

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012896.D
 Acq On : 11 Sep 2019 04:03
 Operator : SY/VA
 Sample : K4680-02
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-1-(0)

Quant Time: Sep 11 08:52:18 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

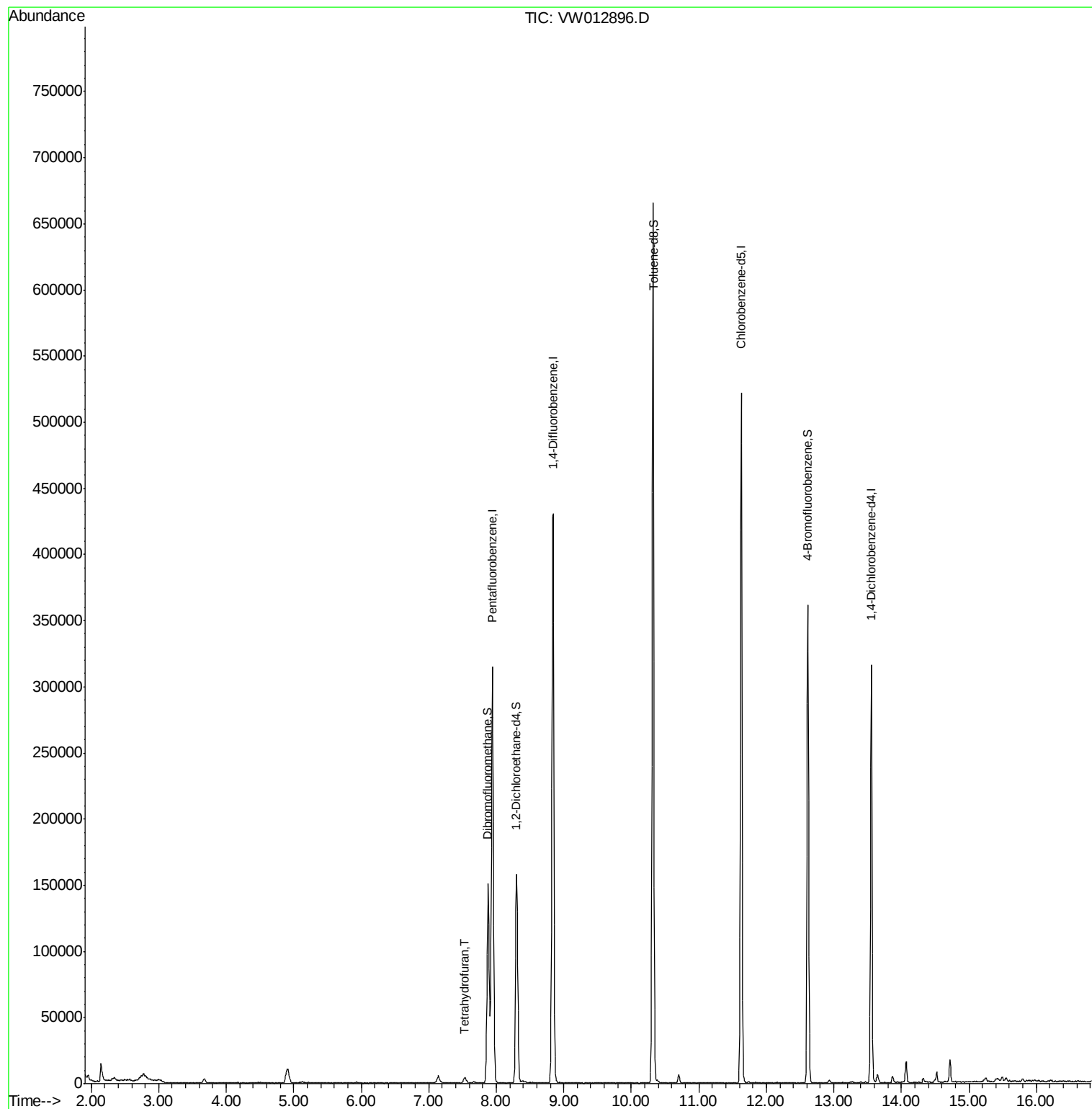
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	129701	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	105692	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	428919	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	111963	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	
Target Compounds						
29) Tetrahydrofuran	7.52	42	3776	6.403	ug/l #	80

