

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012844.D
 Acq On : 10 Sep 2019 01:55
 Operator : SY/VA
 Sample : K4644-03
 Misc : 3.56G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-D4-(0)

Quant Time: Sep 10 07:59:43 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

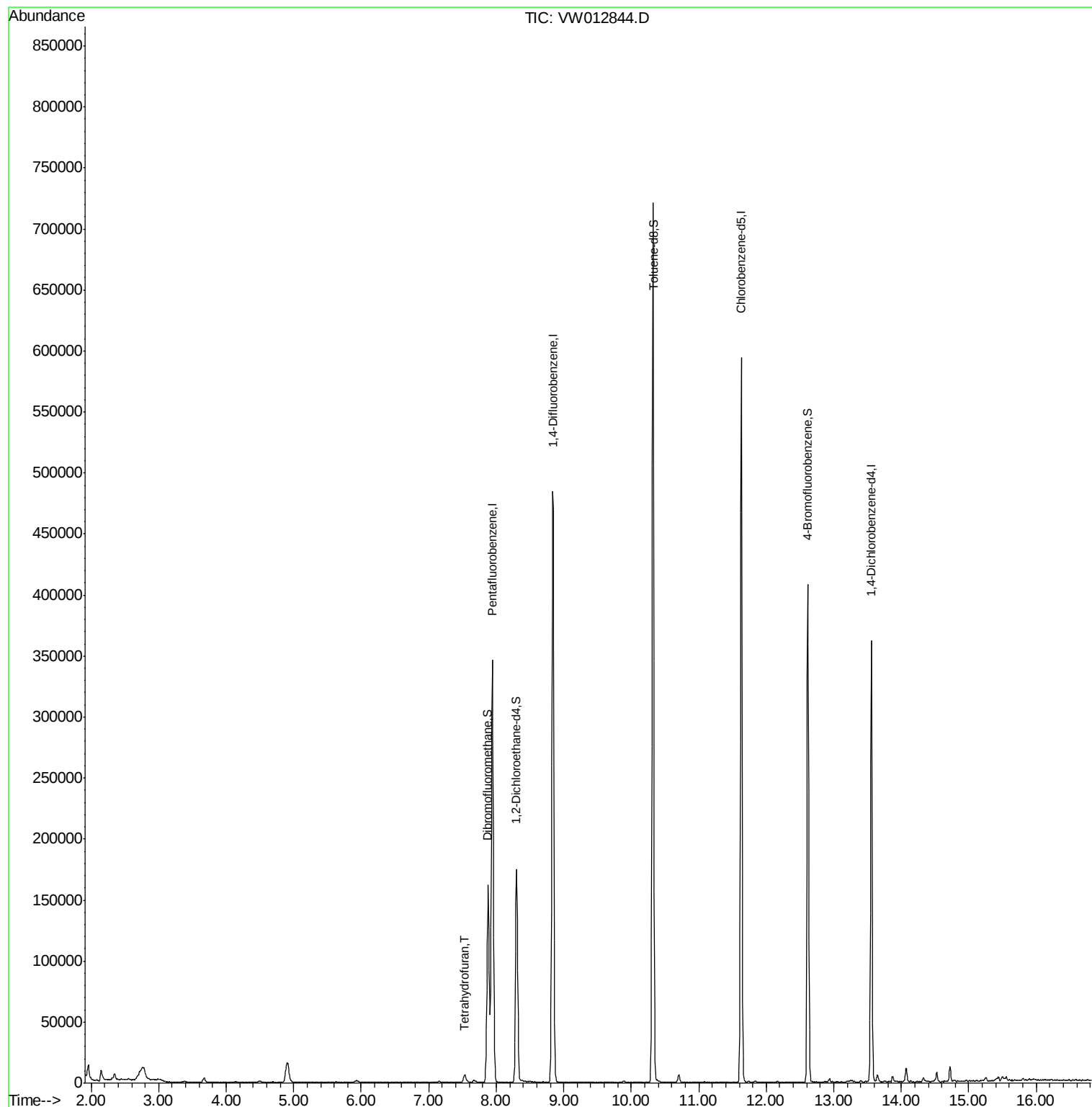
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140403	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.88	113	116213	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.32	98	473536	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	128892	38.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.42%	
Target Compounds						
29) Tetrahydrofuran	7.52	42	5228	7.917	ug/l	Qvalue 97

