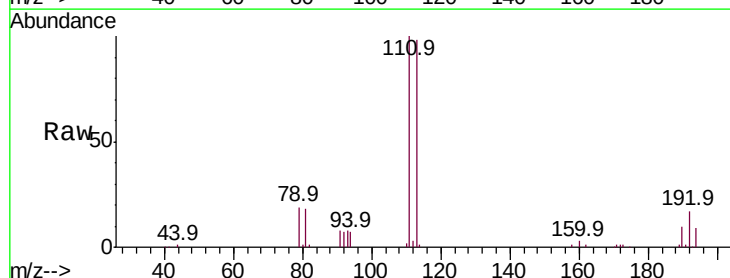


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

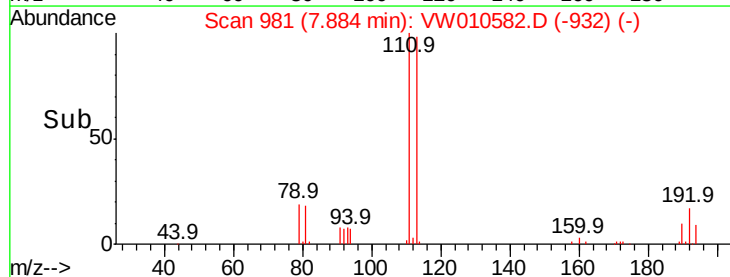
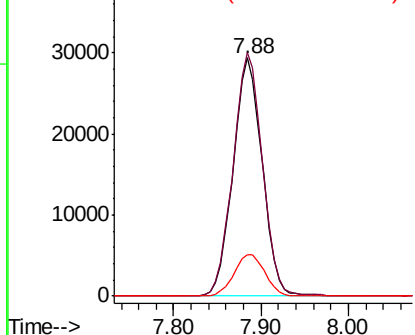


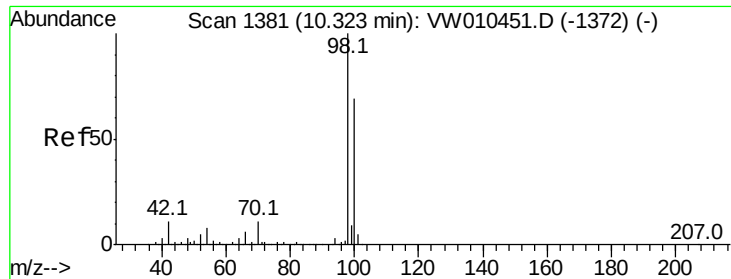
#35
 Dibromofluoromethane
 Concen: 49.317 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010582.D
 Acq: 29 May 2019 11:04

Tgt Ion:113 Resp: 67748
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 18.5 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: 52.224 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010582.D

