

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012722.D
 Acq On : 07 Sep 2019 16:29
 Operator : SY/VA
 Sample : K4581-15
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(0)

Quant Time: Sep 08 05:29:44 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

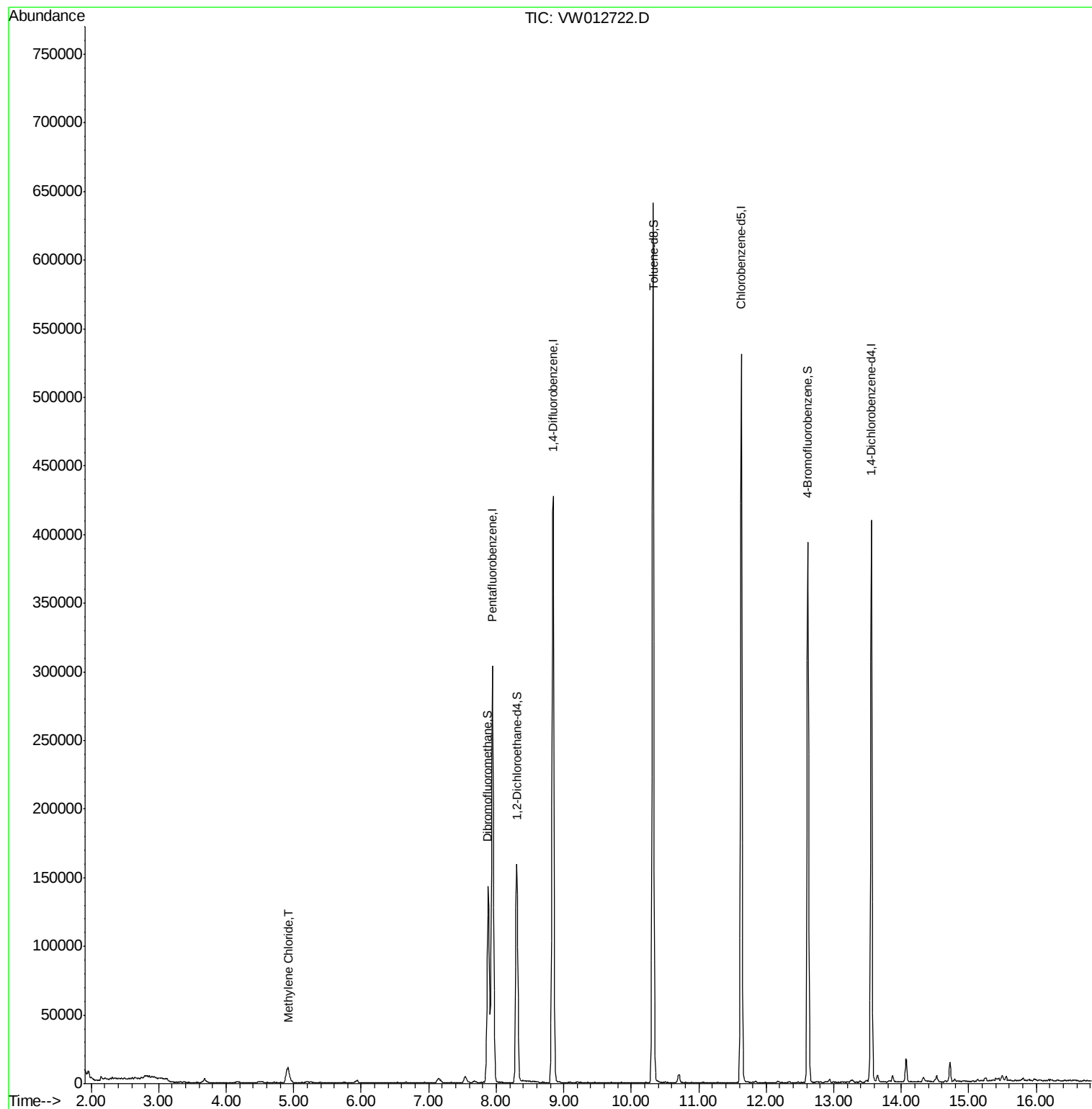
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	102145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132905	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.88	113	102243	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.32	98	409330	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	123850	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	
Target Compounds						
20) Methylene Chloride	4.92	84	8296	3.887	ug/l	Qvalue 95