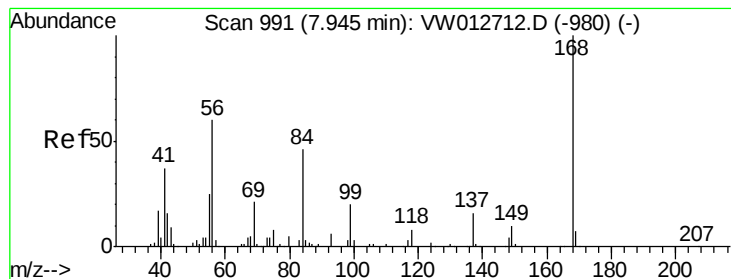
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012844.D

Acq: 10 Sep 2019 01:55

Instrument :

MSVOA_W

ClientSampleId :

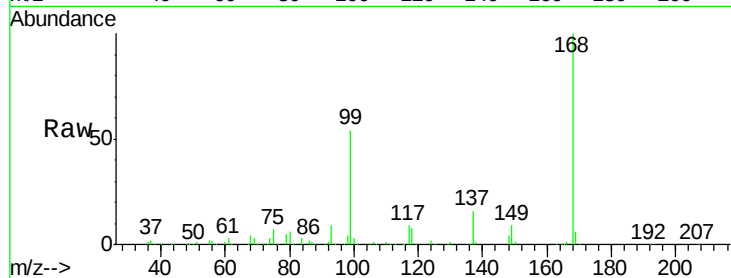
T11-D4-(0)

Tot Ion:168 Resp: 268455

Ion Ratio Lower Upper

168 100

99 53.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

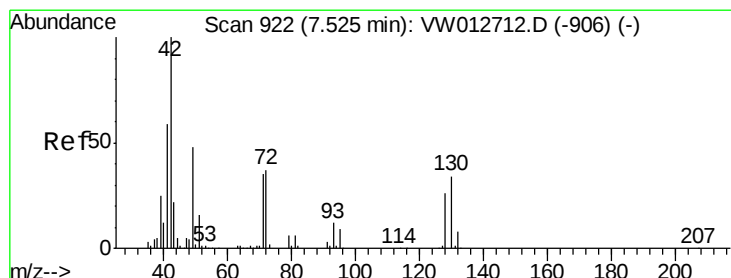
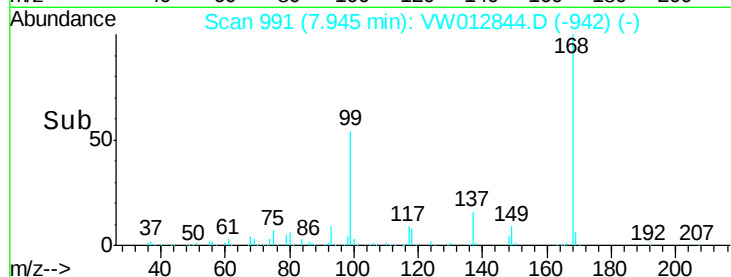
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 7.917 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW012844.D

