

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012898.D
 Acq On : 11 Sep 2019 04:55
 Operator : SY/VA
 Sample : K4680-04
 Misc : 5.62G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-3-(0)

Quant Time: Sep 11 08:45:52 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

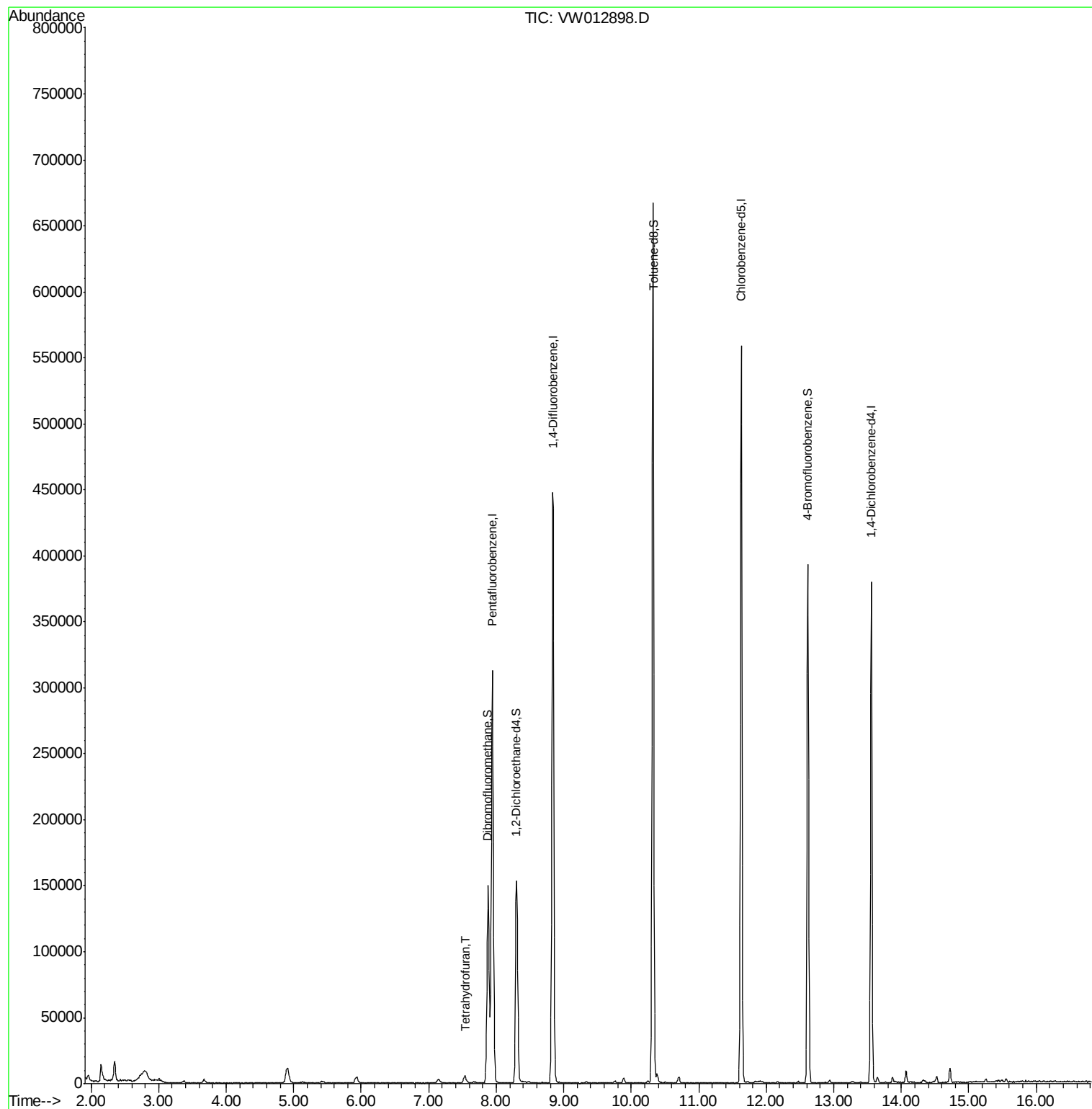
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	101998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131675	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	107305	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.32	98	440521	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	122918	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	4749	8.020	ug/l	Qvalue 94