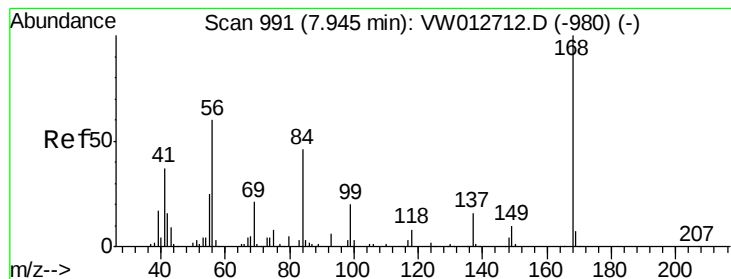
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012722.D

Acq: 07 Sep 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

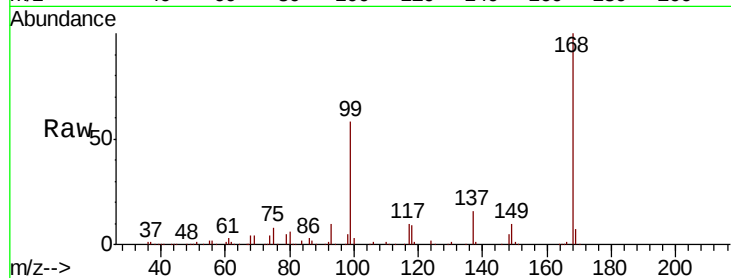
T12-D4-(0)

Tot Ion:168 Resp: 223973

Ion Ratio Lower Upper

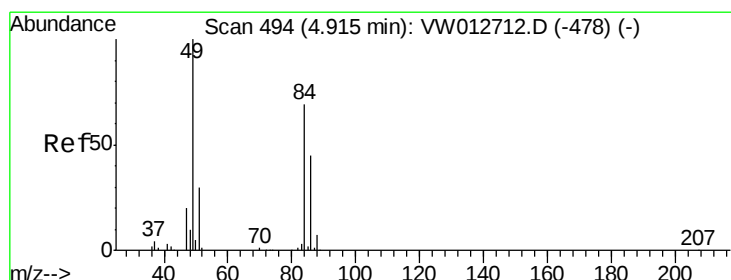
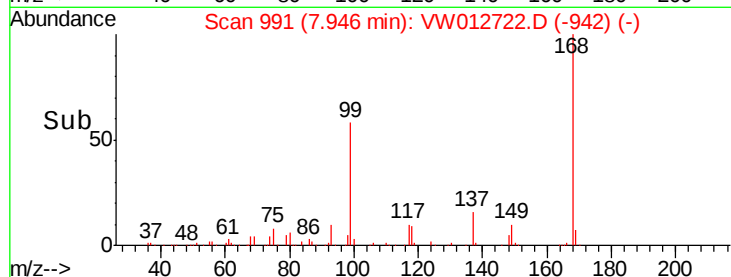
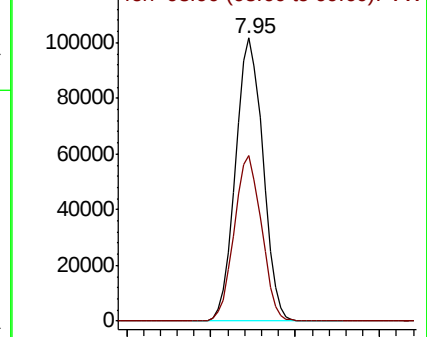
168 100

99 58.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 3.887 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012722.D

