

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012835.D
 Acq On : 09 Sep 2019 21:08
 Operator : SY/VA
 Sample : K4679-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB01-5.0-5.5

Quant Time: Sep 10 07:35:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112647	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	7.88	113	97947	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.32	98	398342	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	124292	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	

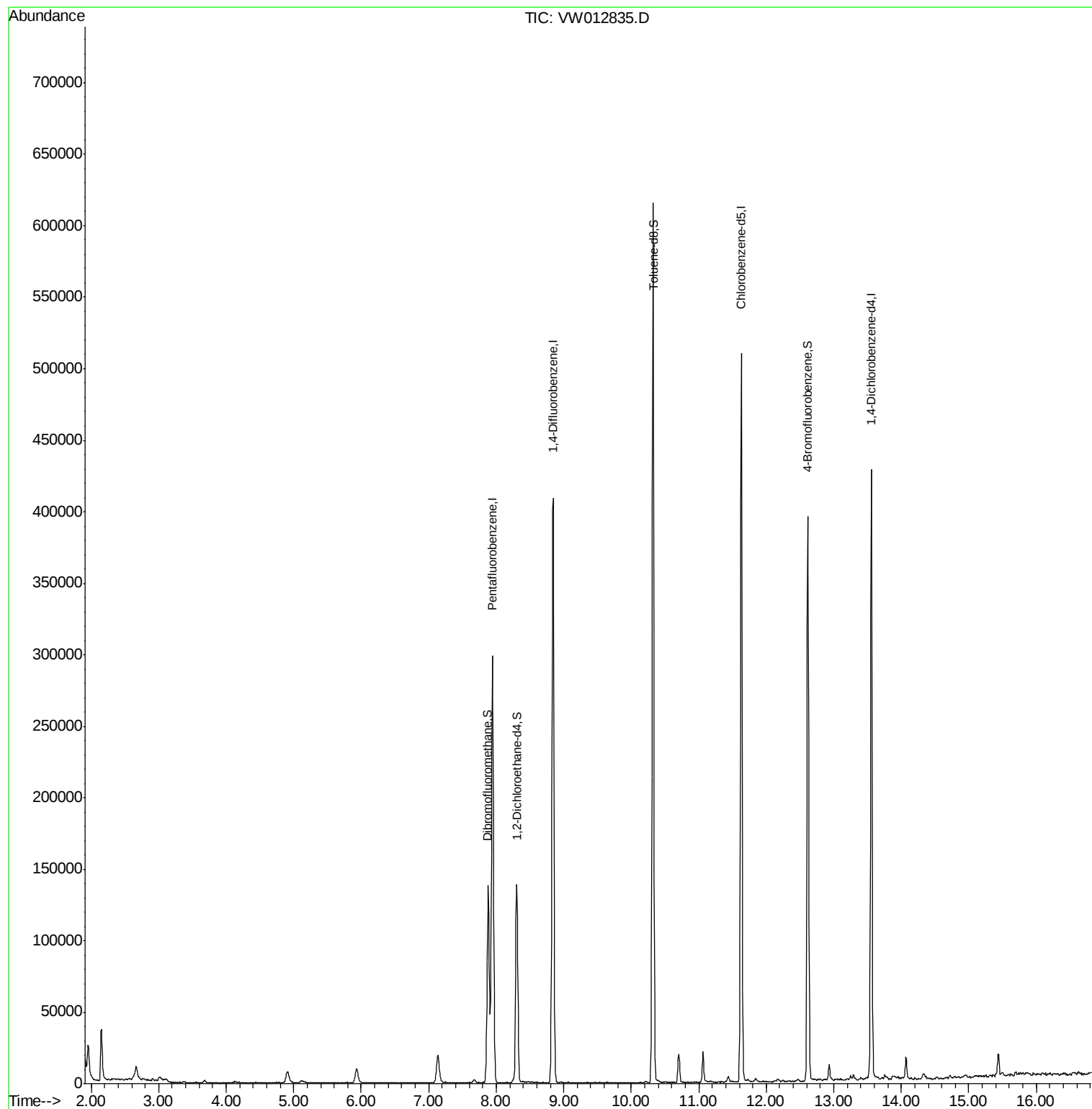