(#) = 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: VW012898.D

Acq: 11 Sep 2019 04:55

Instrument :

MSVOA_W

ClientSampled :

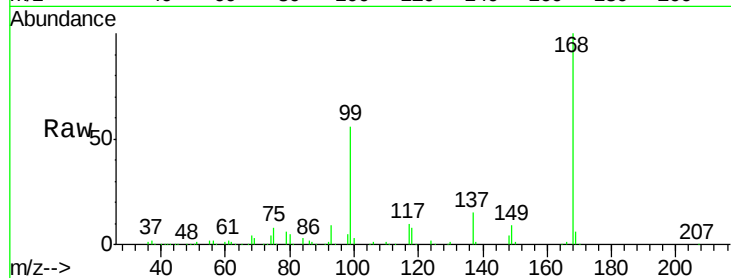
T1-3-(0)

Tot Ion:168 Resp: 240725

Ion Ratio Lower Upper

168 100

99 56.5 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

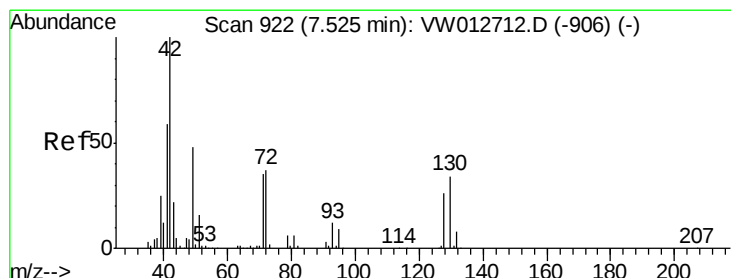
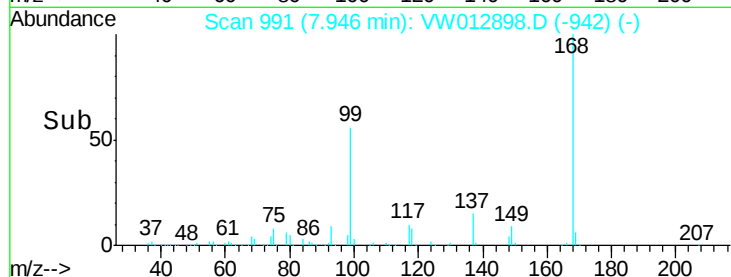
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 8.020 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012898.D