Acq: 10 Sep 2019 01:55

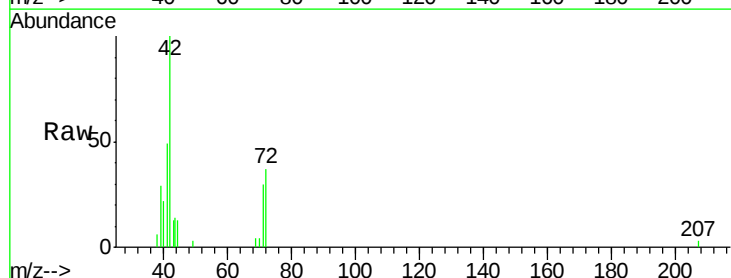
Tgt Ion: 42 Resp: 5228

Ion Ratio Lower Upper

42 100

72 38.7 28.4 42.6

71 34.4 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

7.52

2000

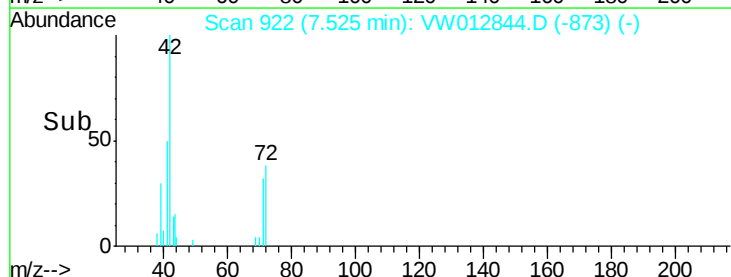
1500

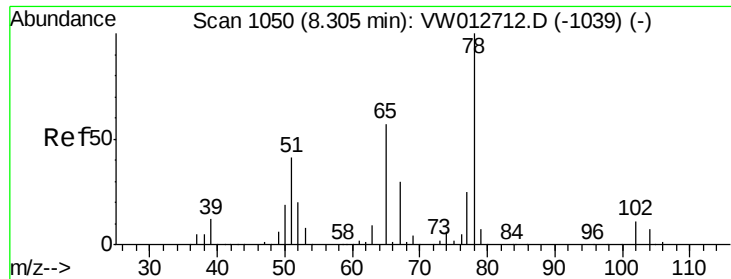
1000

500

0

Time--> 7.45 7.50 7.55 7.60

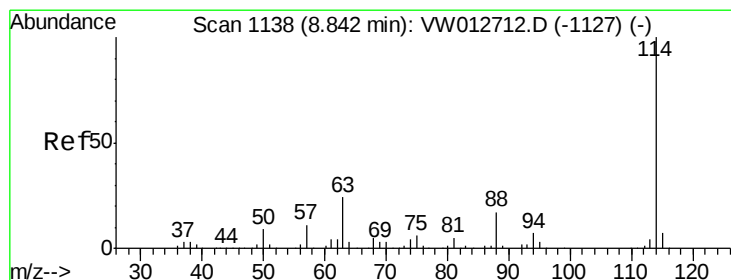
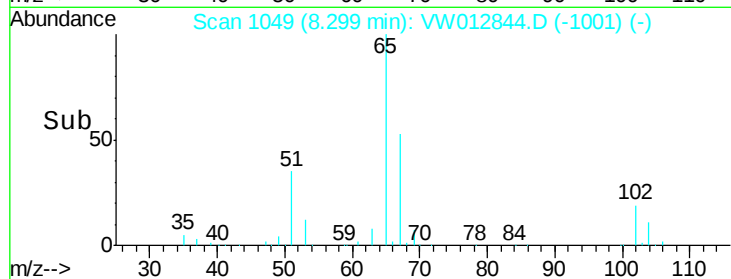
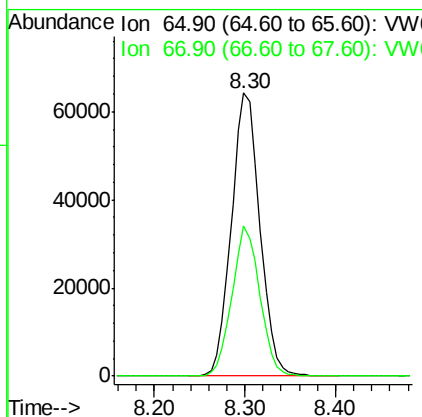
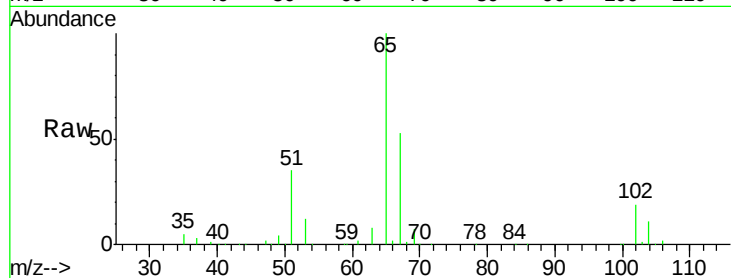