Acq: 07 Sep 2019 16:29

Tgt Ion: 84 Resp: 8296

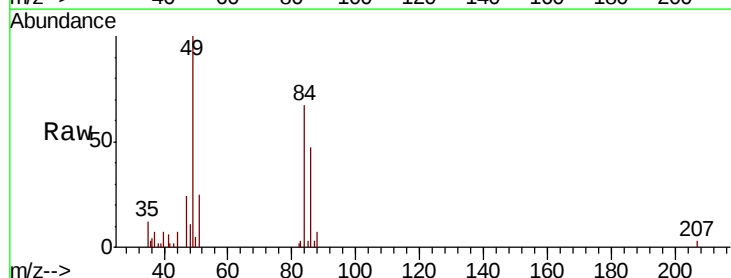
Ion Ratio Lower Upper

84 100

49 149.0 115.4 173.0

51 37.7 34.9 52.3

86 69.9 52.2 78.4

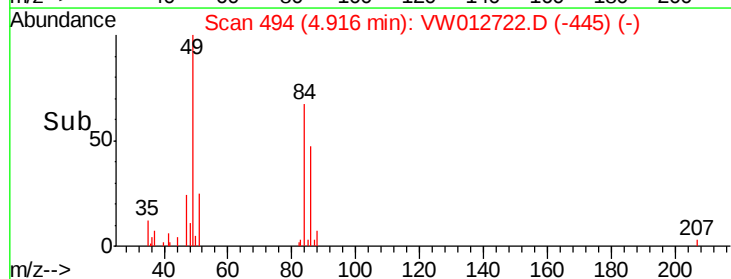
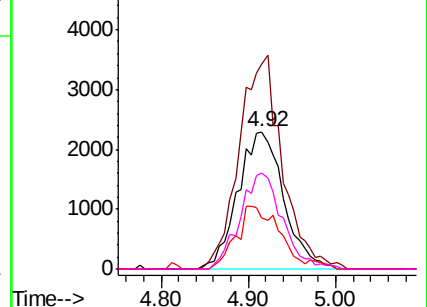


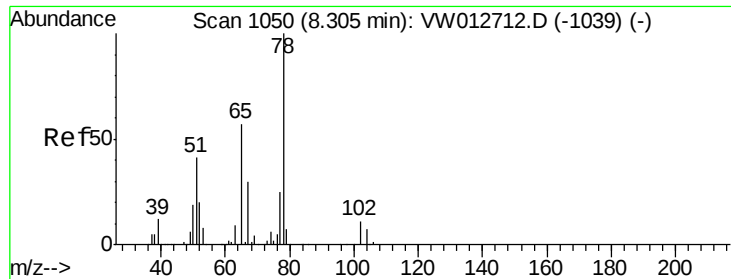
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

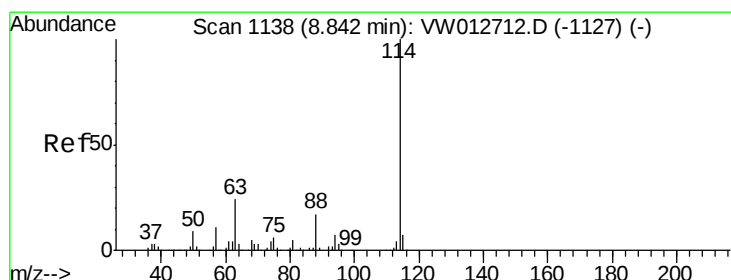
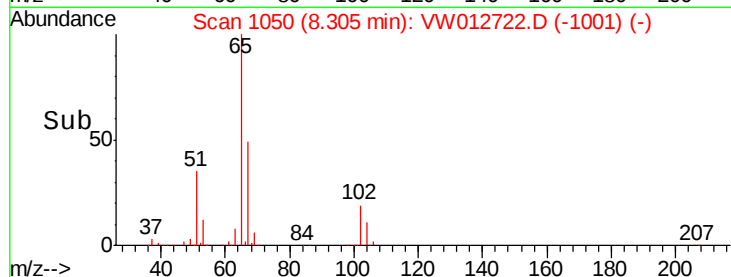
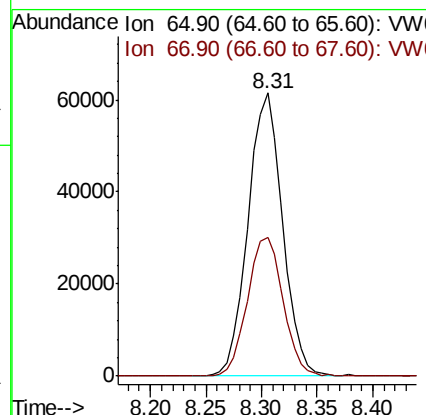
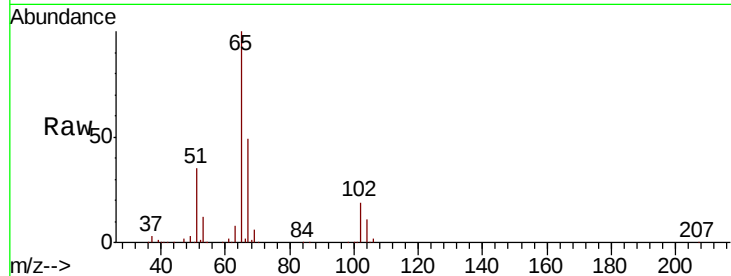




