

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012796.D
 Acq On : 09 Sep 2019 03:24
 Operator : SY/VA
 Sample : K4623-07
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-C4-(4)

Quant Time: Sep 09 07:45:57 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

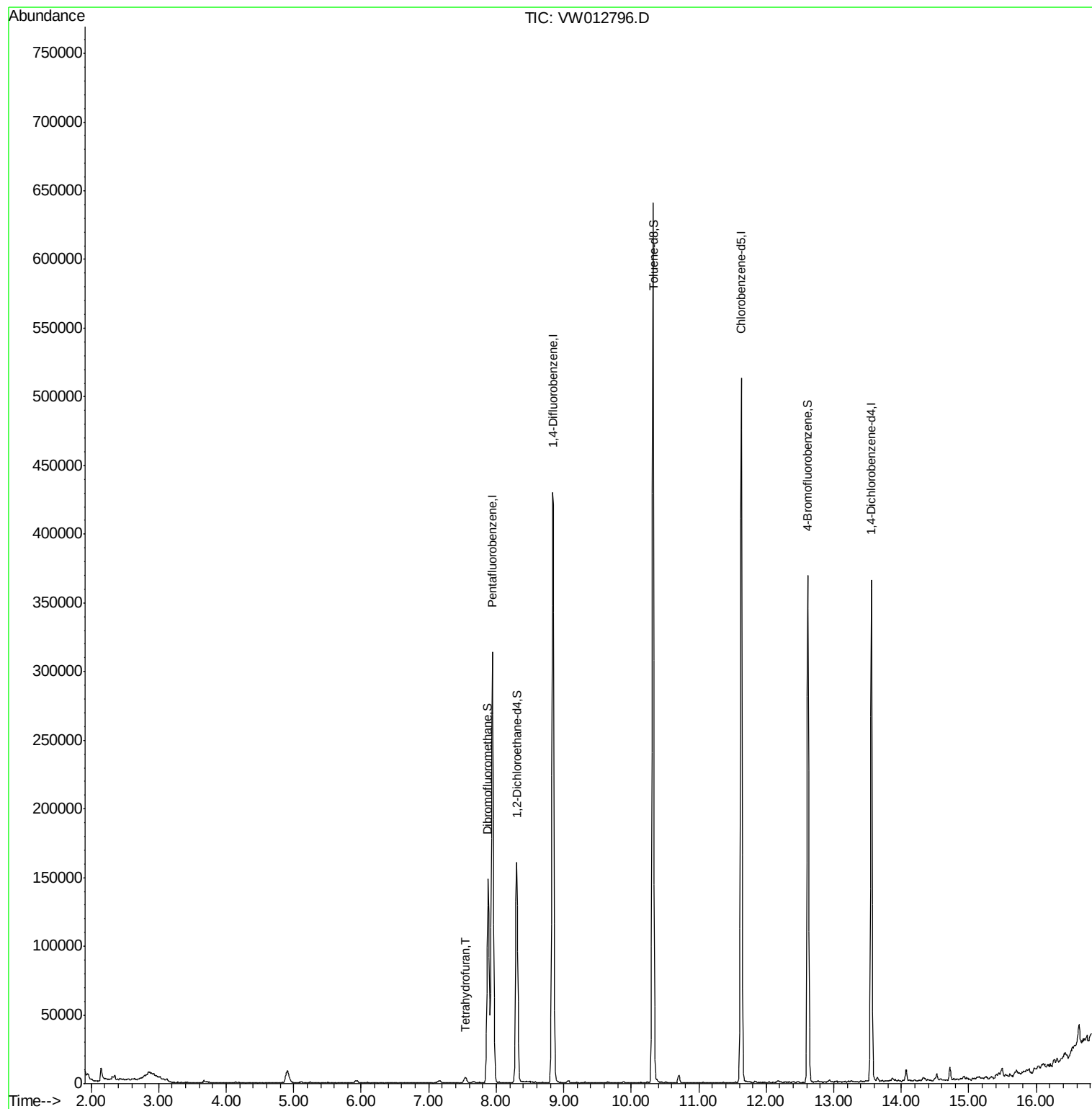
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135438	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	104342	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	10.32	98	412271	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	116220	38.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.62%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3760	6.465	ug/l	Qvalue 95