Acq: 11 Sep 2019 04:55

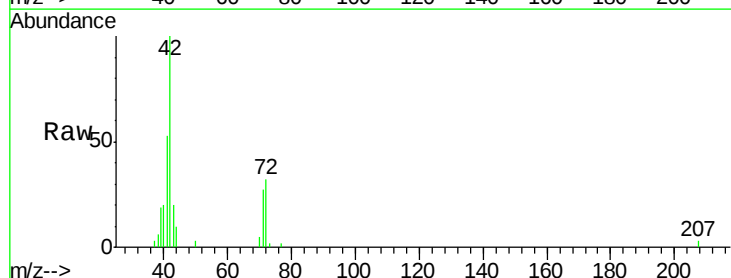
Tgt Ion: 42 Resp: 4749

Ion Ratio Lower Upper

42 100

72 38.2 28.4 42.6

71 37.7 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

7.54

2500

2000

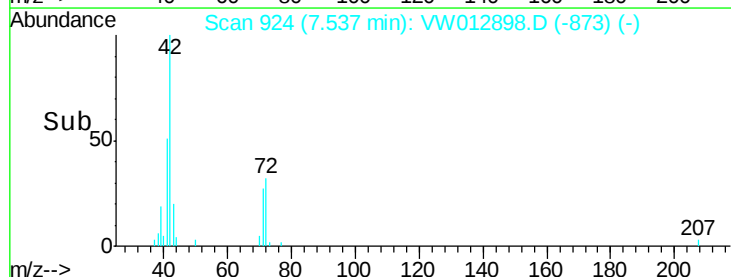
1500

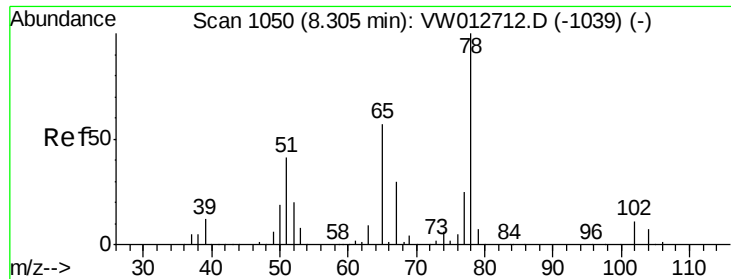
1000

500

0

Time--> 7.45 7.50 7.55 7.60 7.65

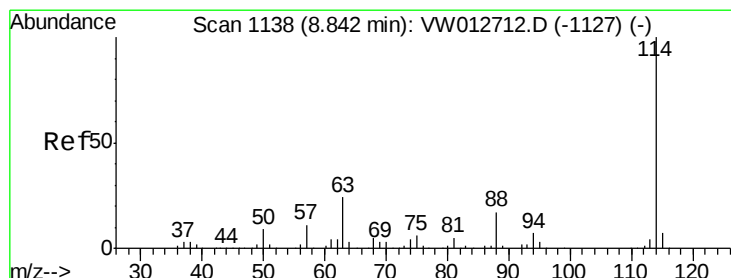
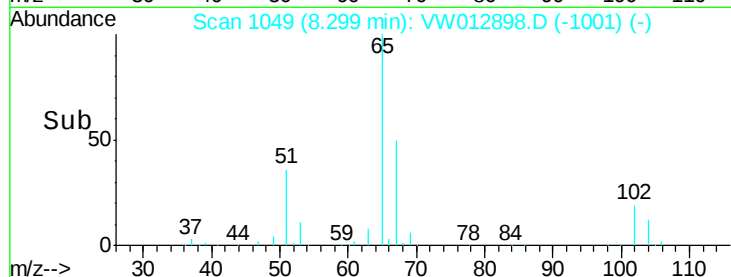
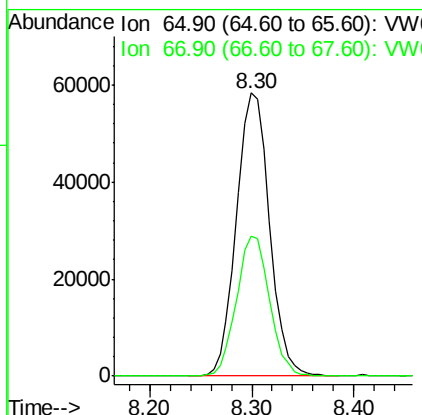
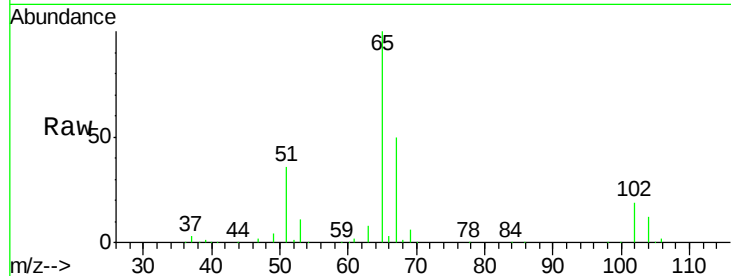




#33
 1,2-Dichloroethane-d4
 Concen: 48.955 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012898.D
 Acq: 11 Sep 2019 04:55

