

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012237.D
 Acq On : 28 Aug 2019 06:16
 Operator : SY/VA
 Sample : K4472-09
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1(0)

Quant Time: Aug 28 08:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

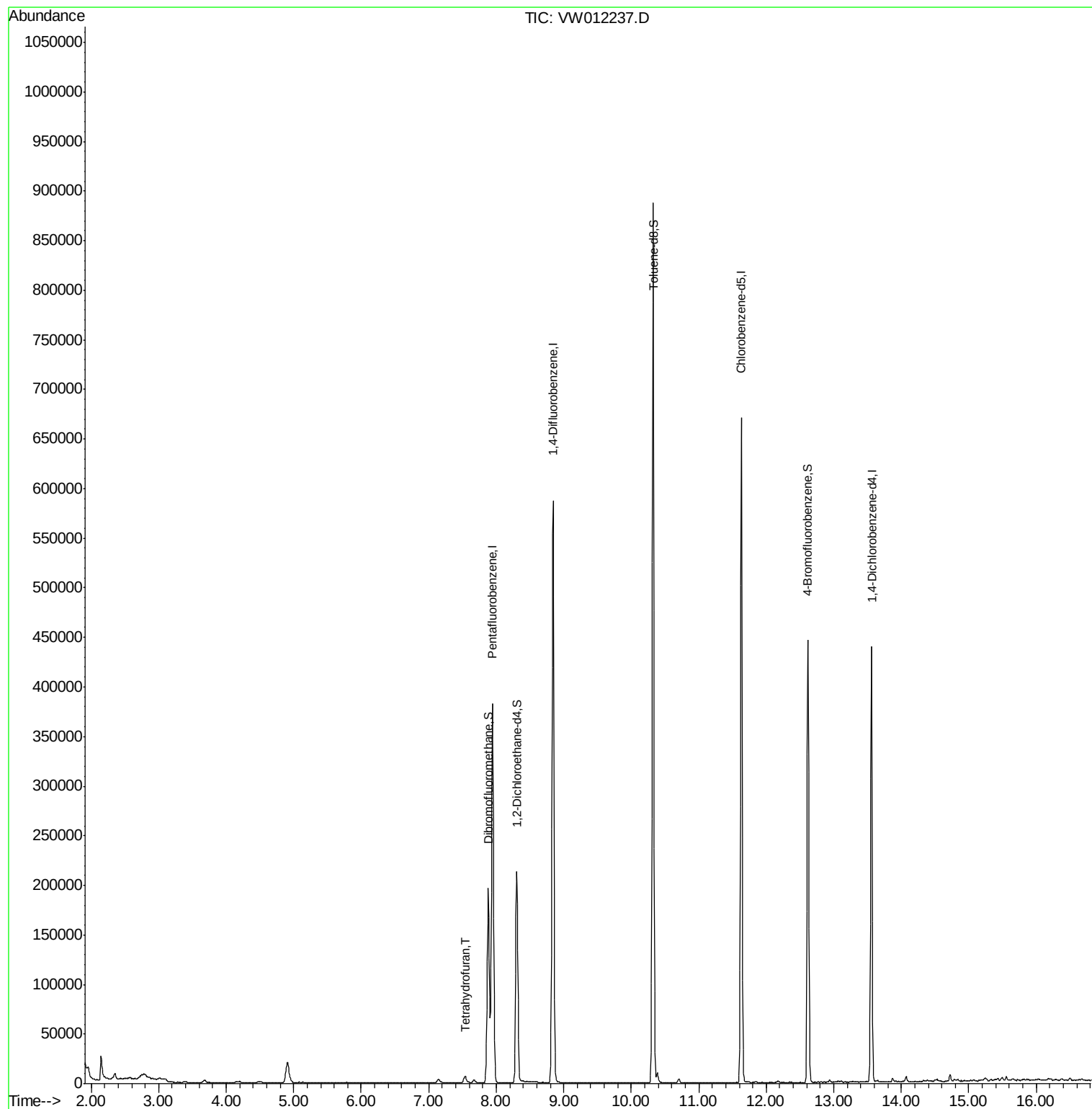
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169838	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	140146	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.32	98	555671	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	150242	38.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.18%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5977	8.462	ug/l	98

