

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012010.D
 Acq On : 20 Aug 2019 00:21
 Operator : SY/VA
 Sample : K4386-05
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E2-(2)

Quant Time: Aug 20 06:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

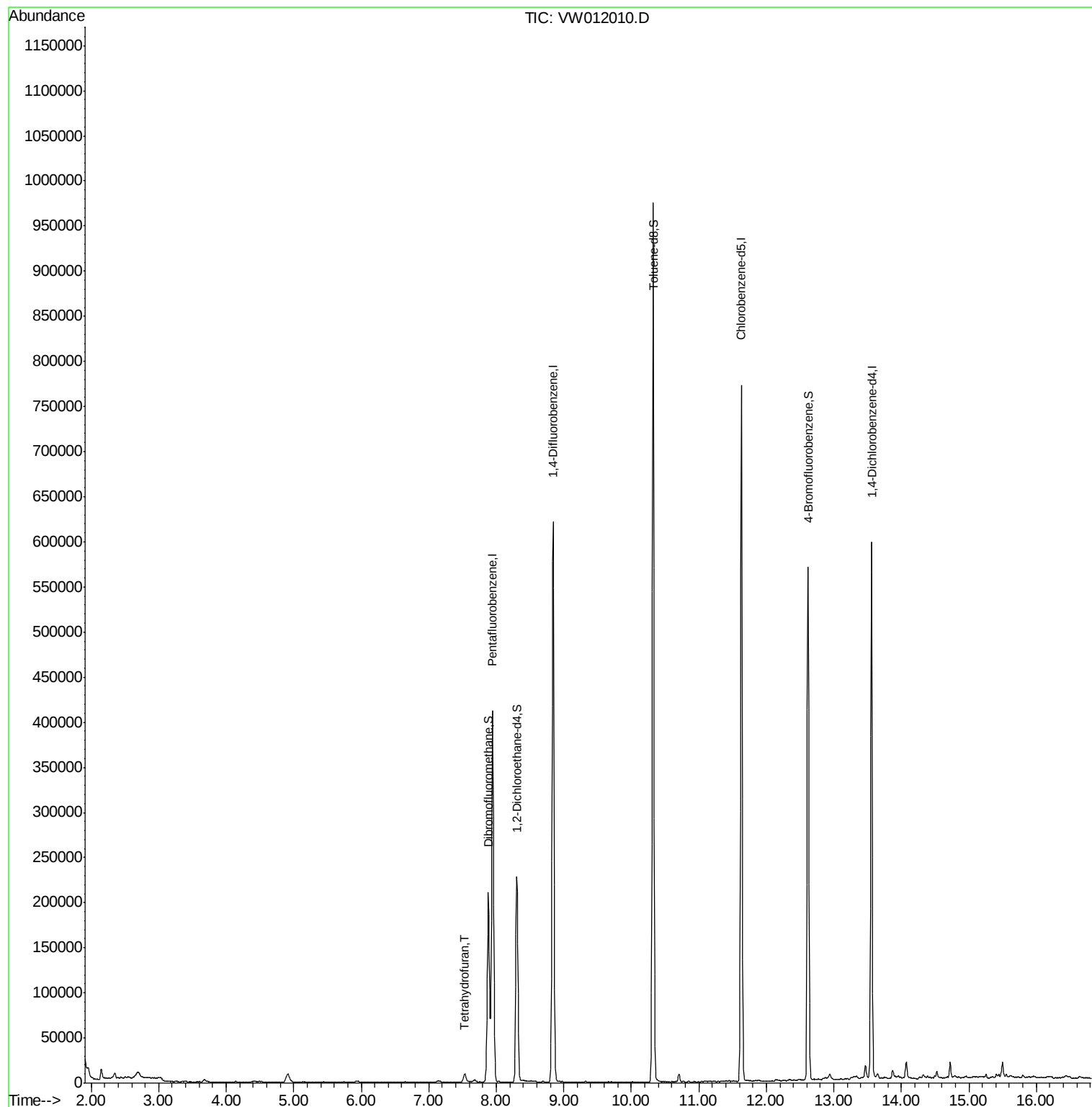
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	181231	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	149092	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
50) Toluene-d8	10.32	98	614760	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
62) 4-Bromofluorobenzene	12.62	95	190705	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	8475	10.434	ug/l	Qvalue 99