Target Compounds	Qvalue

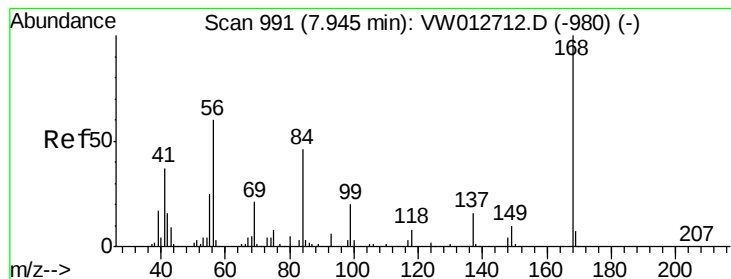
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012835.D

Acq: 09 Sep 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

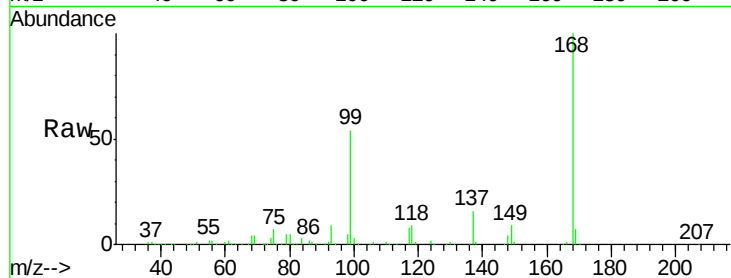
WS-SB01-5.0-5.5

Tot Ion:168 Resp: 230839

Ion Ratio Lower Upper

168 100

99 54.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

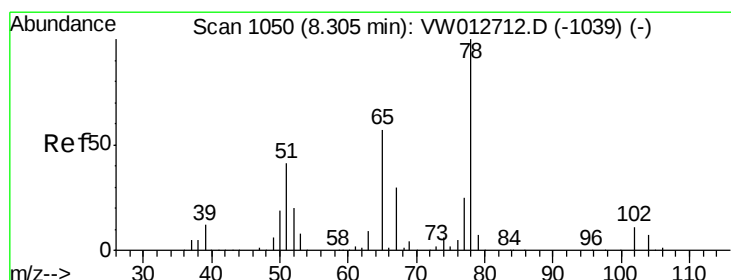
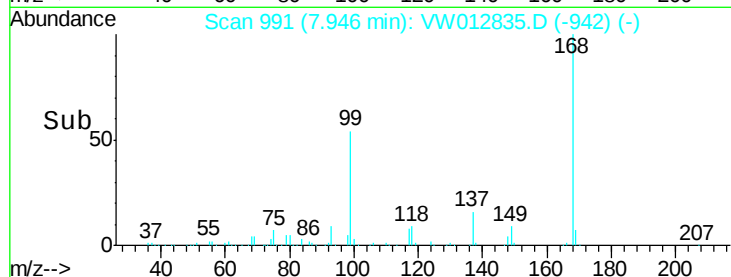
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.675 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012835.D