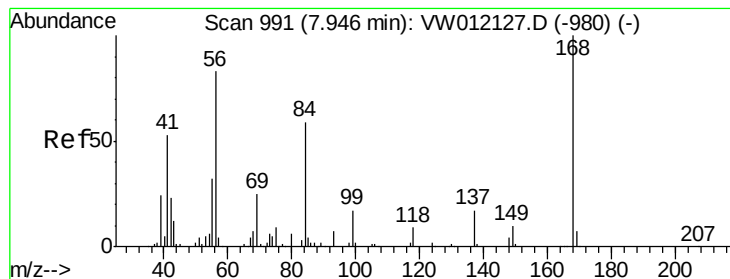
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012237.D
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012237.D

Acq: 28 Aug 2019 06:16

Instrument :

MSVOA_W

ClientSampleId :

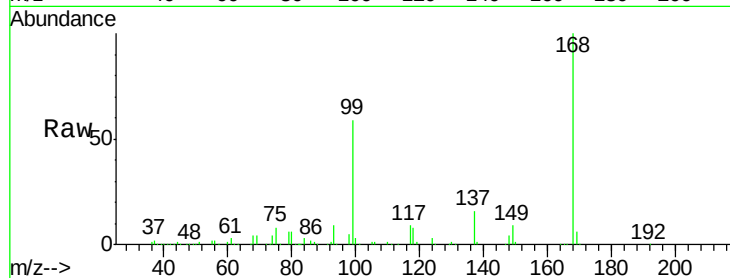
T2-S1(0)

Tot Ion:168 Resp: 285117

Ion Ratio Lower Upper

168 100

99 59.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

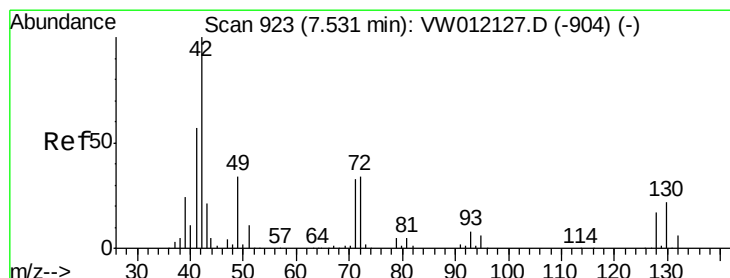
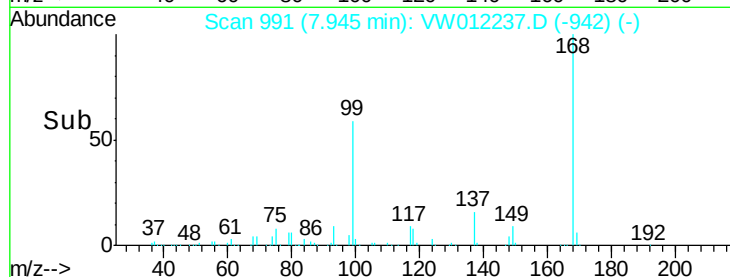
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 8.462 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012237.D