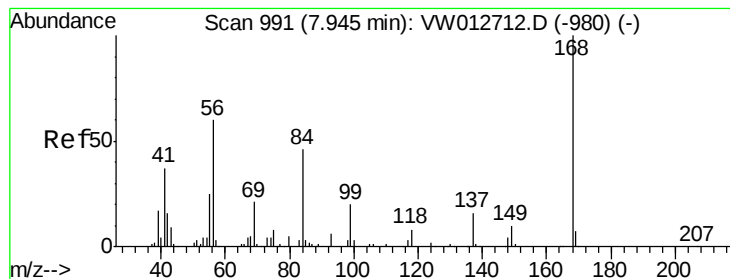
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

Instrument :

MSVOA_W

ClientSampled :

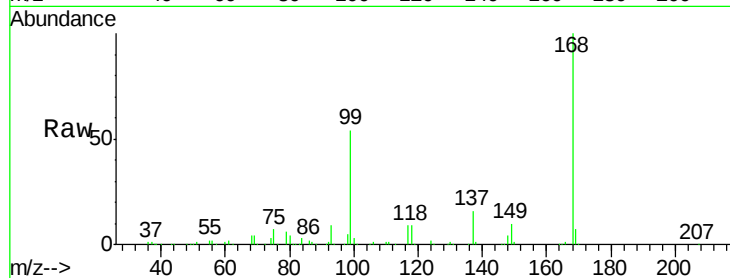
T1-1-(0)

Tot Ion:168 Resp: 239749

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

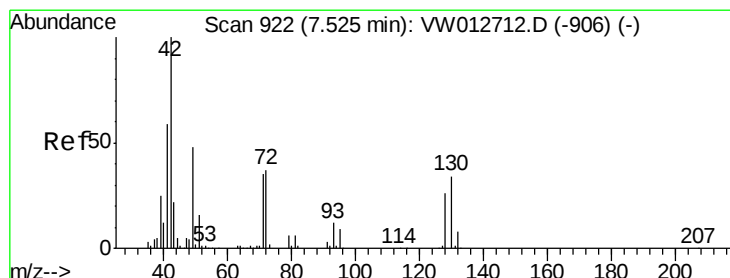
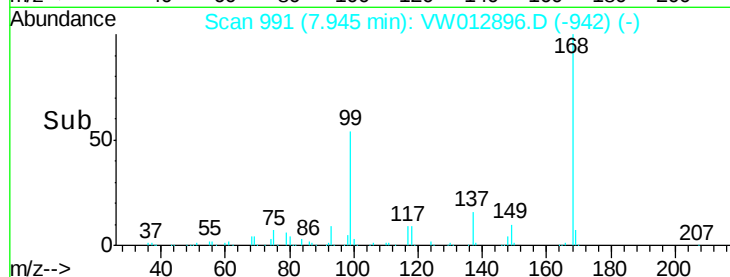
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 6.403 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