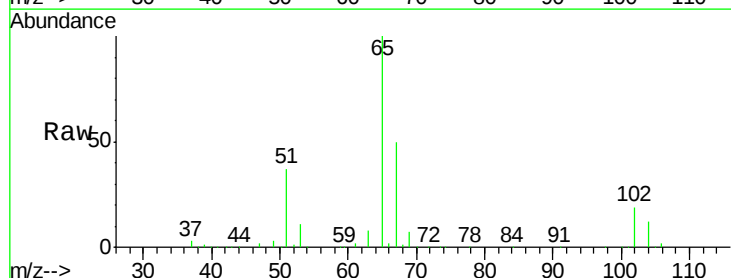
Acq: 09 Sep 2019 21:08

Tgt Ion: 65 Resp: 112647

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

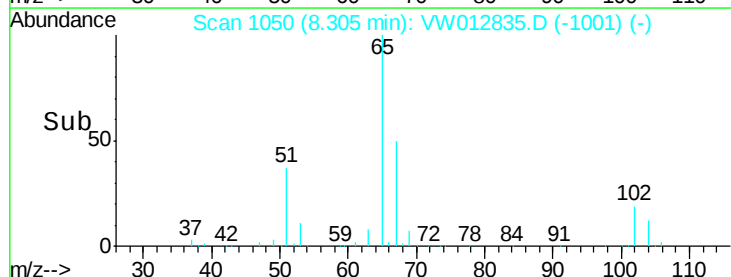
20000

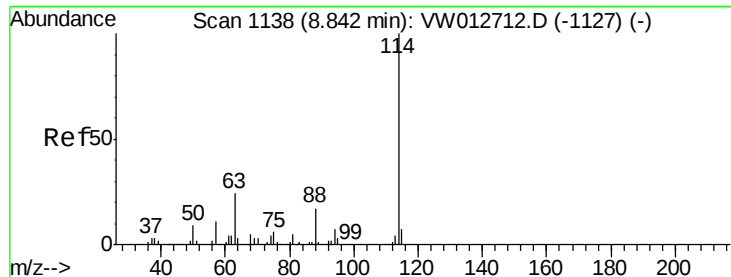
10000

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: VW012835.D

Acq: 09 Sep 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

WS-SB01-5.0-5.5

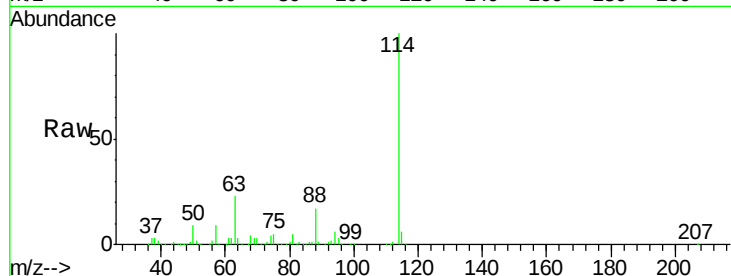
Tot Ion:114 Resp: 342686

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.2

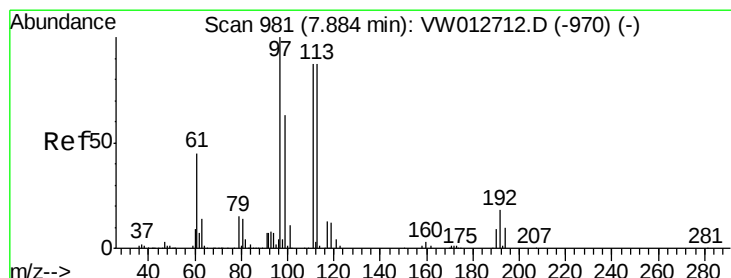
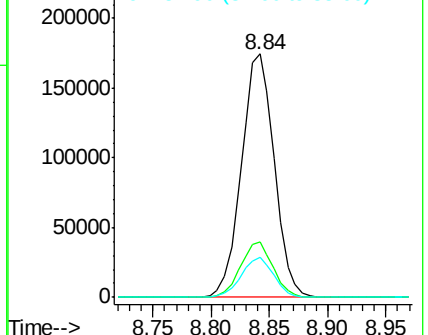
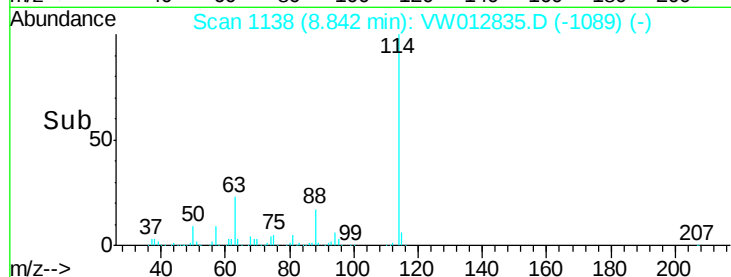
88 16.7 0.0 34.0