Acq: 28 Aug 2019 06:16

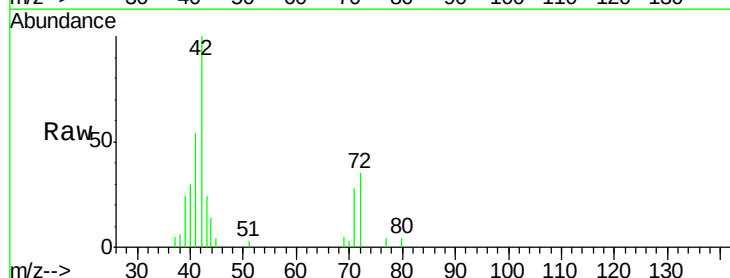
Tgt Ion: 42 Resp: 5977

Ion Ratio Lower Upper

42 100

72 34.8 27.3 40.9

71 29.9 25.5 38.3



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

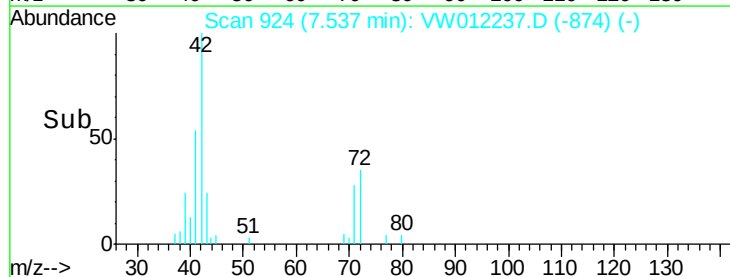
1500

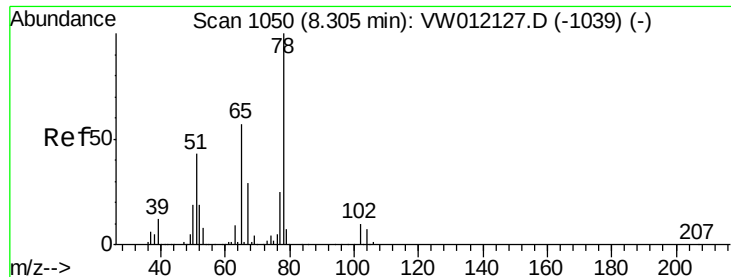
1000

500

0

Time-->

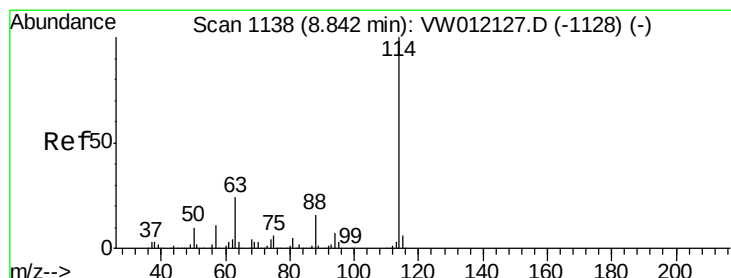
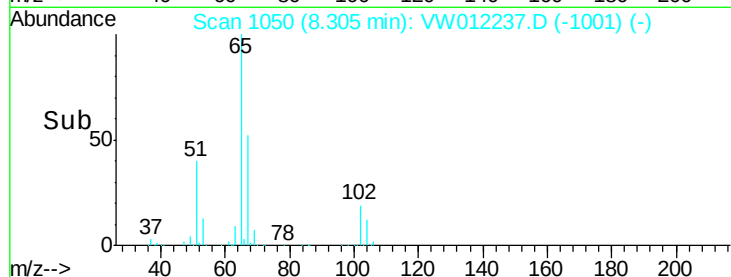
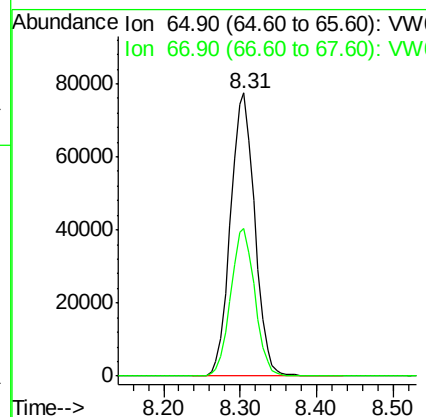
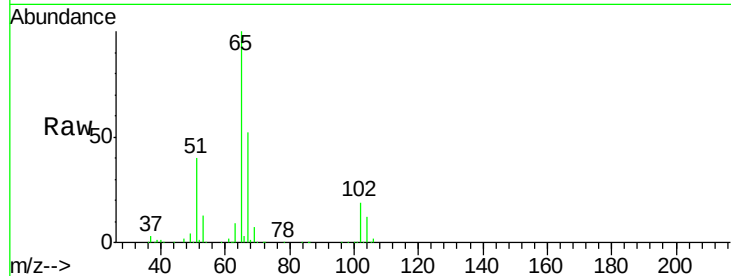