Acq: 29 May 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

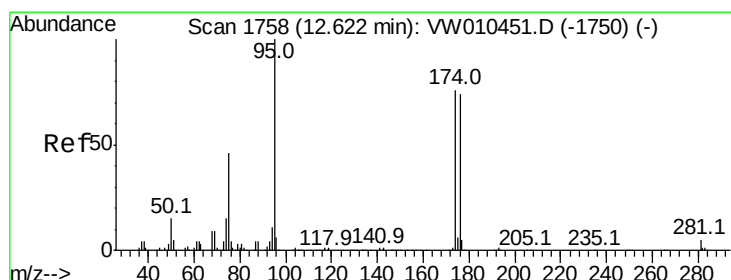
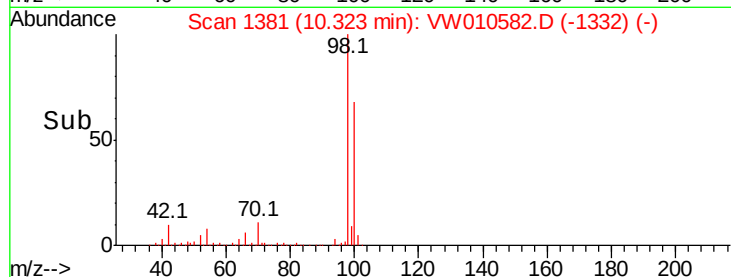
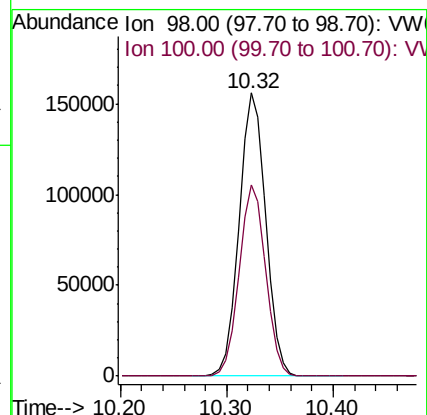
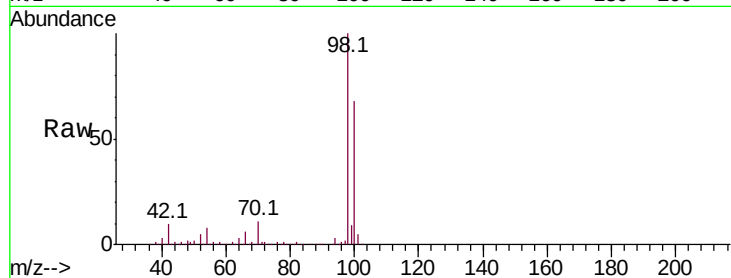
VW0529SBL01

Tot Ion: 98 Resp: 274069

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010582.D

Acq: 29 May 2019 11:04

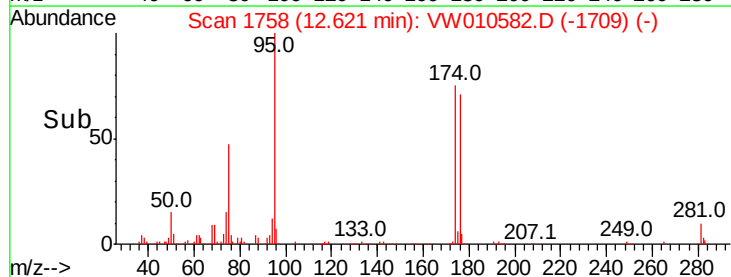
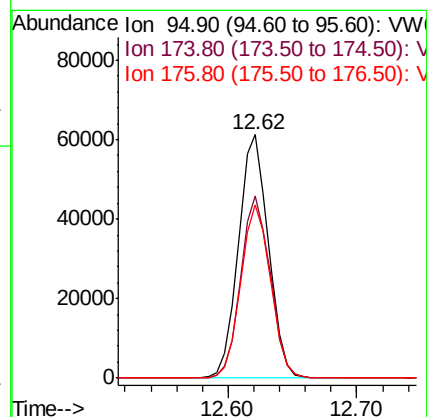
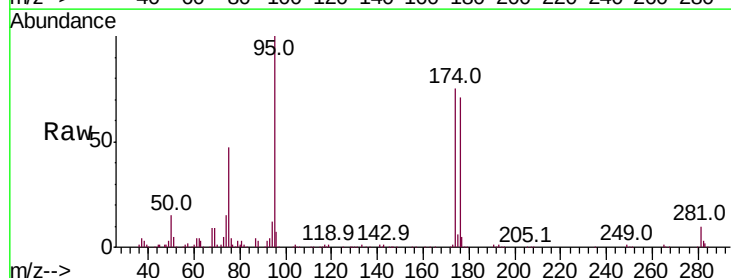
Tgt Ion: 95 Resp: 98612