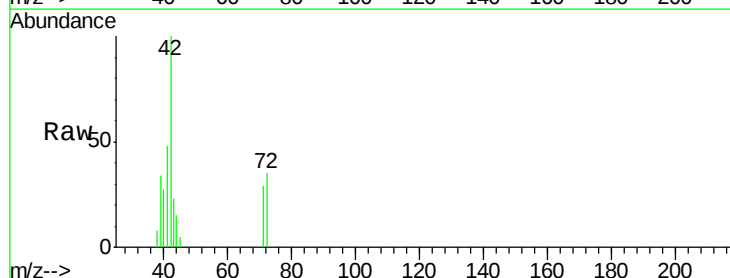
Tgt Ion: 42 Resp: 3776

Ion Ratio Lower Upper

42 100

72 19.4 28.4 42.6#

71 40.7 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

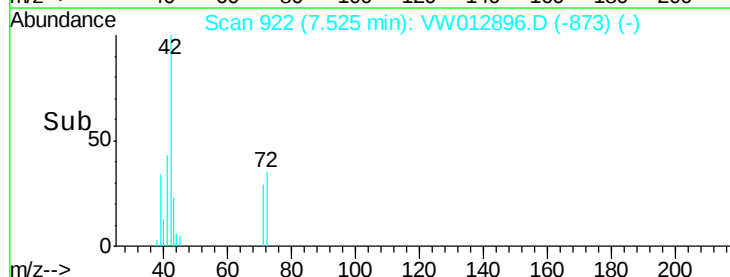
1500

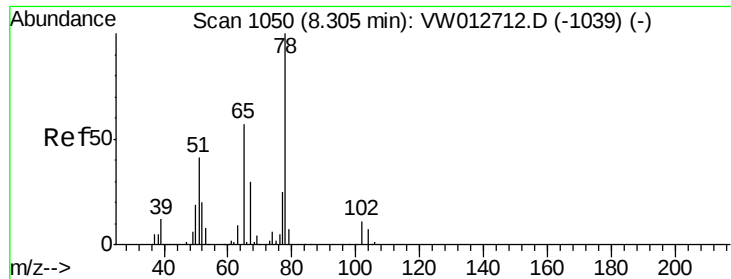
1000

500

0

Time--> 7.45 7.50 7.55 7.60





#33

1,2-Dichloroethane-d4

Concen: 48.418 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

Instrument :

MSVOA_W

ClientSampleId :

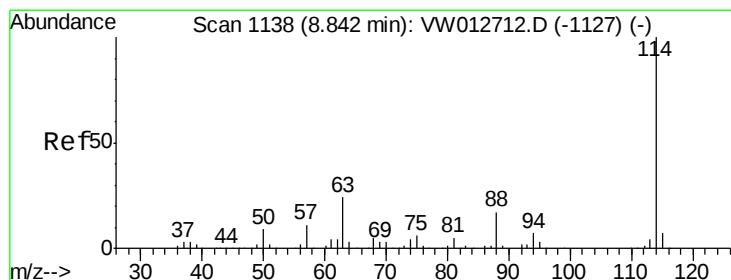
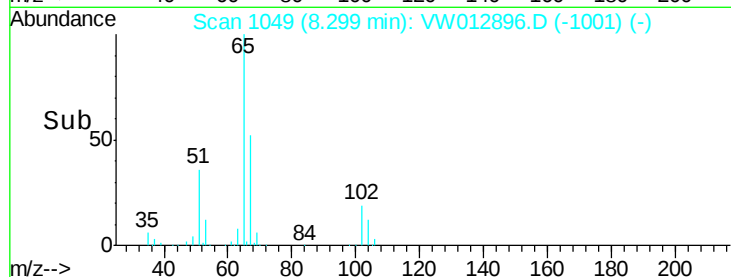
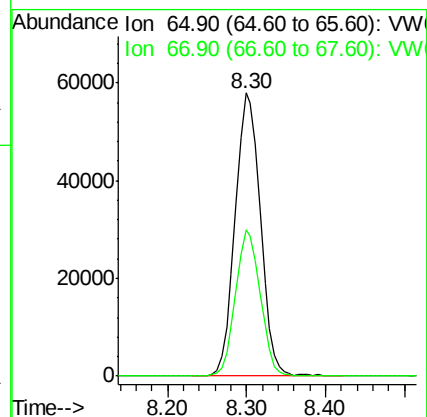
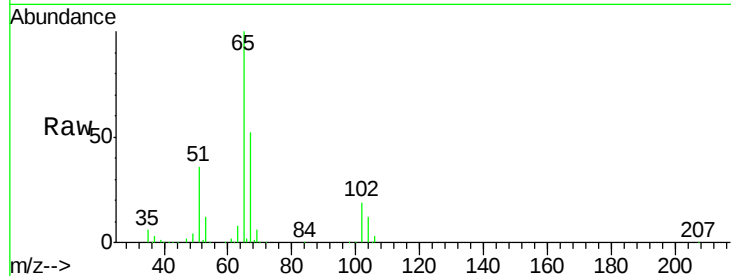
T1-1-(0)