#33
 1,2-Dichloroethane-d4
 Concen: 53.108 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012722.D
 Acq: 07 Sep 2019 16:29

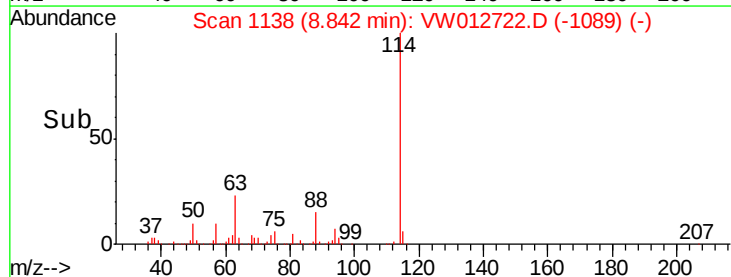
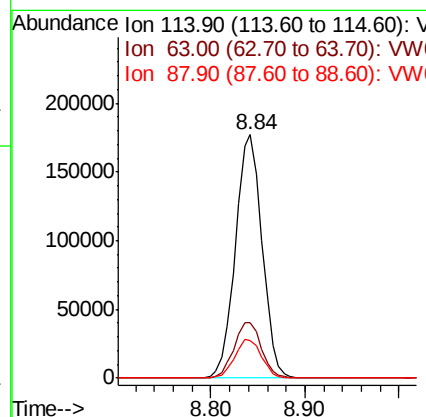
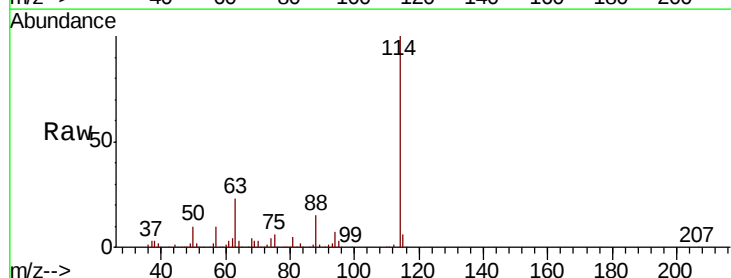
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(0)

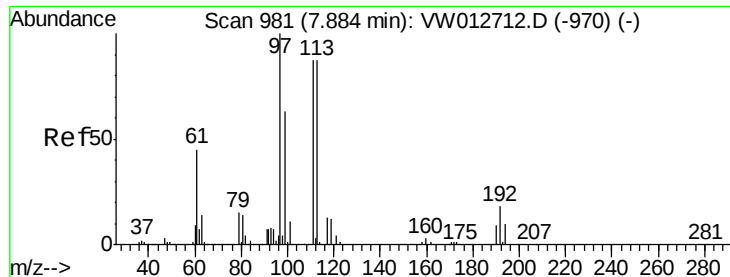
Tot Ion: 65 Resp: 132905
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012722.D
 Acq: 07 Sep 2019 16:29

Tgt Ion: 114 Resp: 347975
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 15.4 0.0 34.0