#33
 1,2-Dichloroethane-d4
 Concen: 46.808 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012844.D
 Acq: 10 Sep 2019 01:55

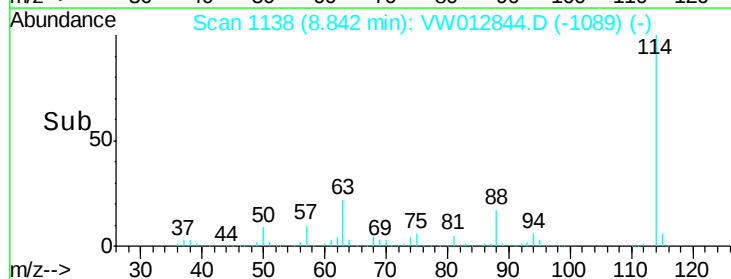
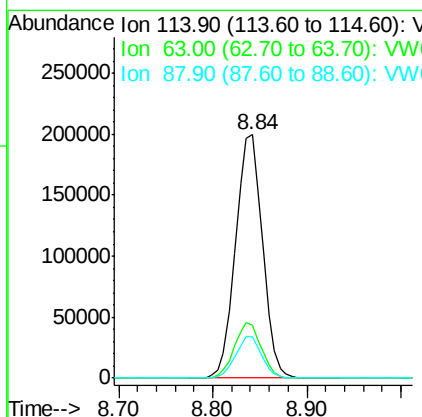
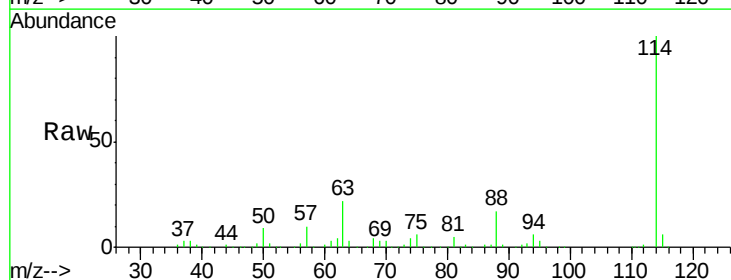
Instrument :
 MSVOA_W
 ClientSampleId :
 T11-D4-(0)

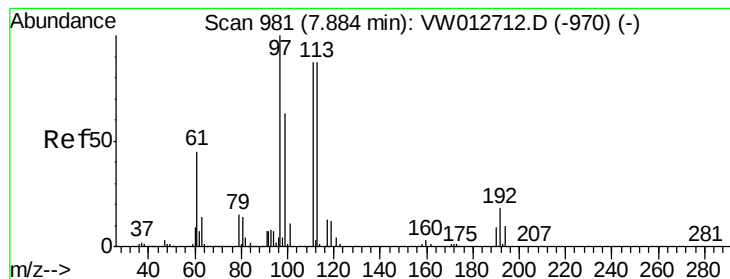
Tot Ion: 65 Resp: 140403
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012844.D
 Acq: 10 Sep 2019 01:55

Tgt Ion: 114 Resp: 398903
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.2
 88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.002 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012844.D

Acq: 10 Sep 2019 01:55

Instrument :

MSVOA_W

ClientSampleId :

T11-D4-(0)