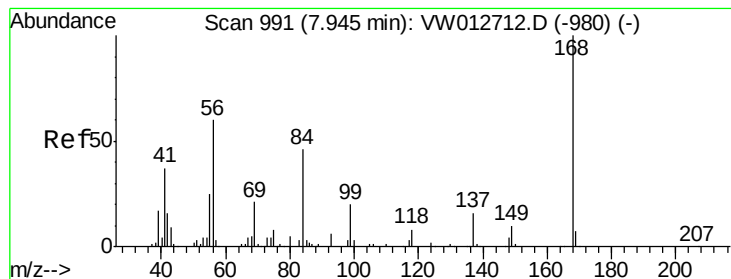
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 09 Sep 2019 03:24

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MSVOA_W

ClientSampleId :

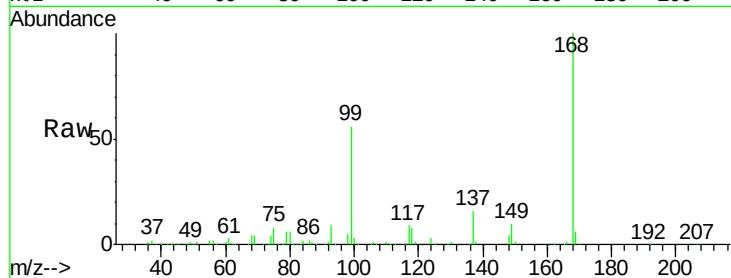
PAR-11-C4-(4)

Tot Ion:168 Resp: 236443

Ion Ratio Lower Upper

168 100

99 55.6 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

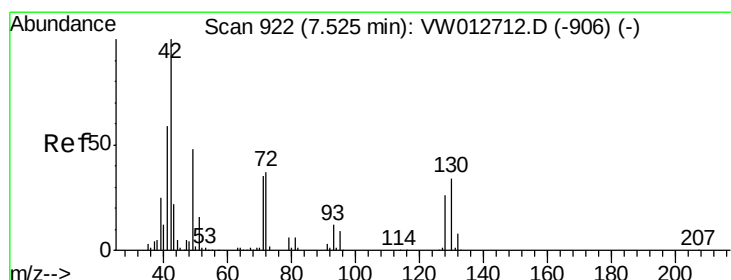
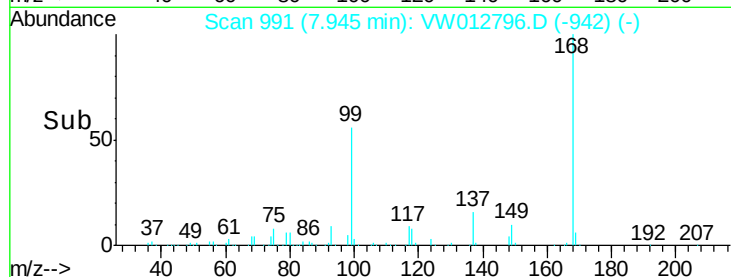
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 6.465 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW012796.D