#33
 1,2-Dichloroethane-d4
 Concen: 50.109 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012237.D
 Acq: 28 Aug 2019 06:16

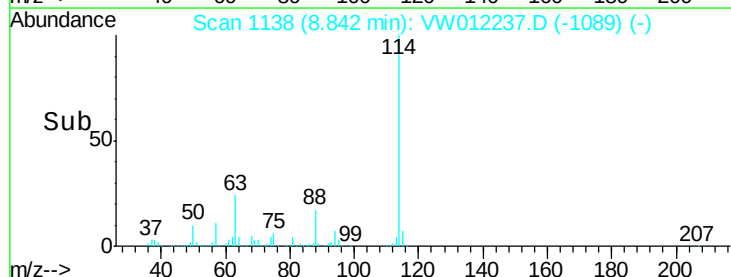
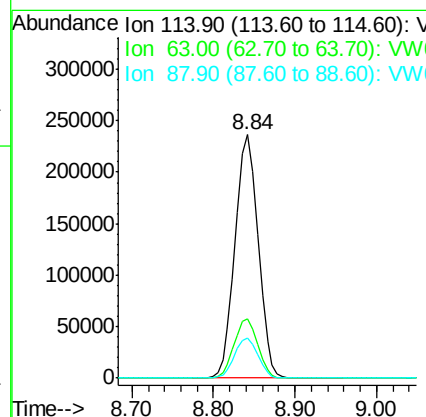
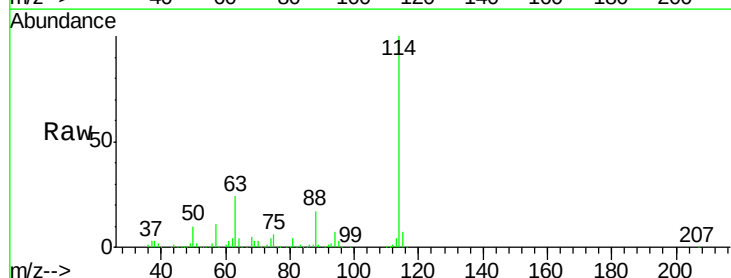
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1(0)

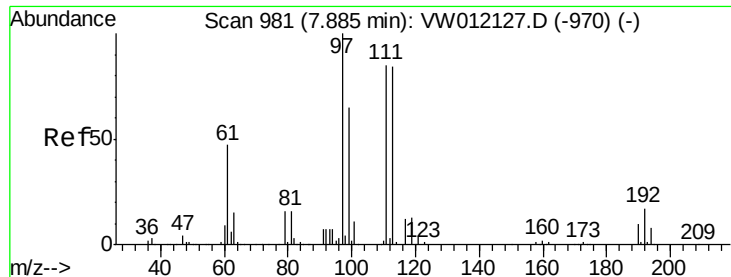
Tot Ion: 65 Resp: 169838
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012237.D
 Acq: 28 Aug 2019 06:16

Tgt Ion: 114 Resp: 462365
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.7 0.0 32.2