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: 48.075 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012835.D

Acq: 09 Sep 2019 21:08

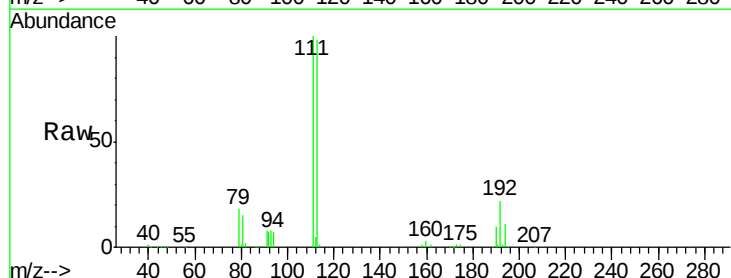
Tgt Ion:113 Resp: 97947

Ion Ratio Lower Upper

113 100

111 102.3 80.2 120.4

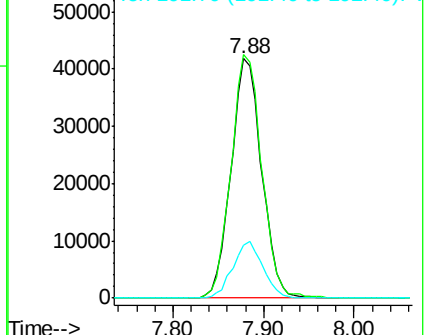
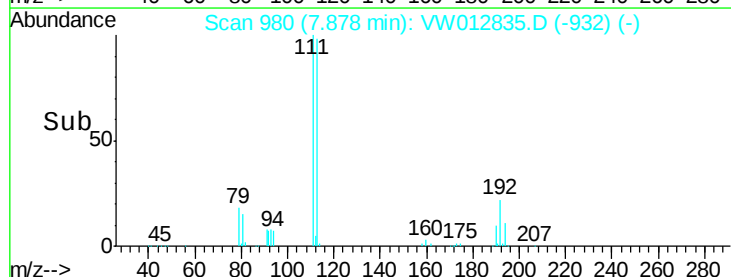
192 23.0 17.3 25.9

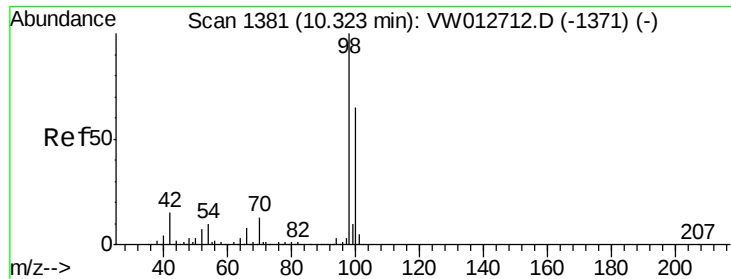


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.906 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012835.D