Acq: 09 Sep 2019 03:24

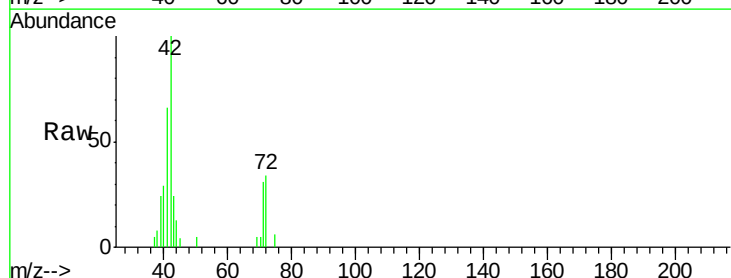
Tgt Ion: 42 Resp: 3760

Ion Ratio Lower Upper

42 100

72 39.3 28.4 42.6

71 36.1 27.1 40.7



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

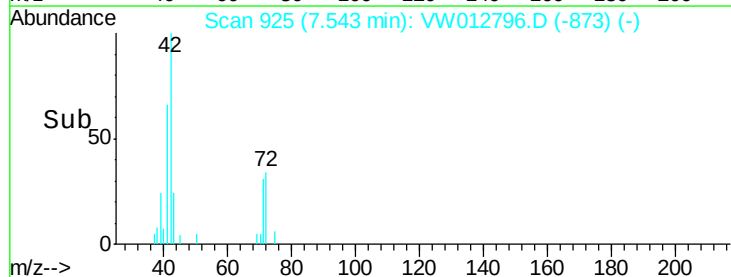
1500

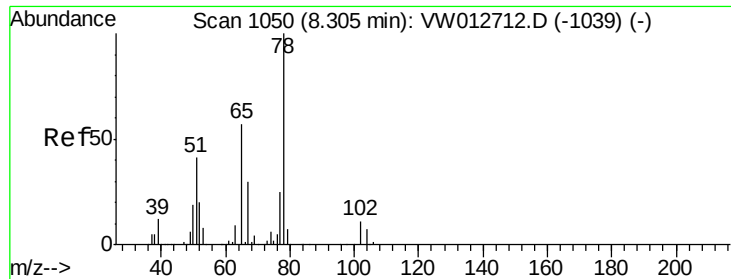
1000

500

0

Time--> 7.45 7.50 7.55 7.60 7.65

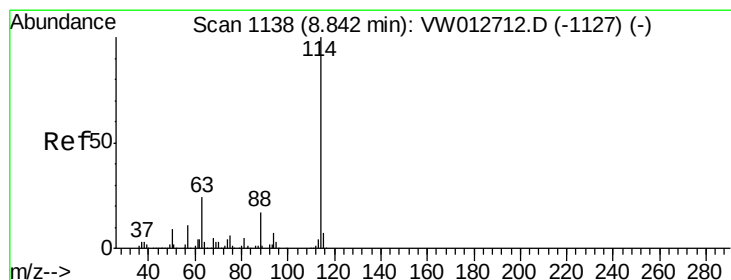
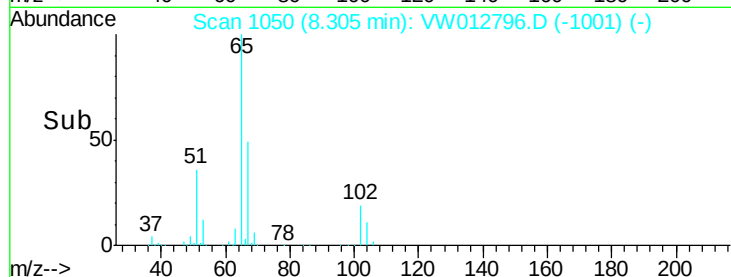
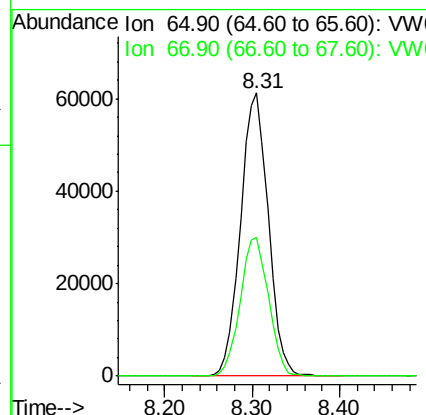
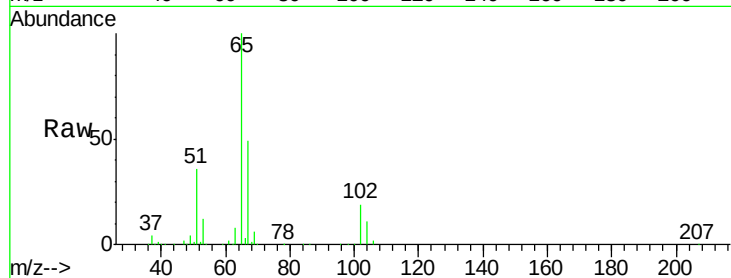




#33
 1,2-Dichloroethane-d4
 Concen: 51.266 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012796.D
 Acq: 09 Sep 2019 03:24