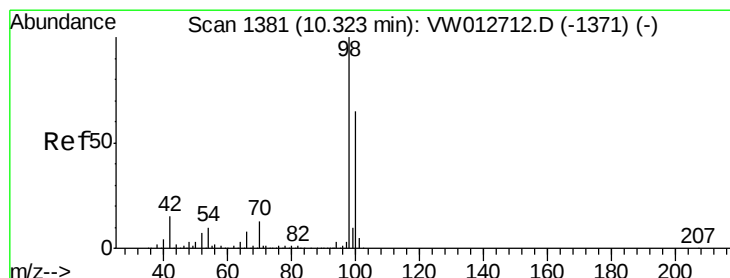
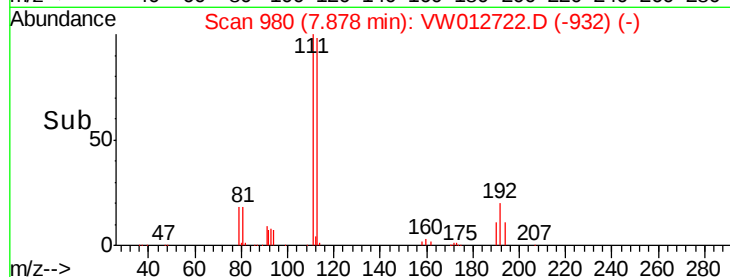
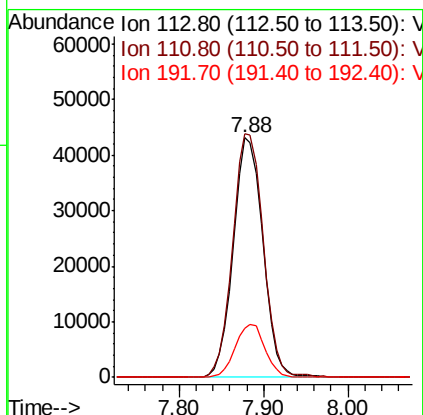
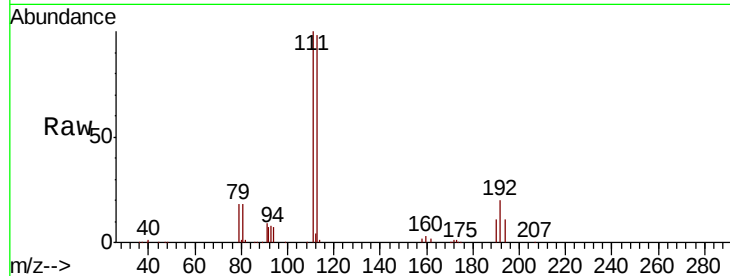




#35
 Dibromofluoromethane
 Concen: 49.421 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012722.D
 Acq: 07 Sep 2019 16:29

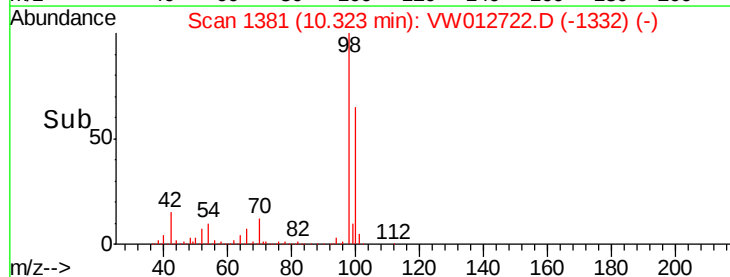
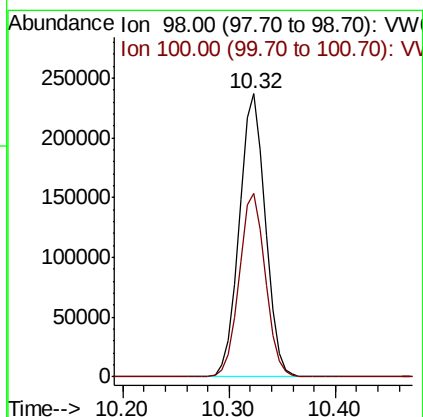
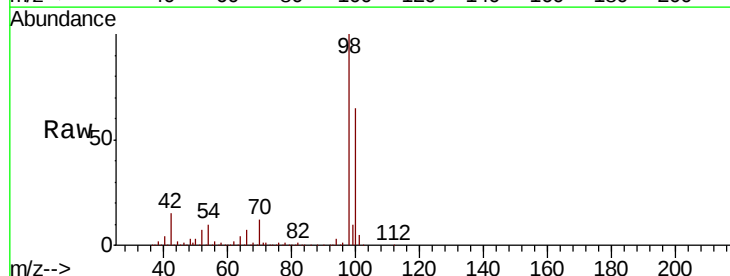
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(0)