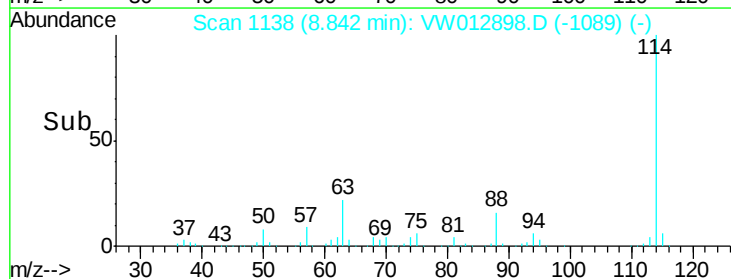
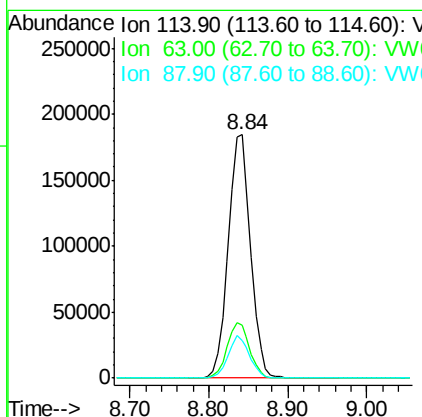
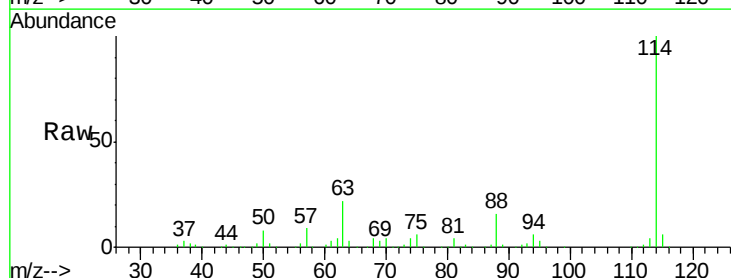
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-3-(0)

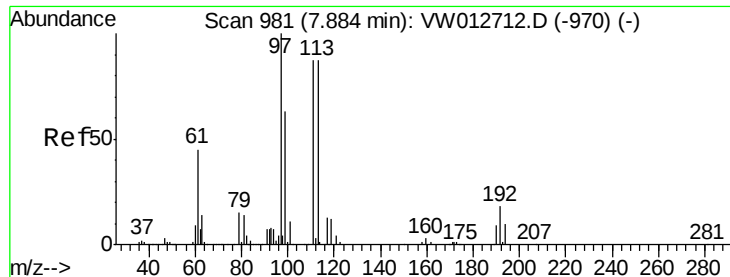
Tot Ion: 65 Resp: 131675
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012898.D
 Acq: 11 Sep 2019 04:55

Tgt Ion: 114 Resp: 362184
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 47.2
 88 15.6 0.0 34.0