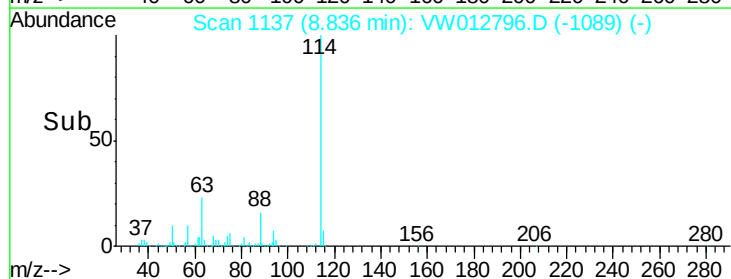
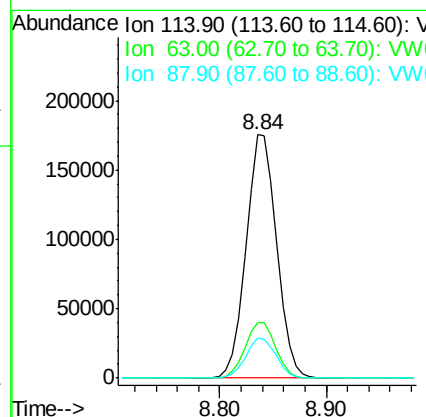
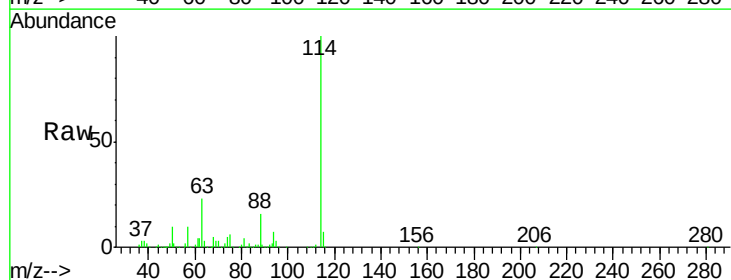
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-C4-(4)

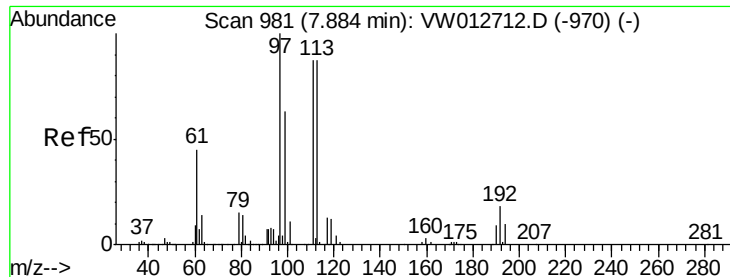
Tot Ion: 65 Resp: 135438
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012796.D
 Acq: 09 Sep 2019 03:24

Tgt Ion: 114 Resp: 354121
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.560 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012796.D

Acq: 09 Sep 2019 03:24

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-C4-(4)

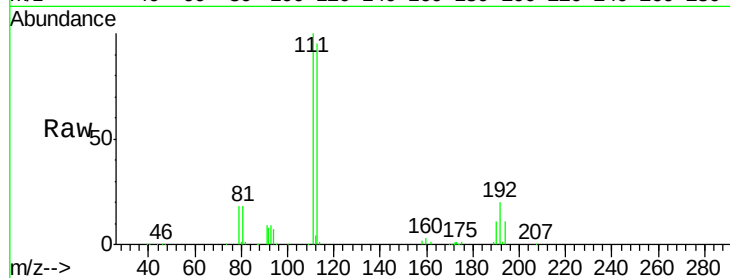
Tot Ion:113 Resp: 104342

Ion Ratio Lower Upper

113 100

111 103.5 80.2 120.4

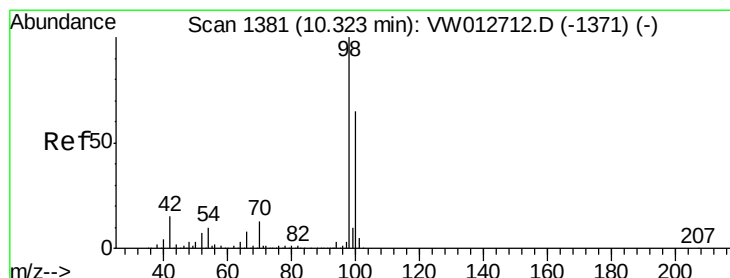
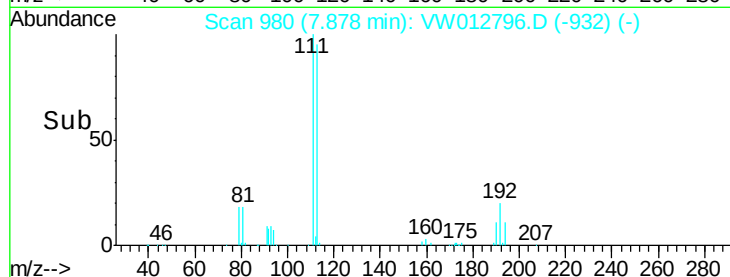
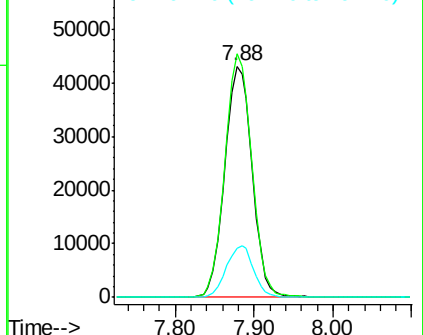
192 22.1 17.3 25.9