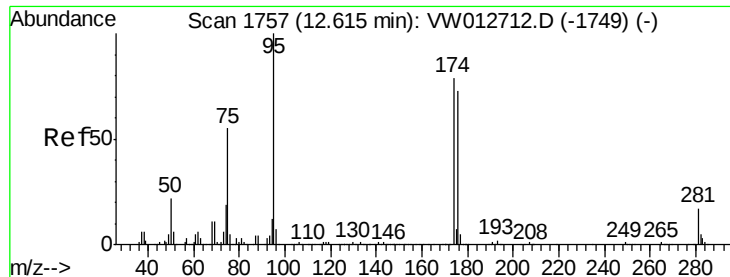
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.2	120.4
192	22.3	17.3	25.9



#50
 Toluene-d8
 Concen: 50.503 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012722.D
 Acq: 07 Sep 2019 16:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 42.091 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012722.D

Acq: 07 Sep 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

T12-D4-(0)

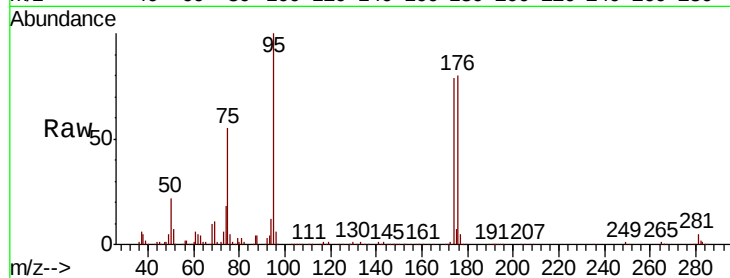
Tot Ion: 95 Resp: 123850

Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.0

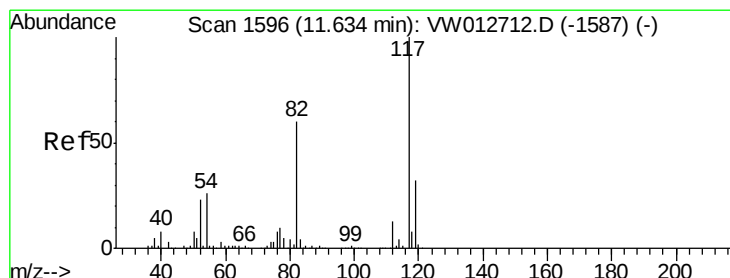
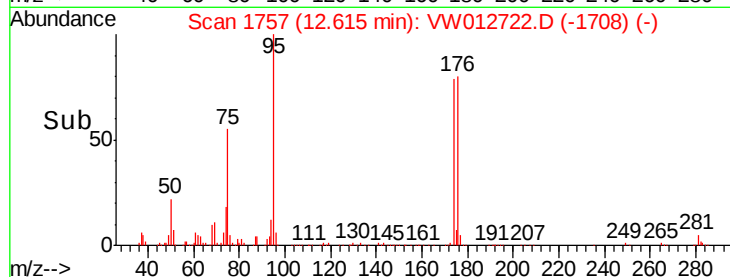
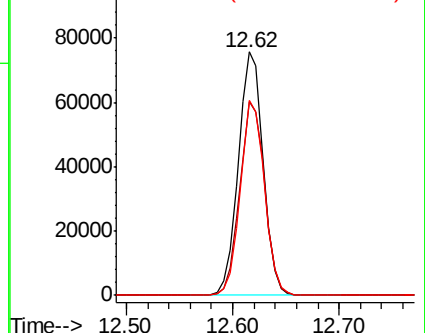
176 78.1 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW012722.D (-1749) (-)