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

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QLast Update : Sat Jul 27 00:23:30 2019
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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: VW012010.D

Acq: 20 Aug 2019 00:21

Instrument :

MSVOA_W

ClientSampleId :

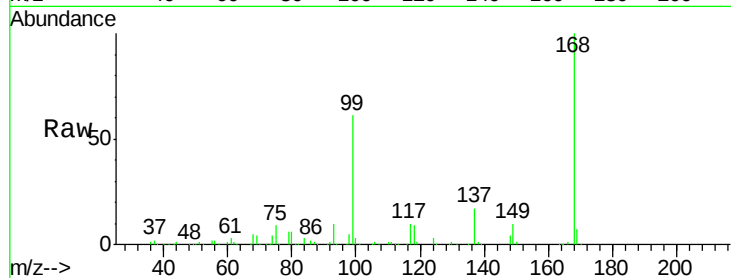
T8-E2-(2)

Tot Ion:168 Resp: 297314

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

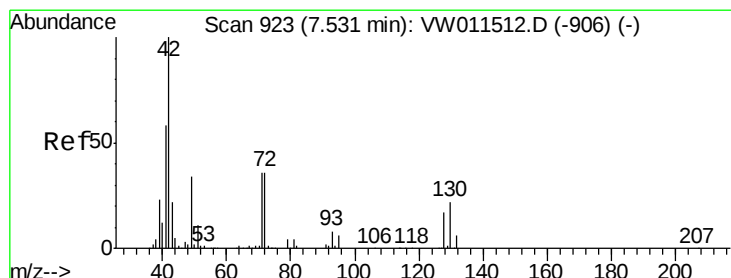
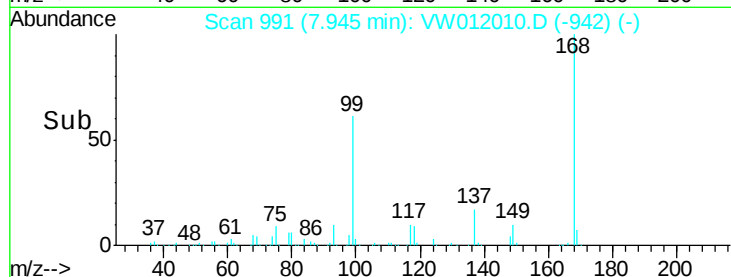
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 10.434 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012010.D