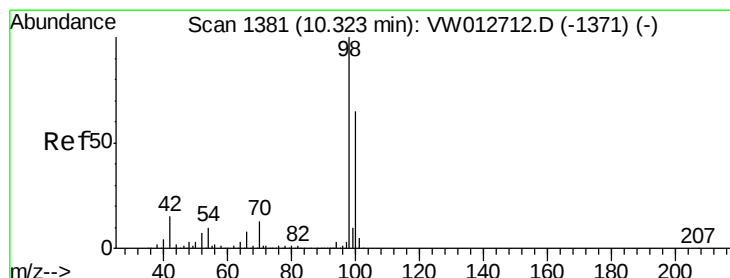
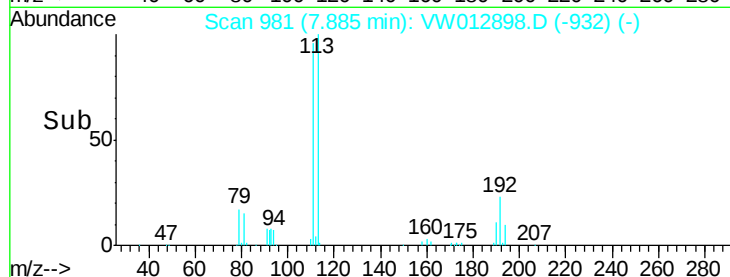
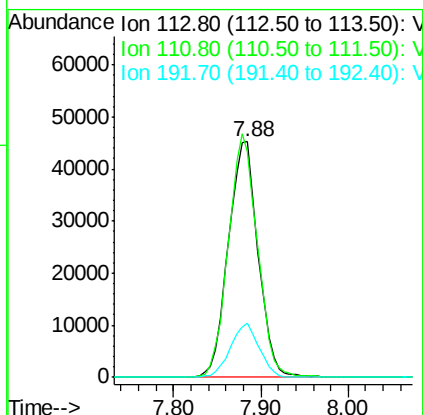
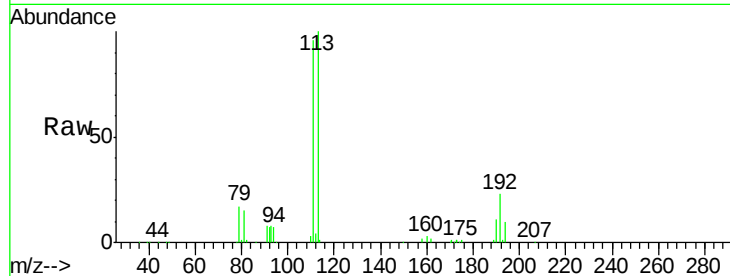




#35
 Dibromofluoromethane
 Concen: 49.833 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012898.D
 Acq: 11 Sep 2019 04:55

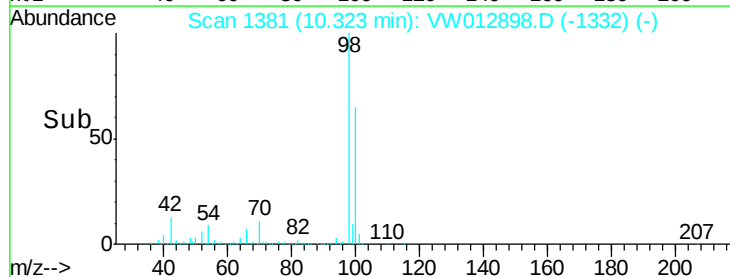
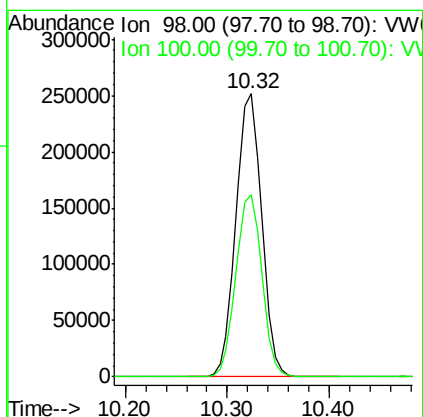
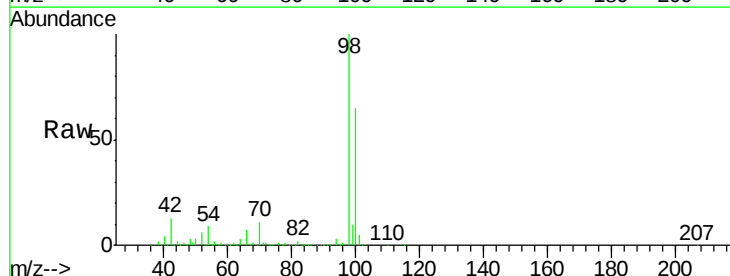
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-3-(0)

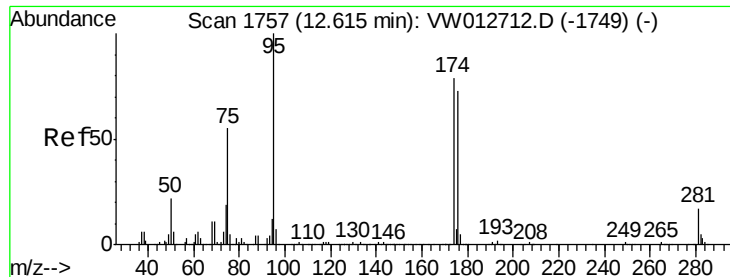
Tot Ion:113 Resp: 107305
 Ion Ratio Lower Upper
 113 100
 111 100.3 80.2 120.4
 192 22.1 17.3 25.9