Acq: 09 Sep 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

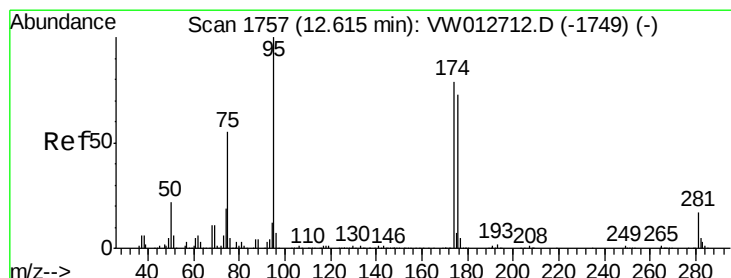
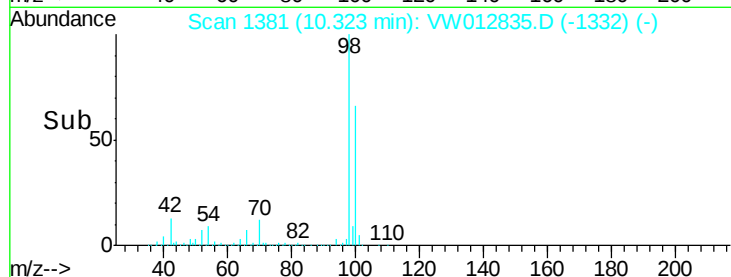
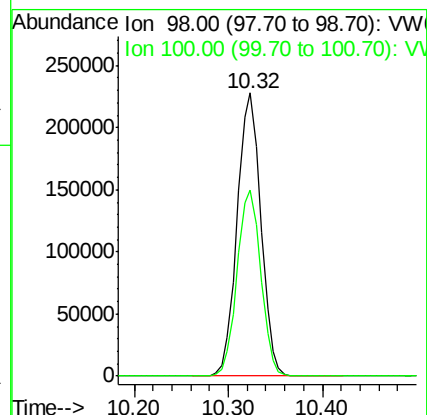
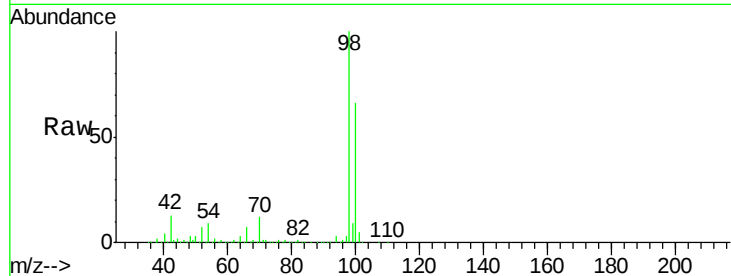
WS-SB01-5.0-5.5

Tot Ion: 98 Resp: 398342

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.894 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012835.D

Acq: 09 Sep 2019 21:08

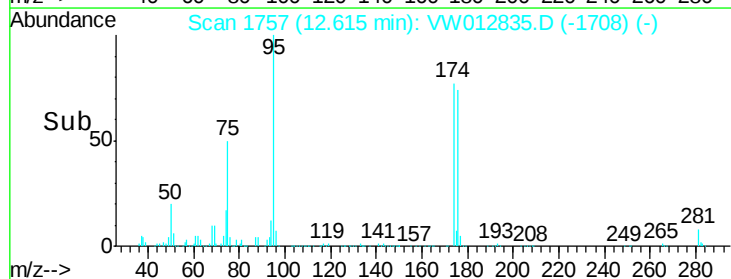
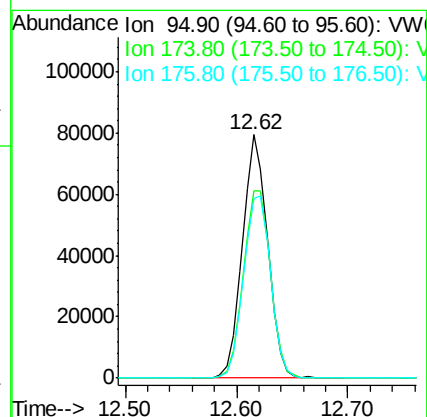
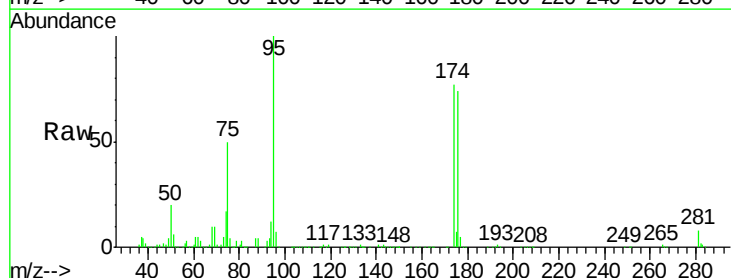
Tgt Ion: 95 Resp: 124292