Acq: 20 Aug 2019 00:21

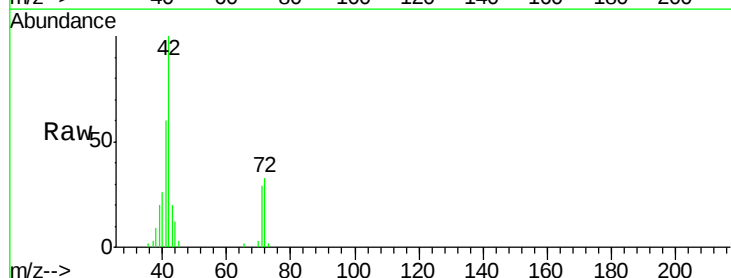
Tgt Ion: 42 Resp: 8475

Ion Ratio Lower Upper

42 100

72 34.3 27.1 40.7

71 33.6 26.2 39.4



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

4000

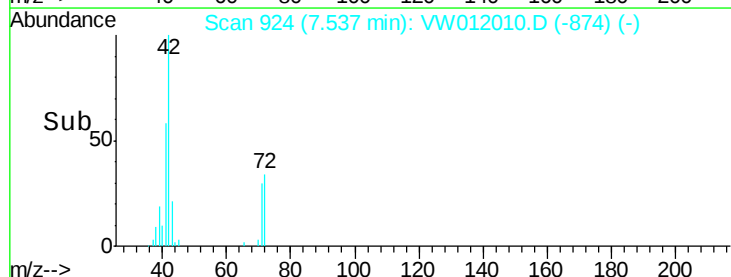
3000

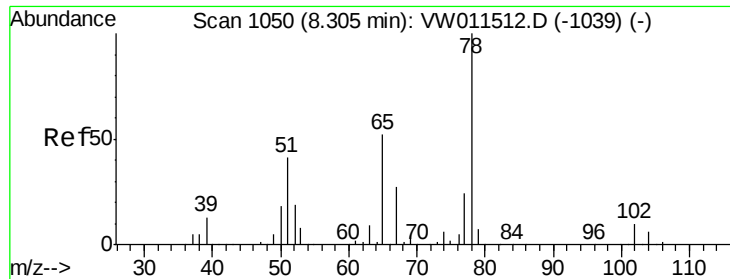
2000

1000

0

Time--> 7.45 7.50 7.55 7.60

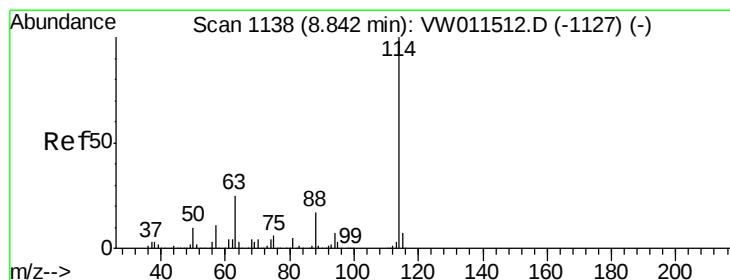
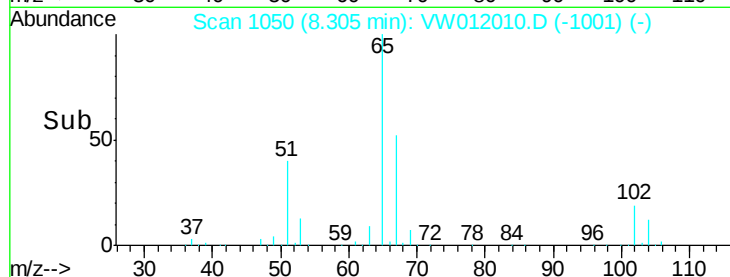
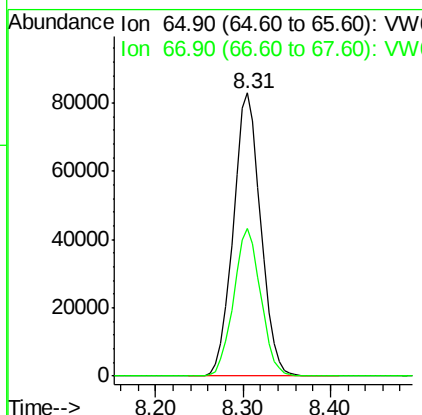
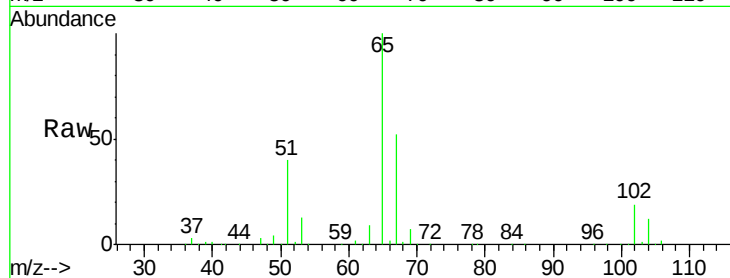