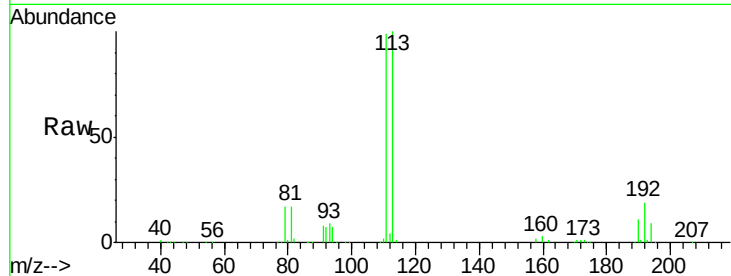




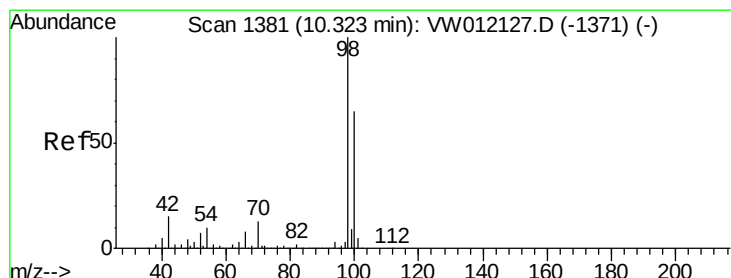
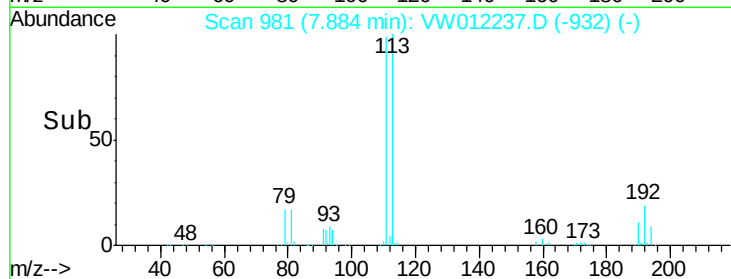
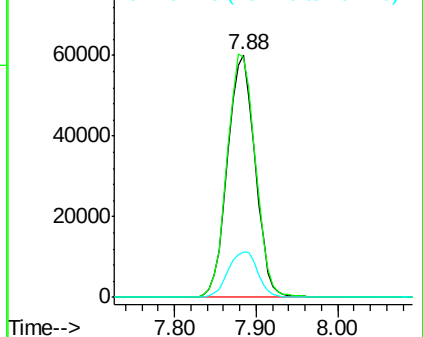
#35
 Dibromofluoromethane
 Concen: 50.780 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012237.D
 Acq: 28 Aug 2019 06:16

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.2	16.2	24.2

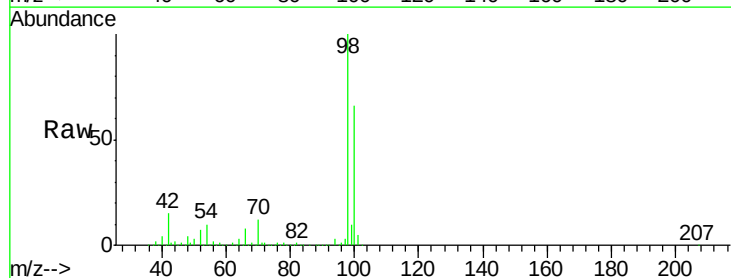


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

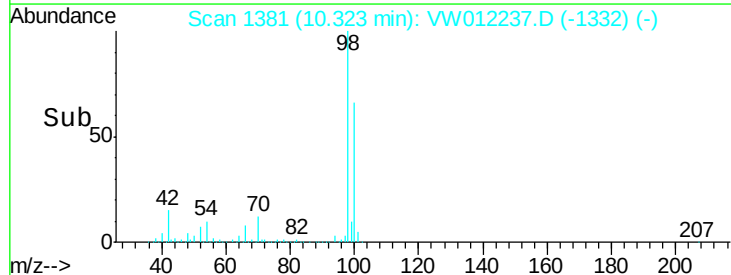
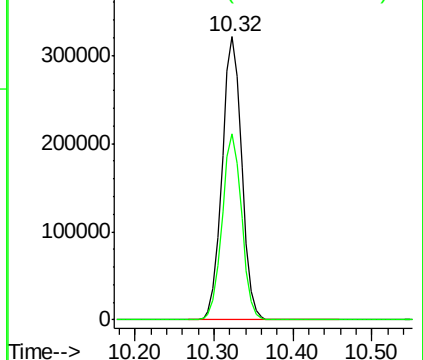


