

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013234.D
 Acq On : 23 Sep 2019 16:30
 Operator : SY/VA
 Sample : K4918-12
 Misc : 3.28G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Quant Time: Sep 24 07:33:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

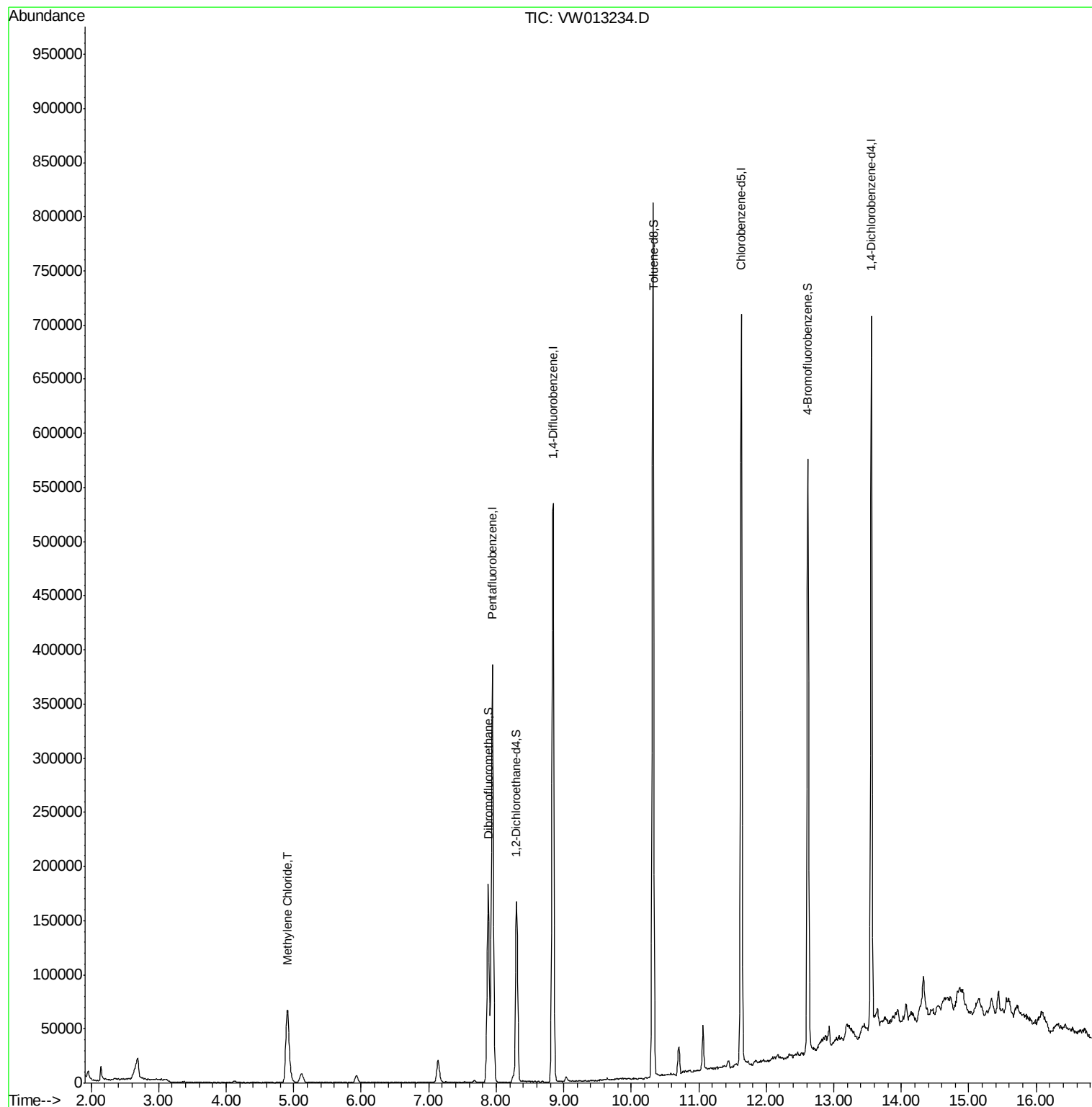
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	185563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131498	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	134973	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.32	98	561777	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	184363	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
20) Methylene Chloride	4.90	84	60921	18.482	ug/l	Qvalue 99