#33
 1,2-Dichloroethane-d4
 Concen: 53.085 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012010.D
 Acq: 20 Aug 2019 00:21

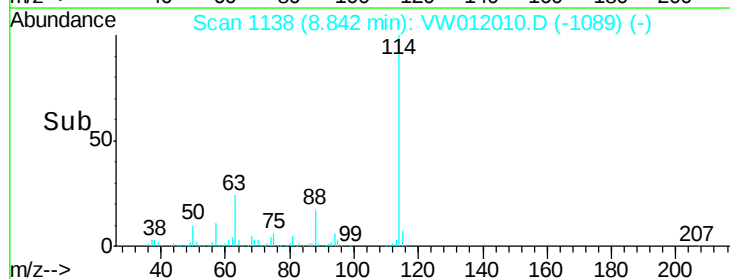
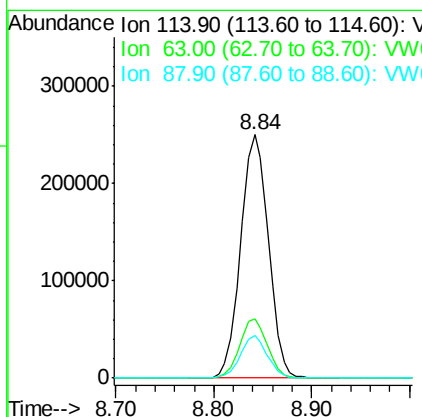
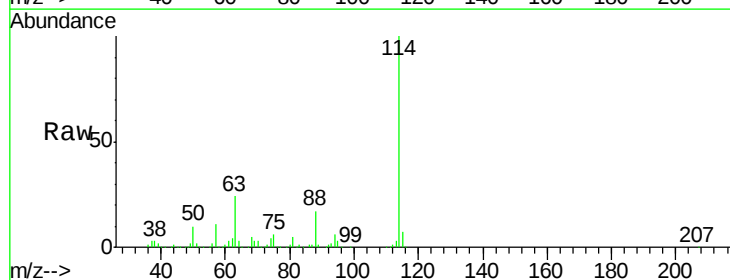
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E2-(2)

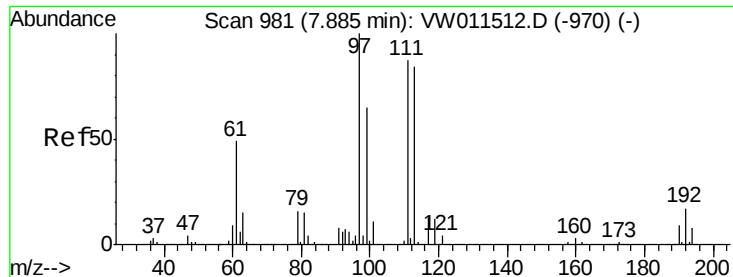
Tot Ion: 65 Resp: 181231
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012010.D
 Acq: 20 Aug 2019 00:21

Tgt Ion: 114 Resp: 494083
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.3 0.0 33.8