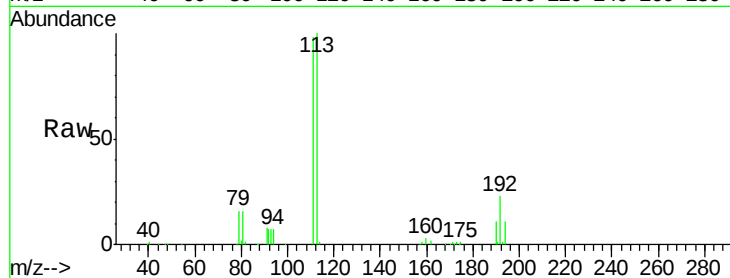
Tot Ion:113 Resp: 116213

Ion Ratio Lower Upper

113 100

111 102.9 80.2 120.4

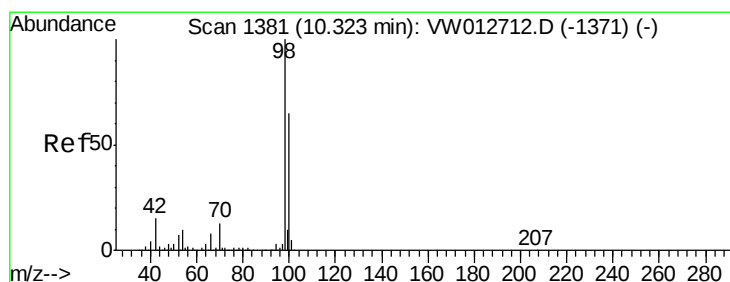
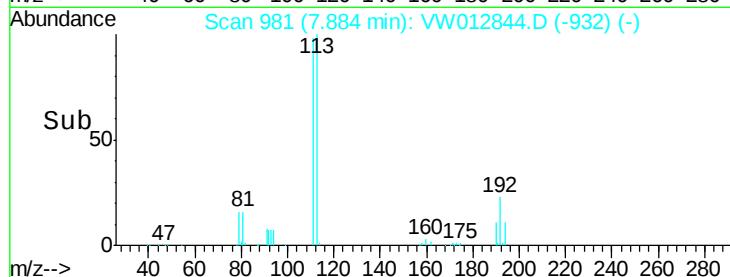
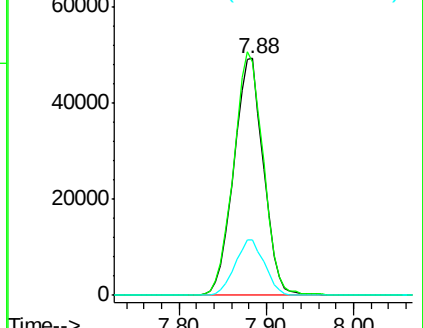
192 23.2 17.3 25.9



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: 50.965 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012844.D