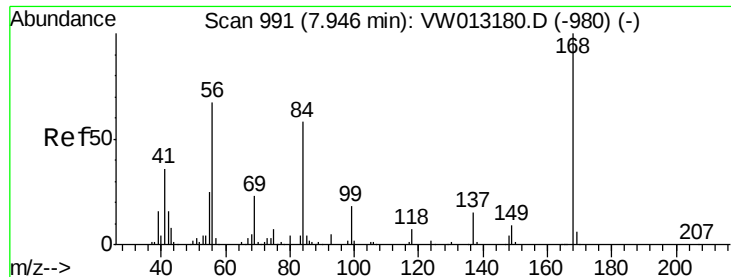
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

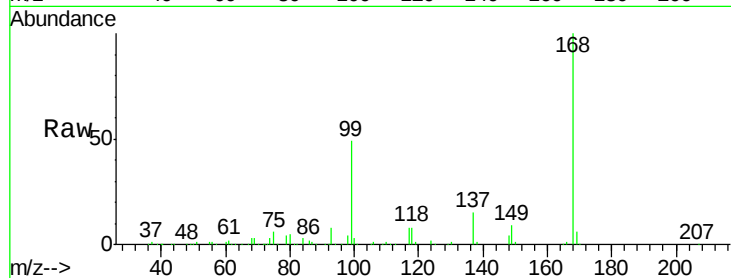
SB-12

Tot Ion:168 Resp: 318619

Ion Ratio Lower Upper

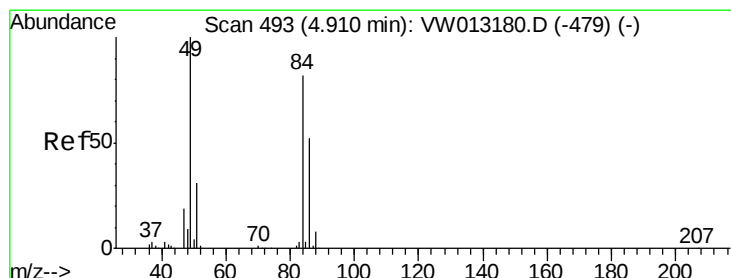
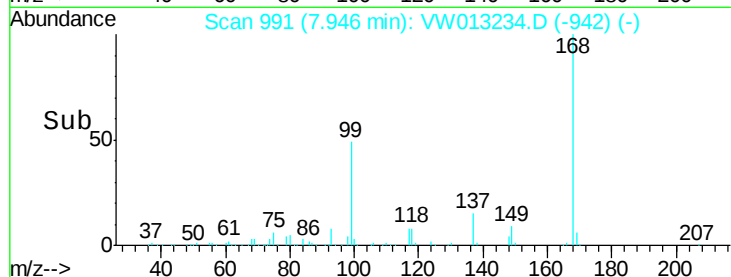
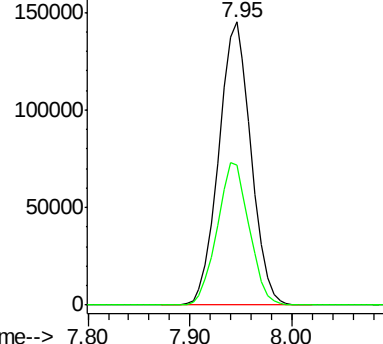
168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 18.482 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Tgt Ion: 84 Resp: 60921