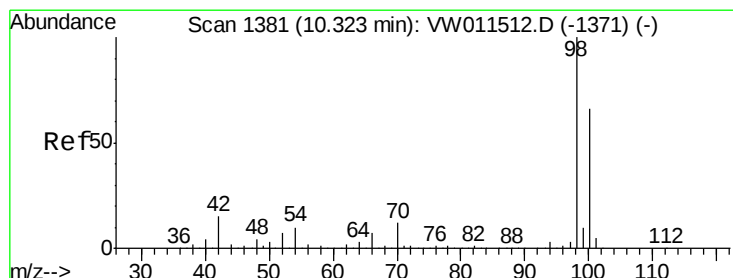
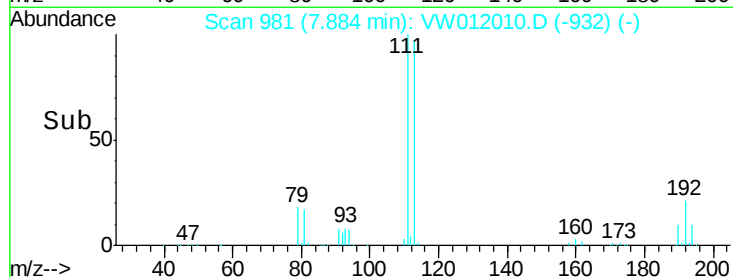
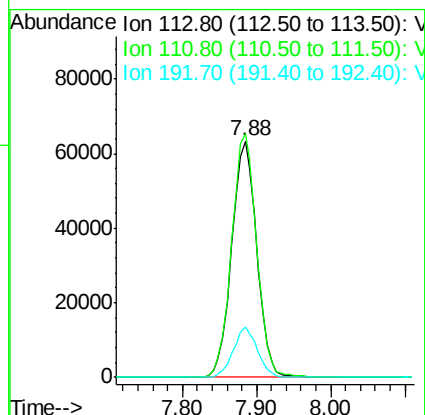
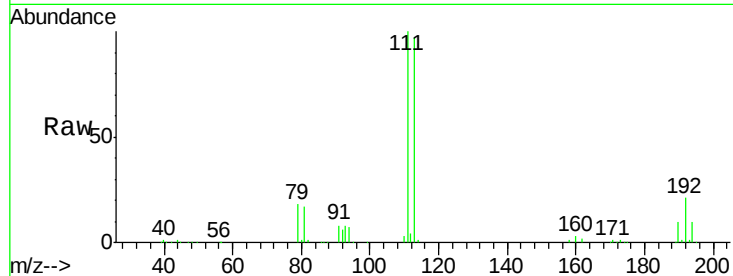




#35
 Dibromofluoromethane
 Concen: 53.787 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012010.D
 Acq: 20 Aug 2019 00:21

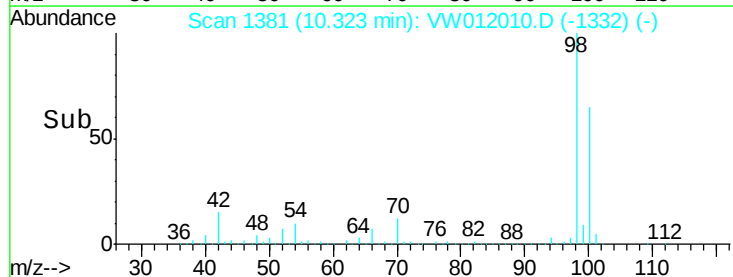
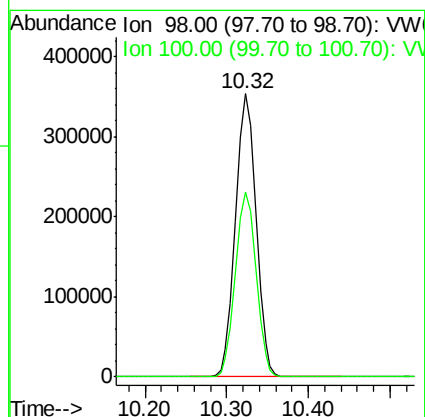
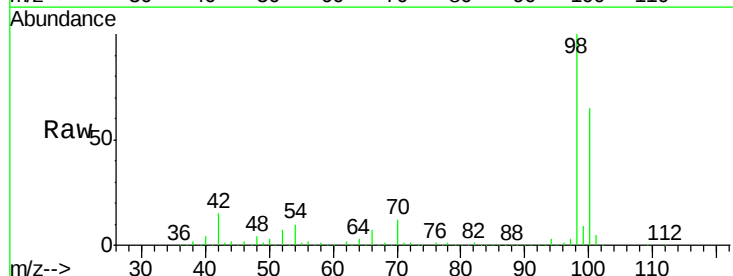
Instrument :
 MSVOA_W
 ClientSampled :
 T8-E2-(2)