Tot Ion: 65 Resp: 129701

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

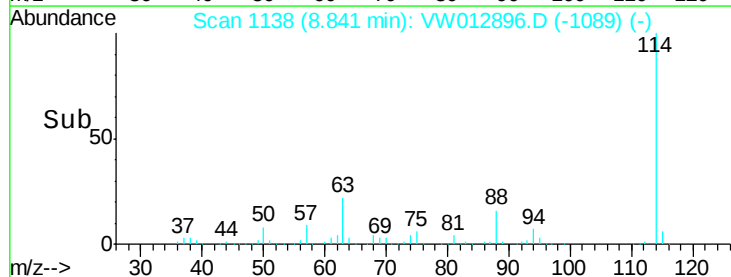
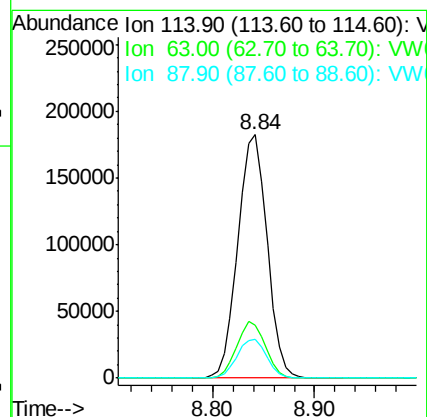
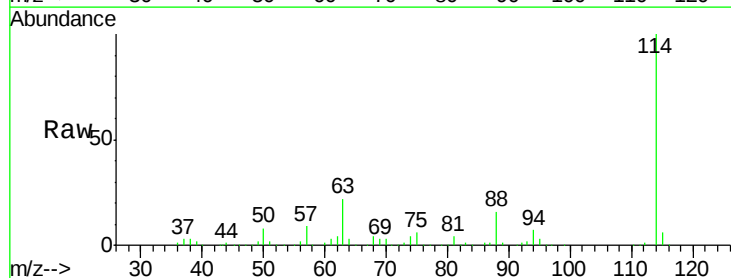
Tgt Ion: 114 Resp: 362745

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.2

88 15.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(0)