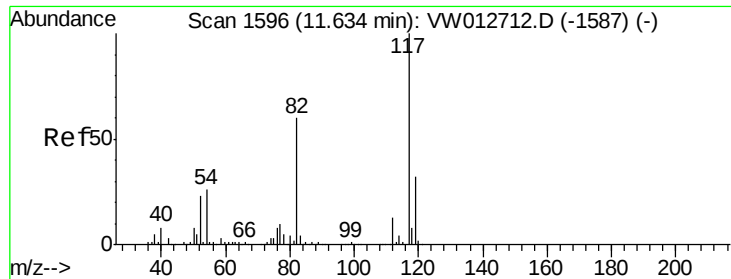
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.0

176 80.3 0.0 156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012835.D

Acq: 09 Sep 2019 21:08

Instrument :

MSVOA_W

ClientSampleId :

WS-SB01-5.0-5.5

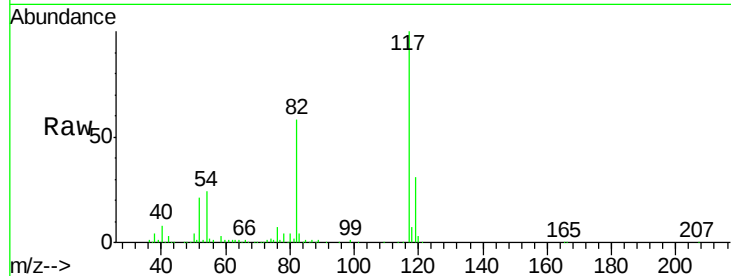
Tot Ion:117 Resp: 279217

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

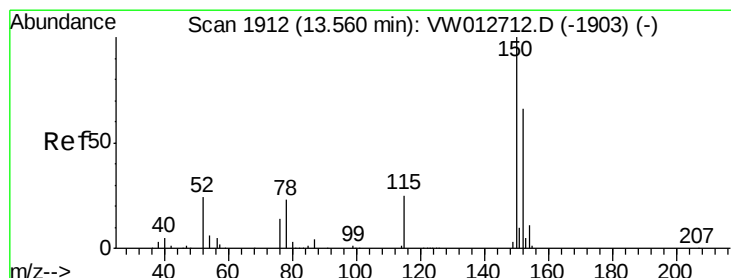
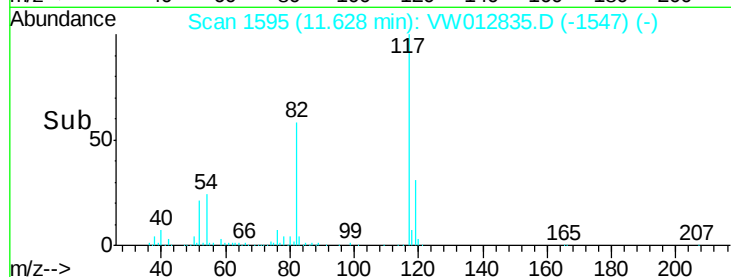
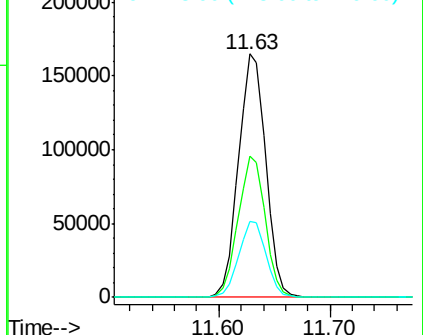
119 31.1 25.8 38.6



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012835.D

Acq: 09 Sep 2019 21:08

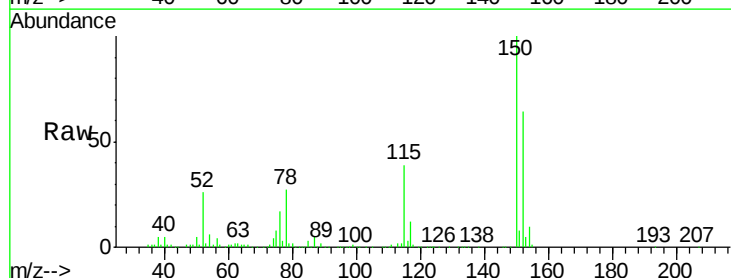
Tgt Ion:152 Resp: 111220

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.1

150 156.4 0.0 349.0



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