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: 49.983 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012796.D

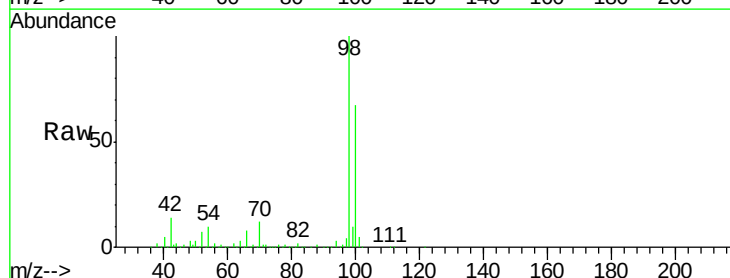
Acq: 09 Sep 2019 03:24

Tgt Ion: 98 Resp: 412271

Ion Ratio Lower Upper

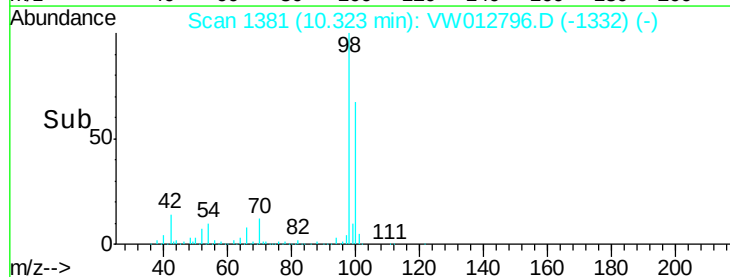
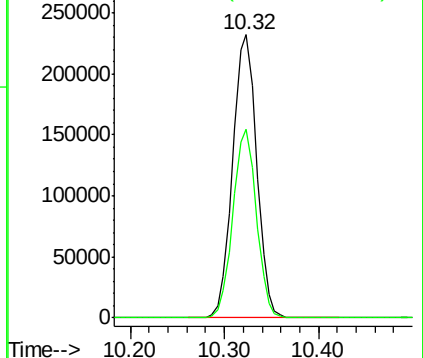
98 100

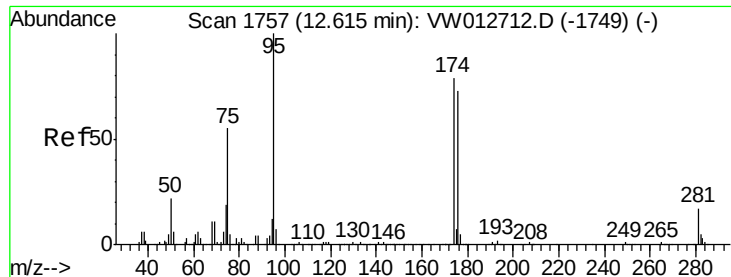
100 65.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 38.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012796.D

Acq: 09 Sep 2019 03:24

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-C4-(4)