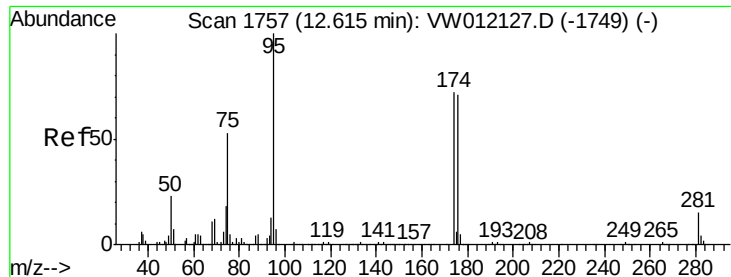
#50
 Toluene-d8
 Concen: 49.656 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012237.D
 Acq: 28 Aug 2019 06:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 38.088 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012237.D

Acq: 28 Aug 2019 06:16

Instrument :

MSVOA_W

ClientSampleId :

T2-S1(0)

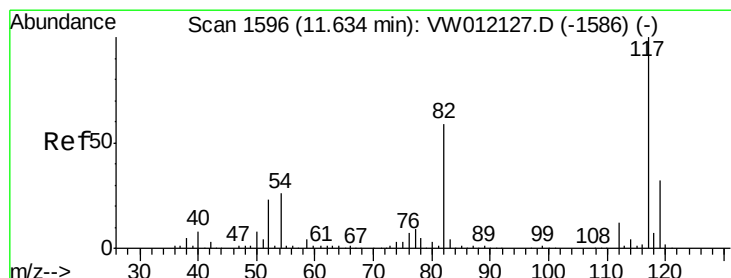
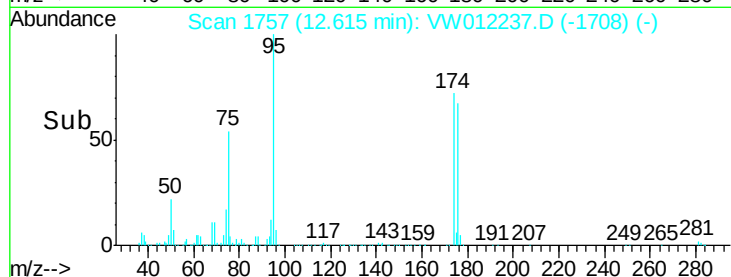
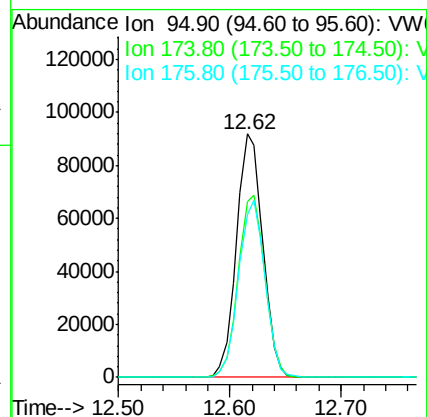
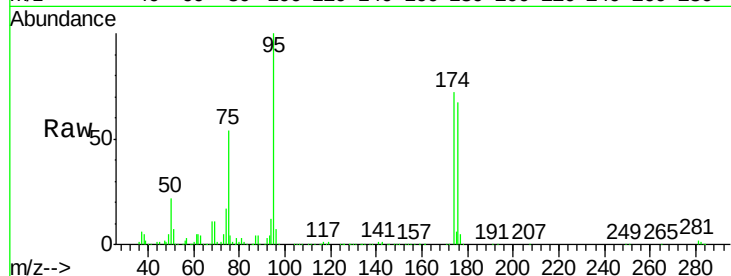
Tot Ion: 95 Resp: 150242