Ion 173.80 (173.50 to 174.50): VW012722.D (-1749) (-)

Ion 175.80 (175.50 to 176.50): VW012722.D (-1749) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012722.D

Acq: 07 Sep 2019 16:29

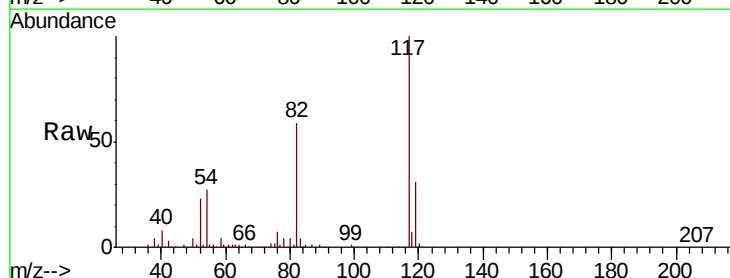
Tgt Ion: 117 Resp: 275861

Ion Ratio Lower Upper

117 100

82 59.5 48.2 72.4

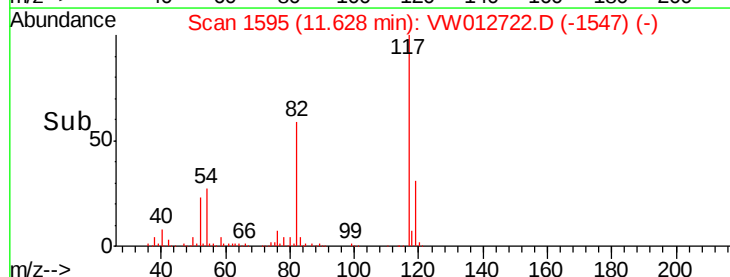
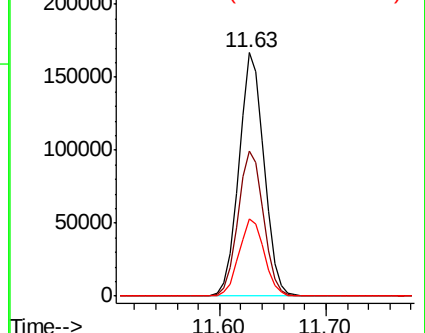
119 31.5 25.8 38.6

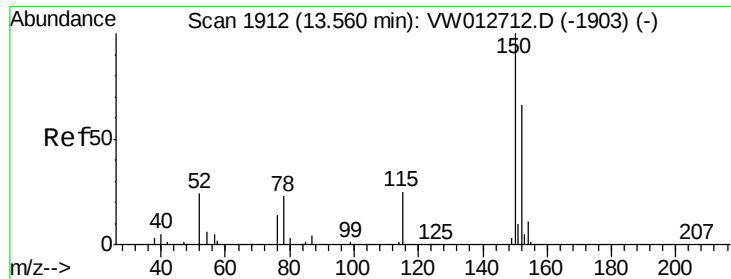


Abundance Ion 116.90 (116.60 to 117.60): VW012722.D (-1547) (-)

Ion 82.00 (81.70 to 82.70): VW012722.D (-1547) (-)

Ion 118.90 (118.60 to 119.60): VW012722.D (-1547) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012722.D

Acq: 07 Sep 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

T12-D4-(0)

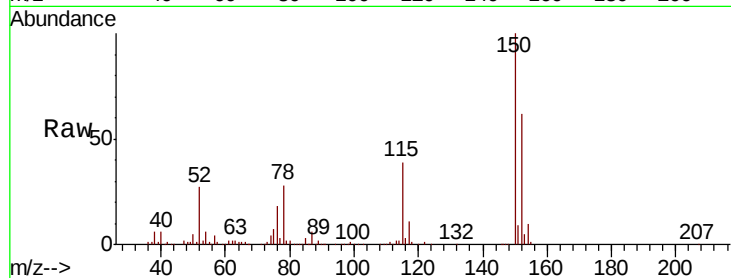
Tot Ion:152 Resp: 102145

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.1

150 160.2 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