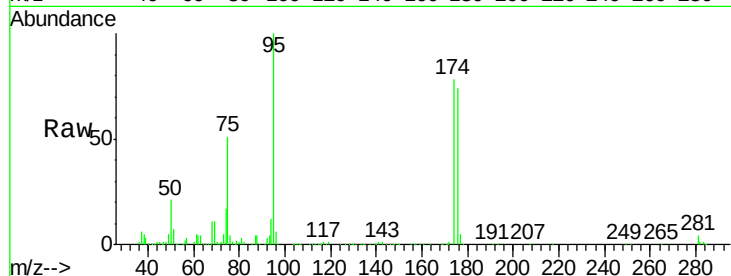
Tot Ion: 95 Resp: 116220

Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.0

176 80.6 0.0 156.4



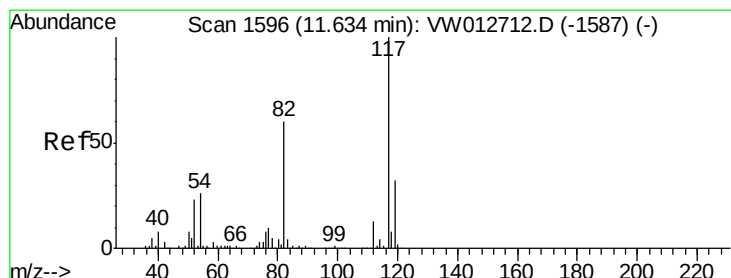
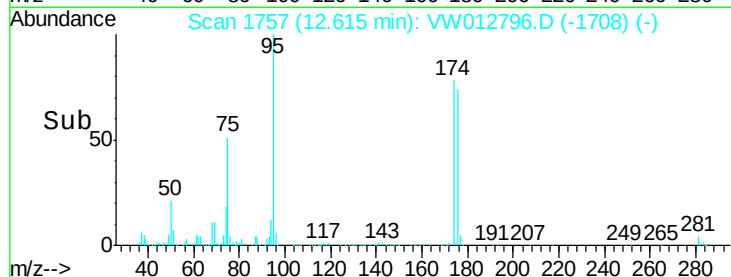
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time--> 12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012796.D

Acq: 09 Sep 2019 03:24

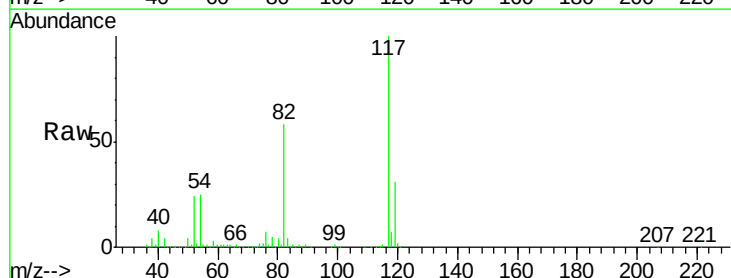
Tgt Ion: 117 Resp: 275323

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.4

119 30.6 25.8 38.6



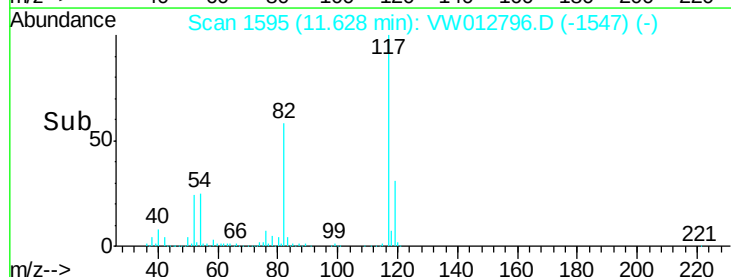
Abundance Ion 116.90 (116.60 to 117.60): VW

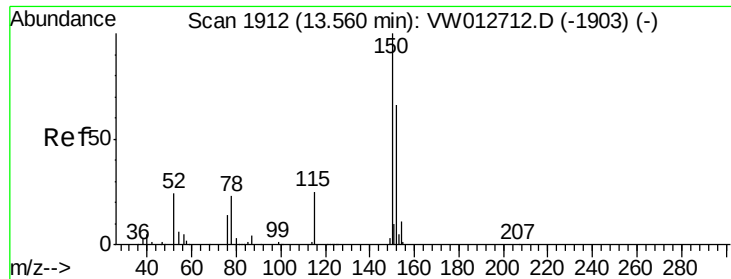
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time--> 11.50 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012796.D

Acq: 09 Sep 2019 03:24

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-C4-(4)

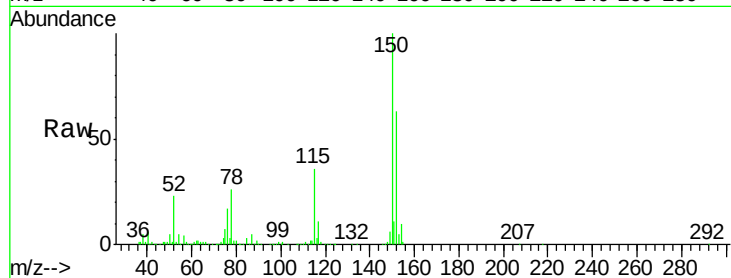
Tot Ion:152 Resp: 94558

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.1

150 157.9 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