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.8

176 72.8 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012237.D

Acq: 28 Aug 2019 06:16

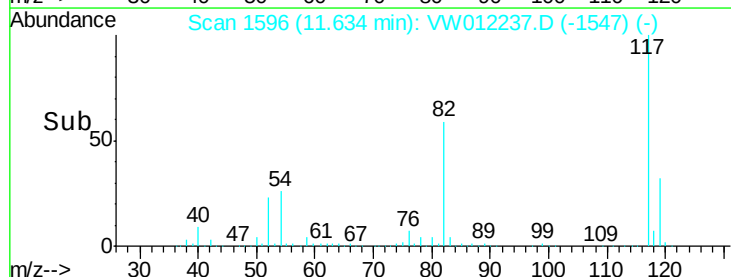
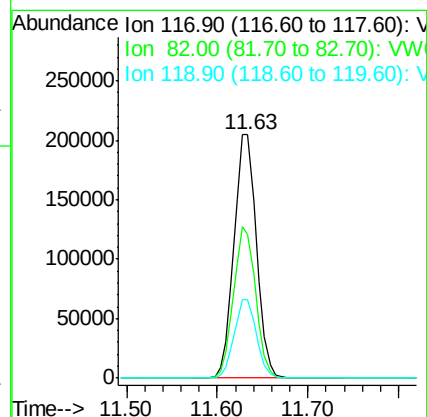
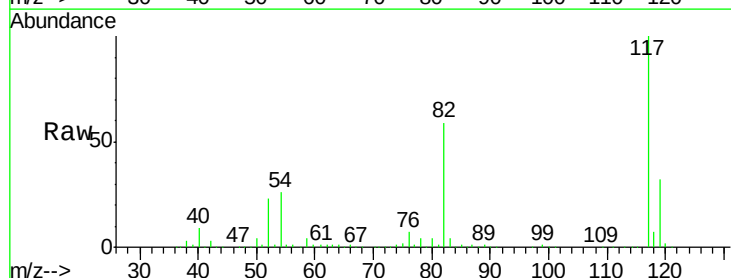
Tgt Ion: 117 Resp: 351538

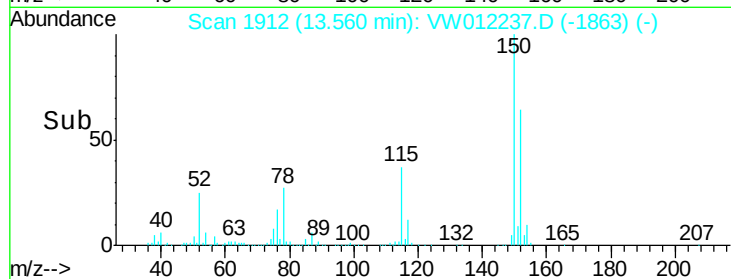
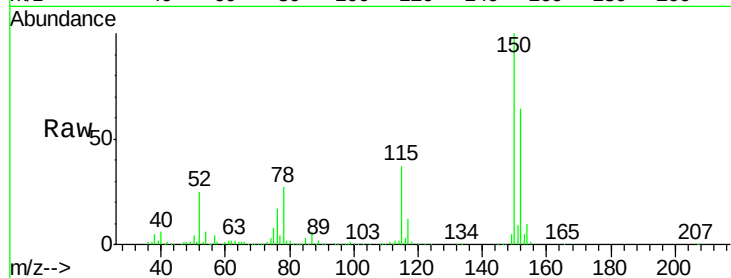
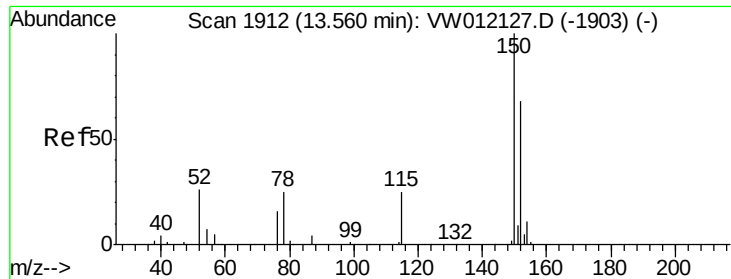
Ion Ratio Lower Upper

117 100

82 59.0 47.4 71.2

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012237.D

Acq: 28 Aug 2019 06:16

Instrument :

MSVOA_W

ClientSampleId :

T2-S1(0)

Tot Ion:152 Resp: 110687

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.2 0.0 345.8

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