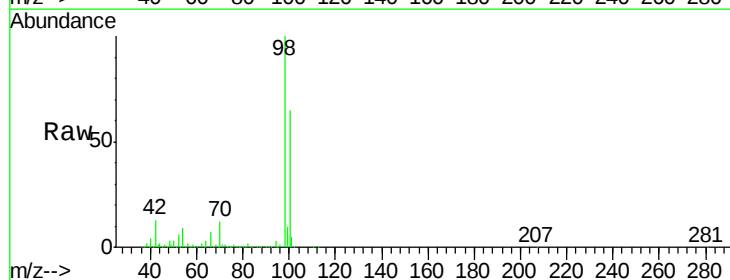
Acq: 10 Sep 2019 01:55

Tgt Ion: 98 Resp: 473536

Ion Ratio Lower Upper

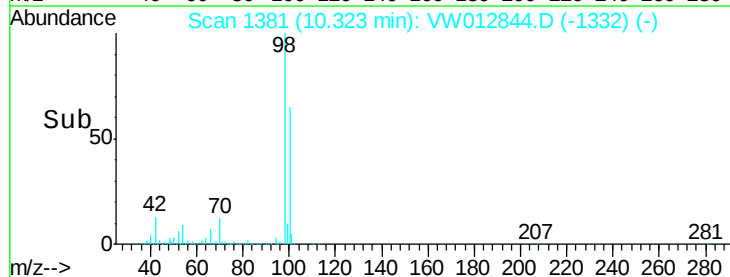
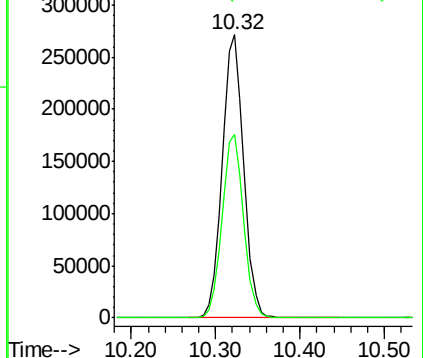
98 100

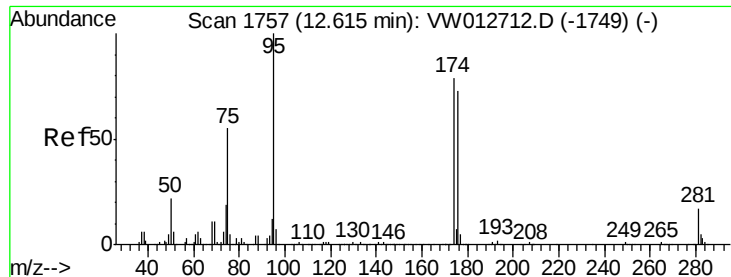
100 65.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 38.212 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012844.D

Acq: 10 Sep 2019 01:55

Instrument :

MSVOA_W

ClientSampled :

T11-D4-(0)

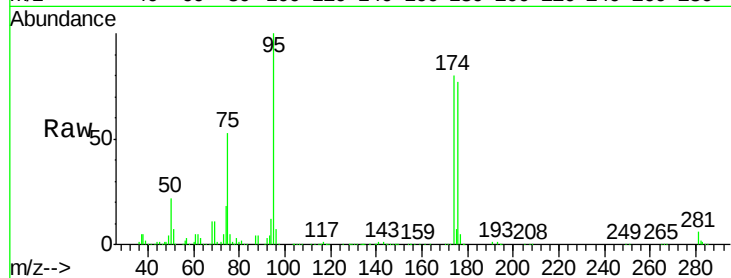
Tot Ion: 95 Resp: 128892

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.0

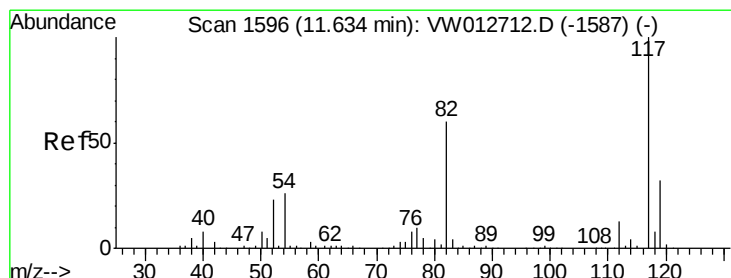
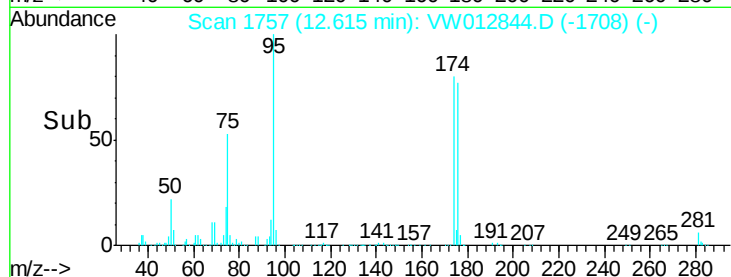
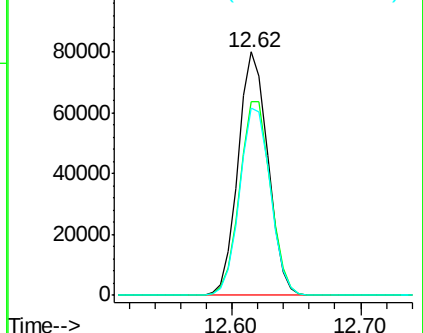
176 78.9 0.0 156.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012844.D