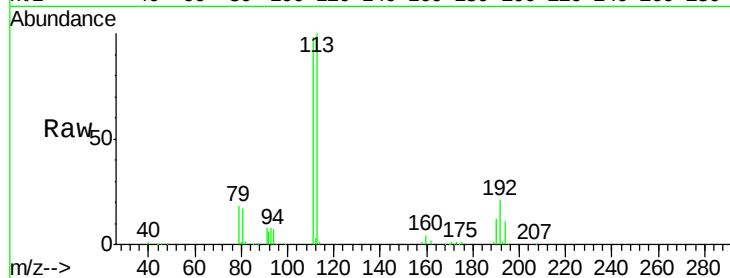
Tot Ion:113 Resp: 105692

Ion Ratio Lower Upper

113 100

111 103.9 80.2 120.4

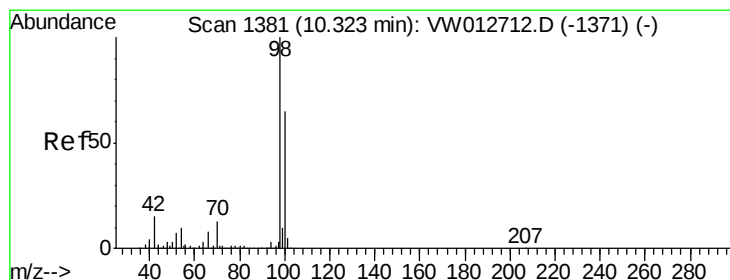
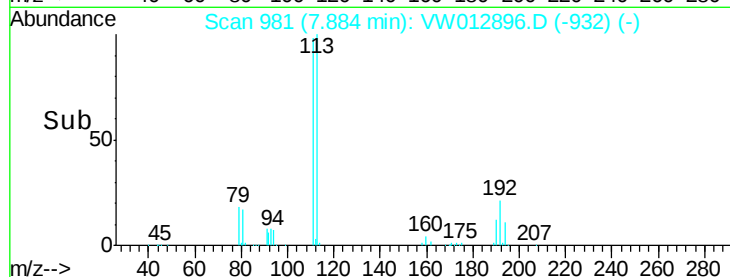
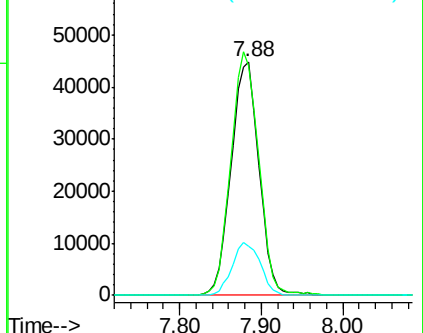
192 22.9 17.3 25.9



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: 50.765 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012896.D

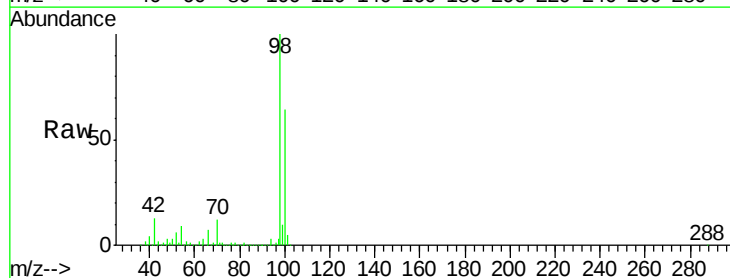
Acq: 11 Sep 2019 04:03

Tgt Ion: 98 Resp: 428919

Ion Ratio Lower Upper

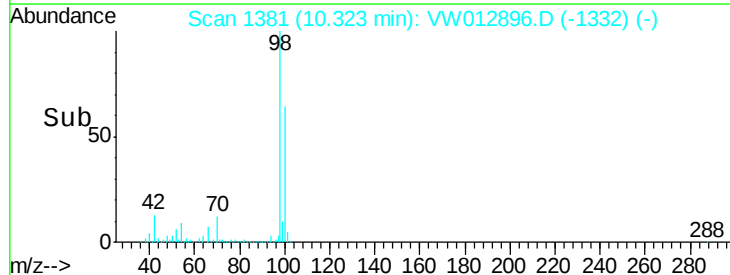
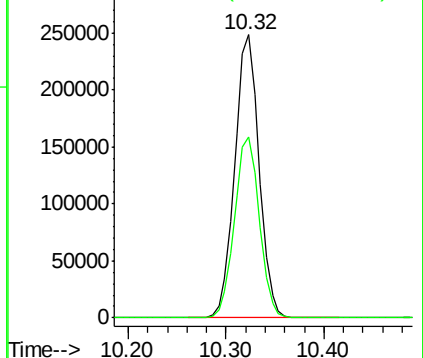
98 100