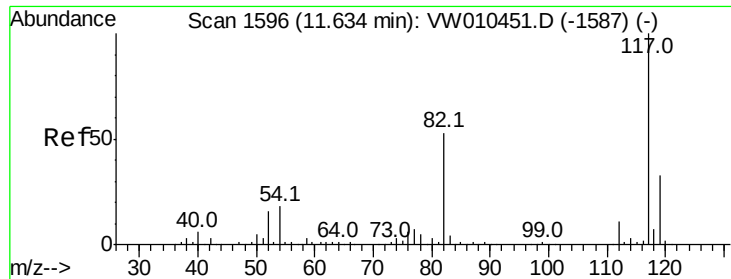
Ion Ratio Lower Upper

95 100

174 73.7 0.0 148.6

176 70.7 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: VW010582.D

Acq: 29 May 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBL01

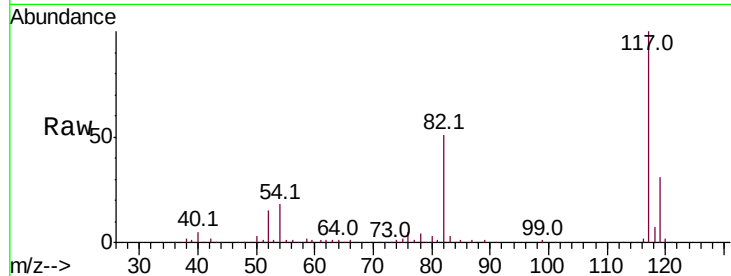
Tot Ion:117 Resp: 198944

Ion Ratio Lower Upper

117 100

82 51.4 42.8 64.2

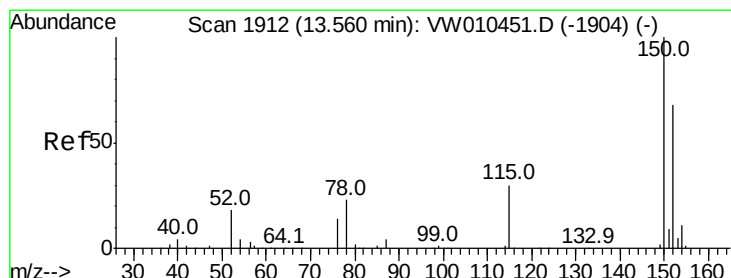
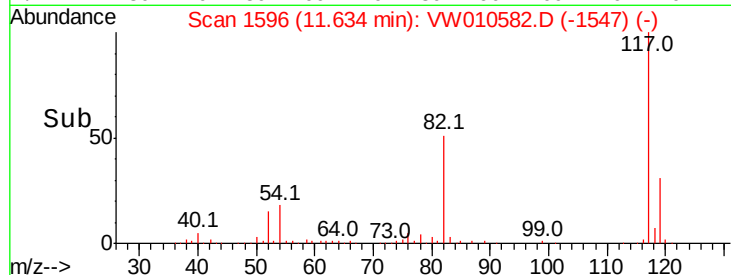
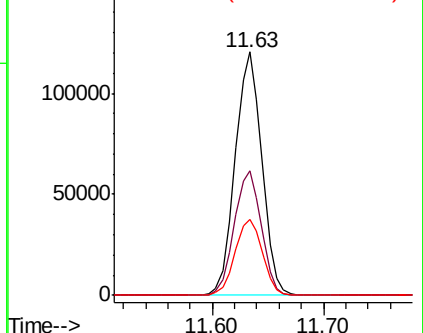
119 31.3 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW010582.D

Acq: 29 May 2019 11:04

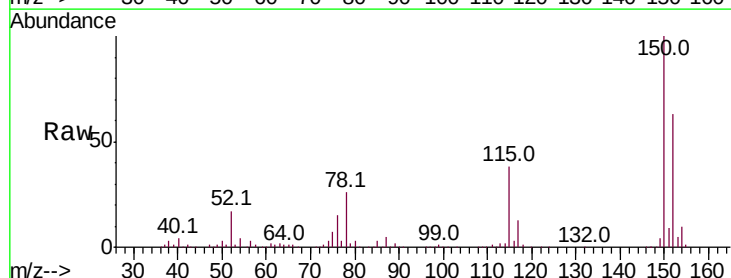
Tgt Ion:152 Resp: 86875

Ion Ratio Lower Upper

152 100

115 61.8 30.3 91.0

150 158.3 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