Acq: 10 Sep 2019 01:55

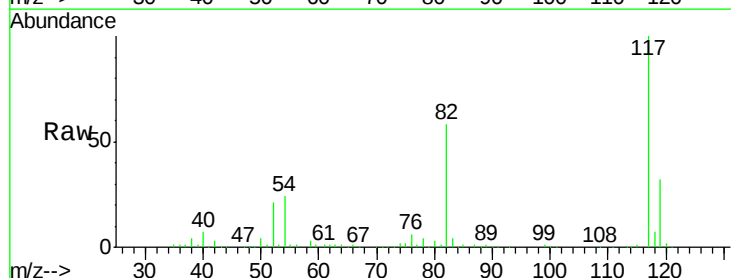
Tgt Ion: 117 Resp: 314068

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

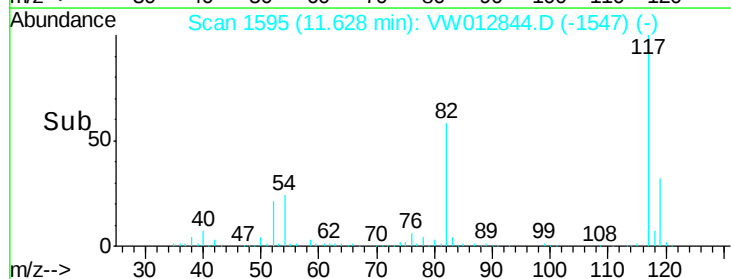
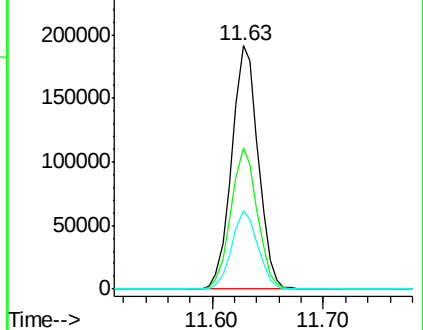
119 32.0 25.8 38.6

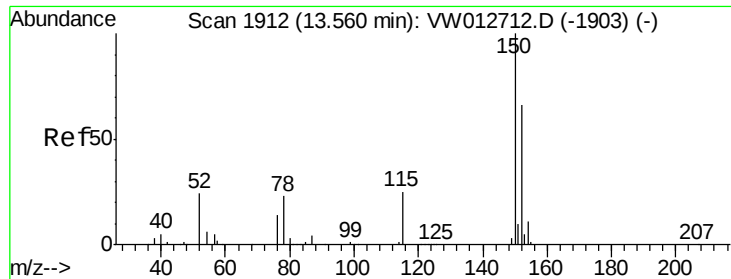


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012844.D

Acq: 10 Sep 2019 01:55

Instrument :

MSVOA_W

ClientSampleId :

T11-D4-(0)

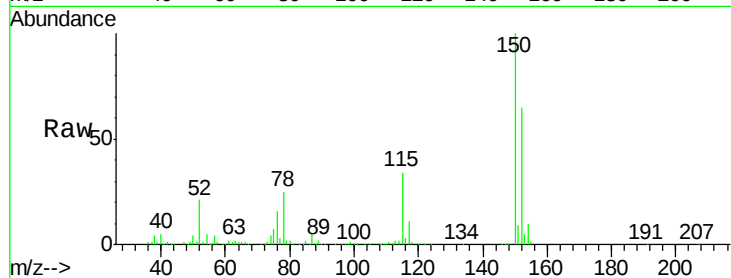
Tot Ion:152 Resp: 96373

Ion Ratio Lower Upper

152 100

115 56.3 30.0 90.1

150 156.7 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