#50
 Toluene-d8
 Concen: 52.219 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012898.D
 Acq: 11 Sep 2019 04:55

Tgt Ion: 98 Resp: 440521
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 40.136 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012898.D

Acq: 11 Sep 2019 04:55

Instrument :

MSVOA_W

ClientSampled :

T1-3-(0)

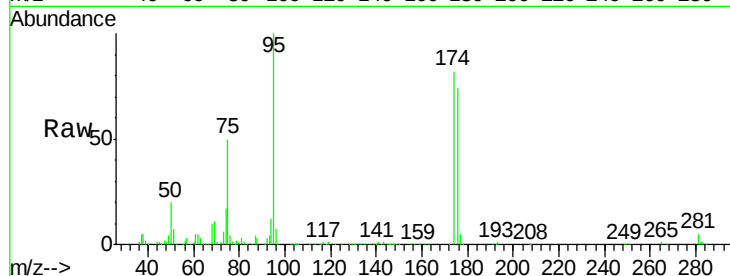
Tot Ion: 95 Resp: 122918

Ion Ratio Lower Upper

95 100

174 86.1 0.0 161.0

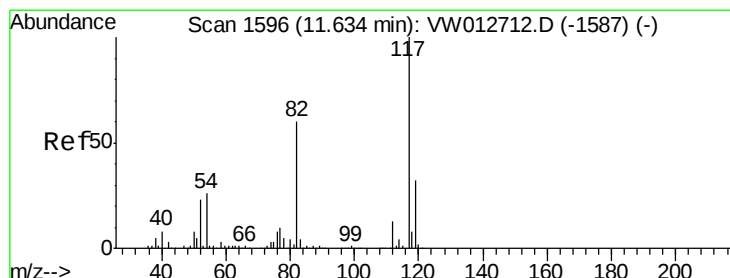
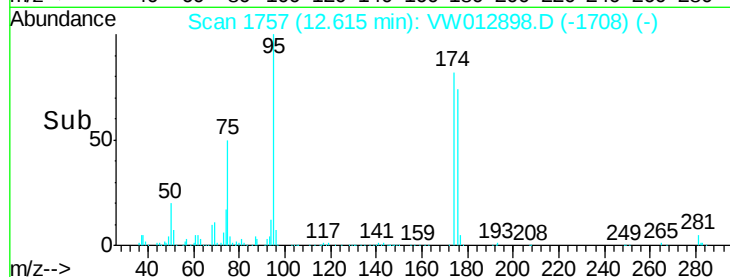
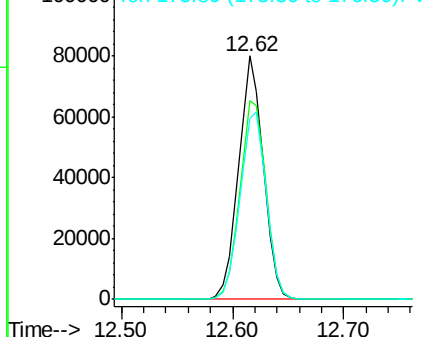
176 81.5 0.0 156.4