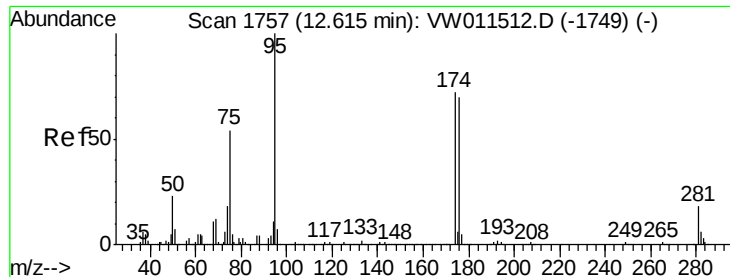
Tot Ion:113 Resp: 149092
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.3 16.1 24.1



#50
 Toluene-d8
 Concen: 54.169 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012010.D
 Acq: 20 Aug 2019 00:21

Tgt Ion: 98 Resp: 614760
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 47.133 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012010.D

Acq: 20 Aug 2019 00:21

Instrument :

MSVOA_W

ClientSampleId :

T8-E2-(2)

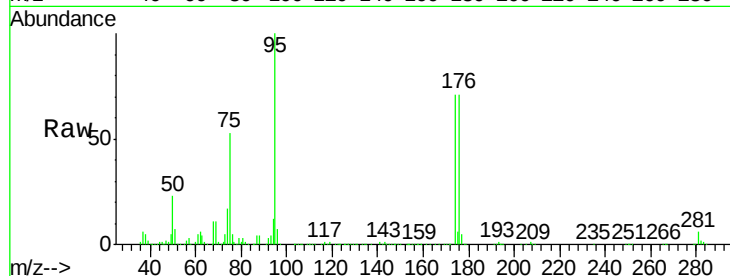
Tot Ion: 95 Resp: 190705

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

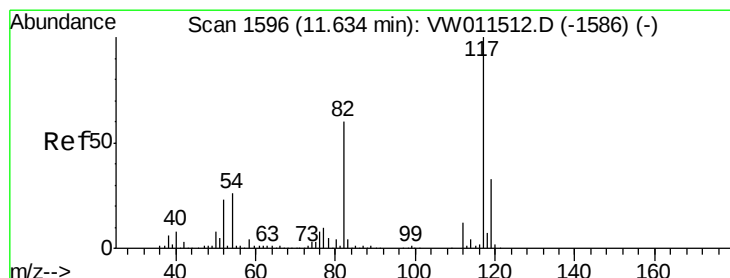
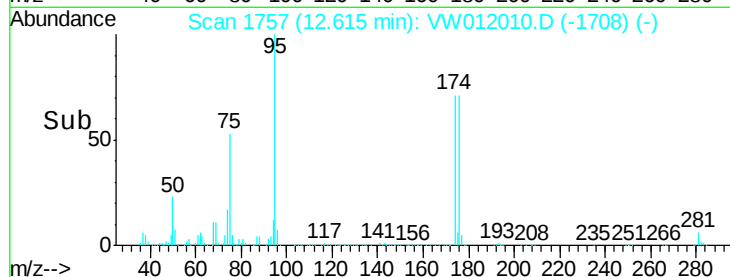
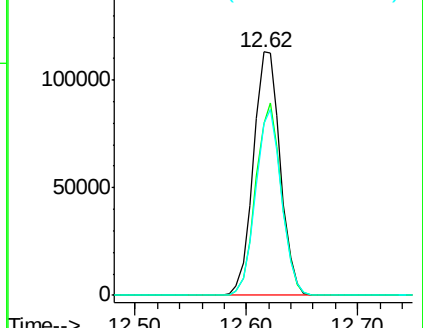
176 73.4 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW012010.D