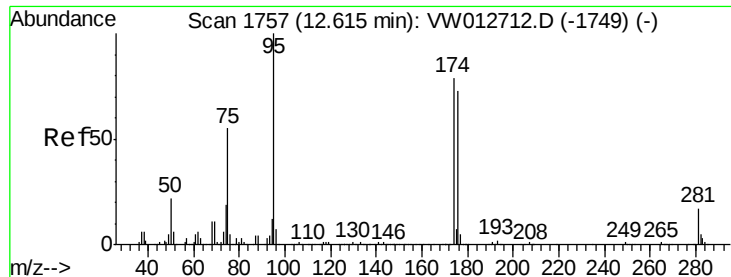
100 65.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 36.502 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(0)

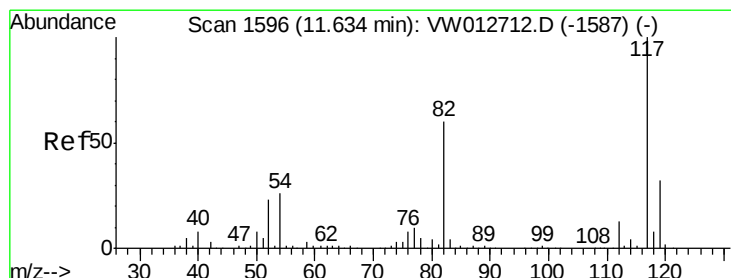
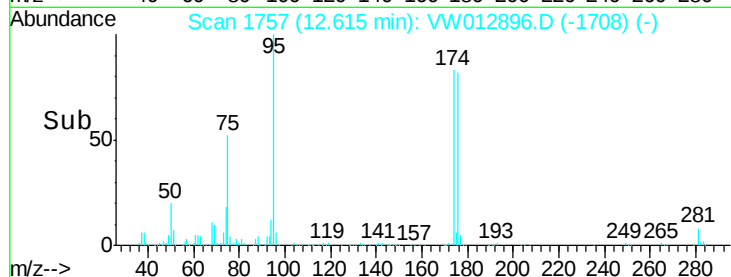
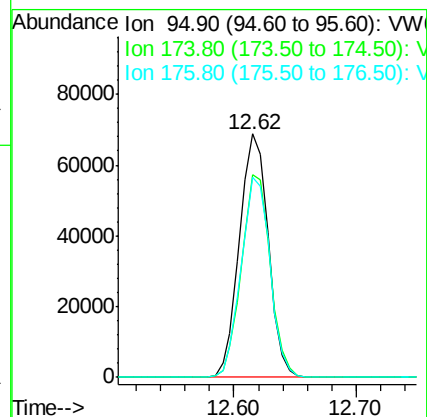
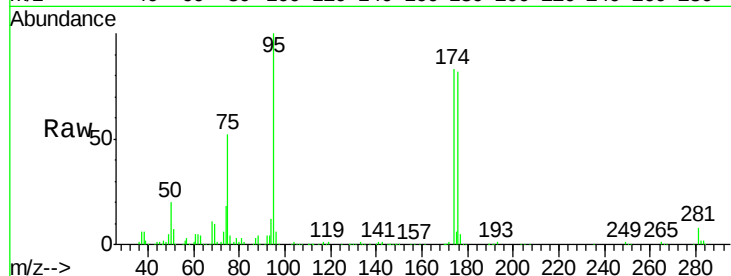
Tot Ion: 95 Resp: 111963