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: VW012898.D

Acq: 11 Sep 2019 04:55

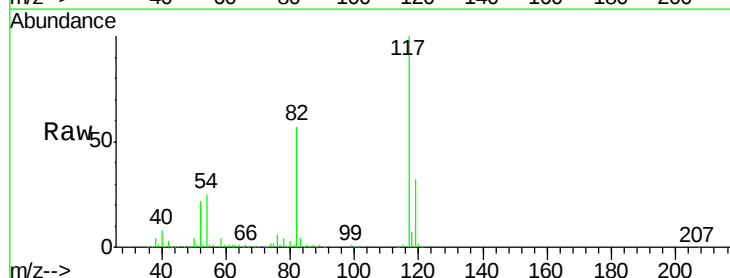
Tgt Ion: 117 Resp: 300105

Ion Ratio Lower Upper

117 100

82 57.4 48.2 72.4

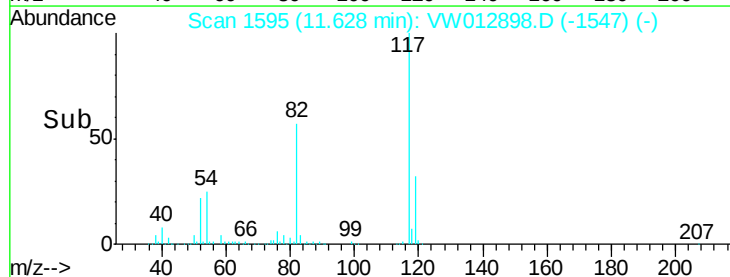
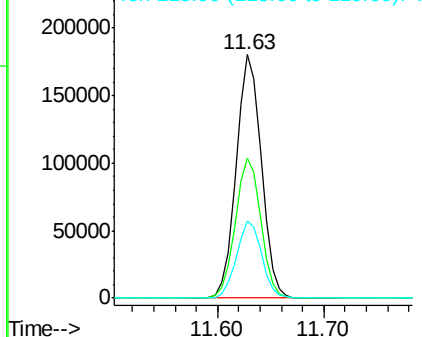
119 31.6 25.8 38.6

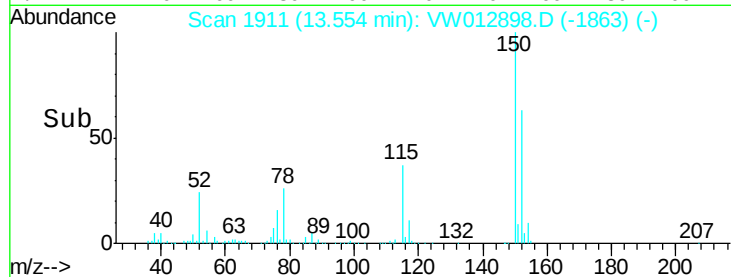
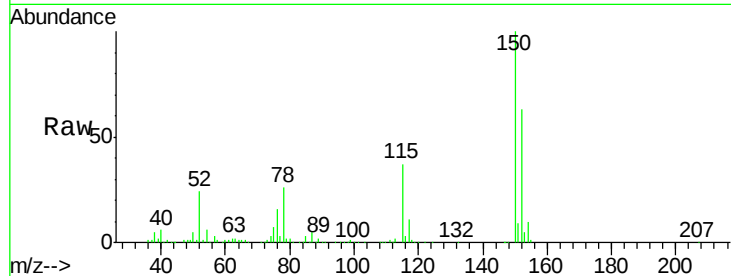
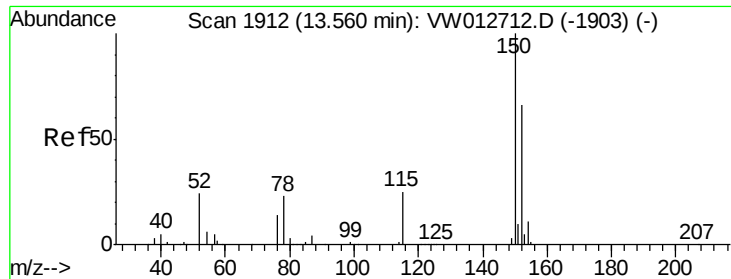


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012898.D

Acq: 11 Sep 2019 04:55

Instrument :

MSVOA_W

ClientSampleId :

T1-3-(0)

Tot Ion:152 Resp: 101998

Ion Ratio Lower Upper

152 100

115 56.8 30.0 90.1

150 153.6 0.0 349.0