Acq: 20 Aug 2019 00:21

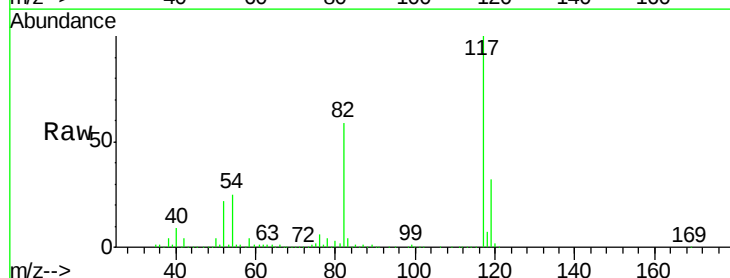
Tgt Ion: 117 Resp: 414905

Ion Ratio Lower Upper

117 100

82 59.4 47.9 71.9

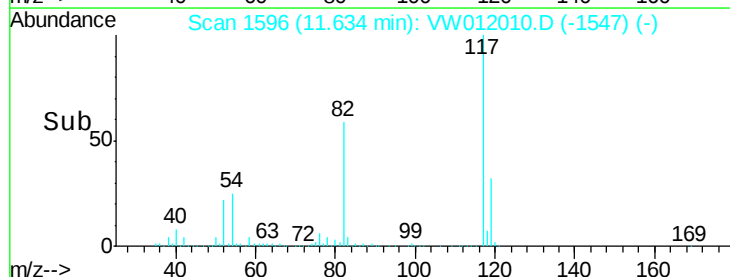
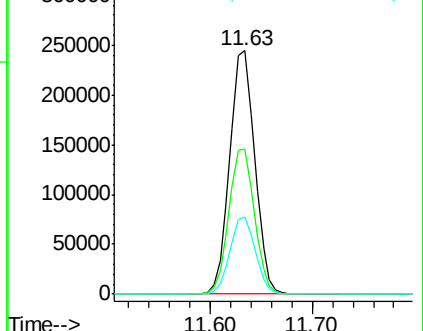
119 31.9 26.2 39.2

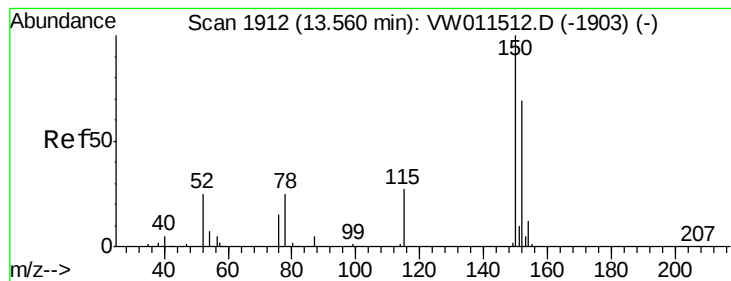


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012010.D

Acq: 20 Aug 2019 00:21

Instrument :

MSVOA_W

ClientSampleId :

T8-E2-(2)

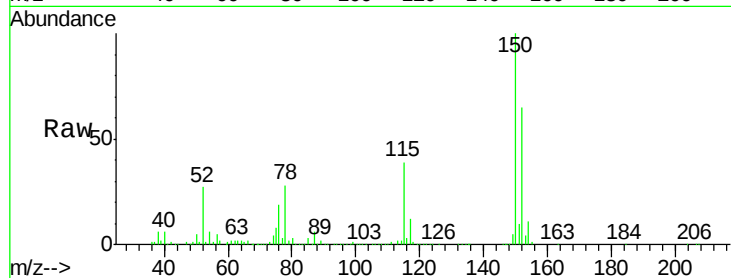
Tot Ion:152 Resp: 149392

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 155.7 0.0 352.6



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