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.0

176 82.5 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: VW012896.D

Acq: 11 Sep 2019 04:03

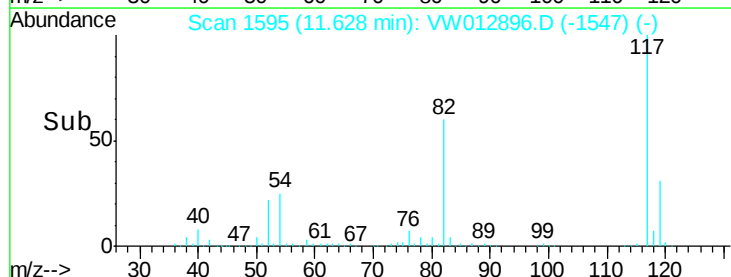
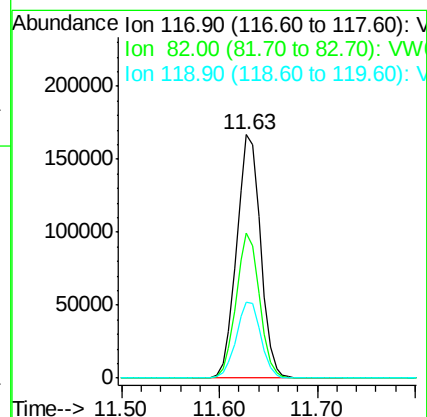
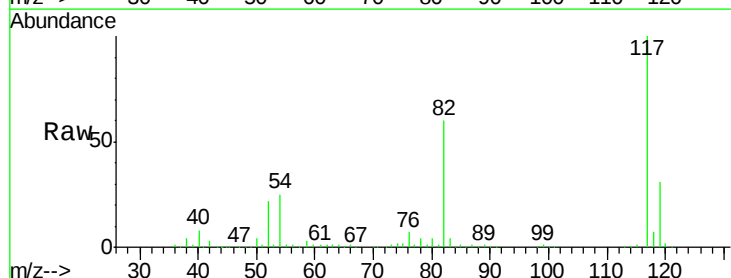
Tgt Ion: 117 Resp: 282466

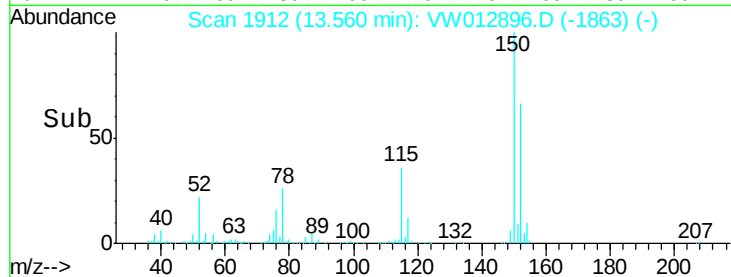
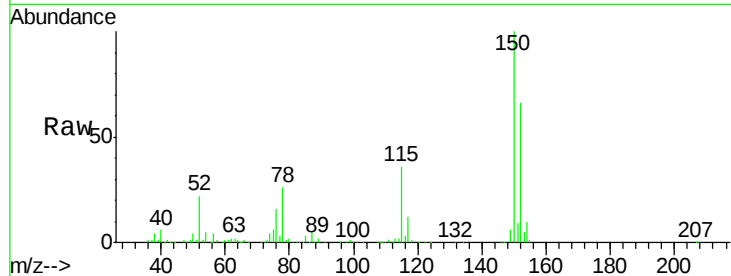
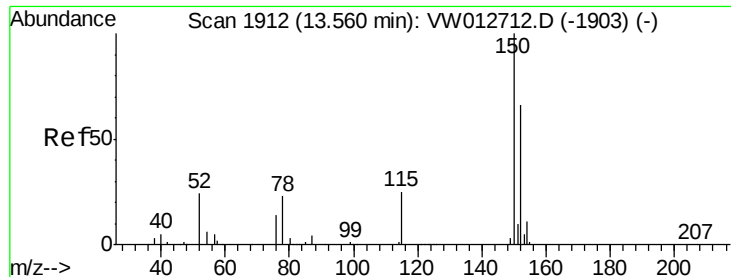
Ion Ratio Lower Upper

117 100

82 59.7 48.2 72.4

119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012896.D

Acq: 11 Sep 2019 04:03

Instrument :

MSVOA_W

ClientSampleId :

T1-1-(0)

Tot Ion:152 Resp: 83704

Ion Ratio Lower Upper

152 100

115 56.8 30.0 90.1

150 155.1 0.0 349.0