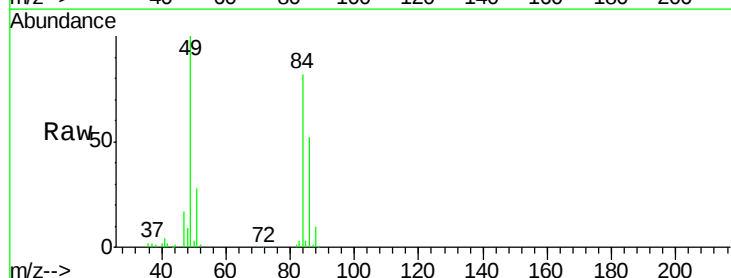
Ion Ratio Lower Upper

84 100

49 121.6 97.6 146.4

51 34.0 30.2 45.2

86 63.8 50.6 76.0

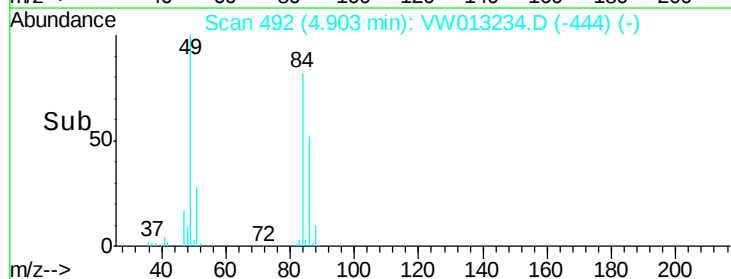
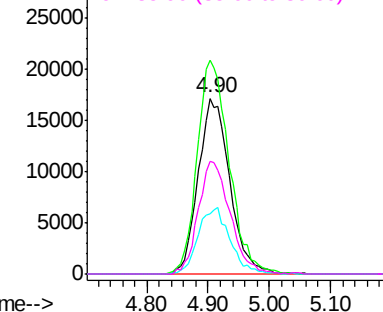


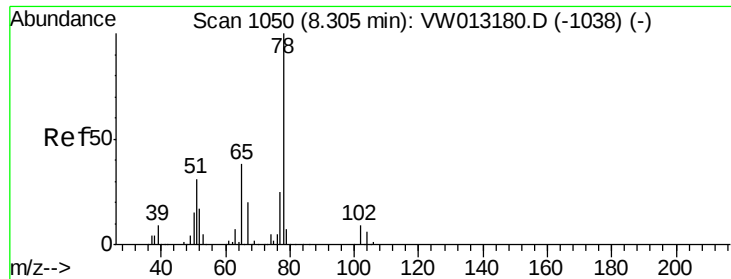
Abundance Ion 83.90 (83.60 to 84.60): VW

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

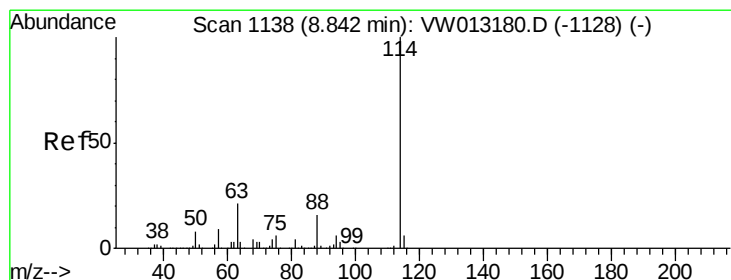
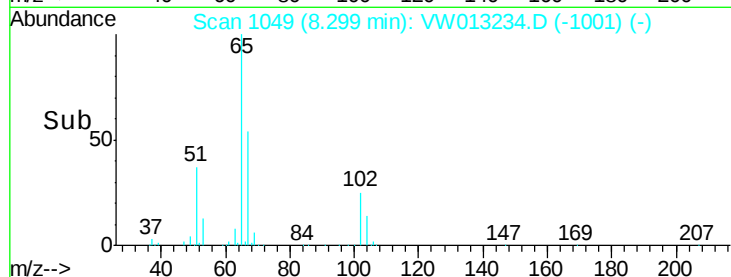
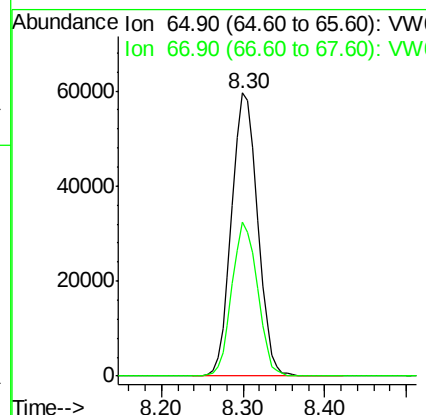
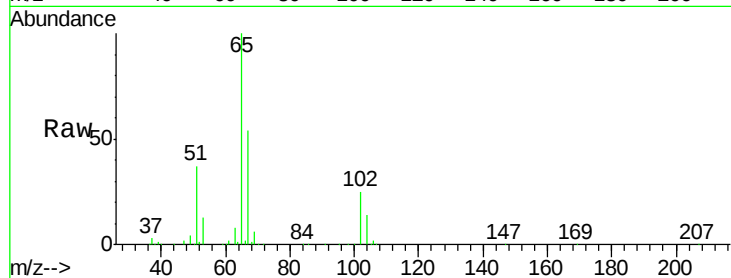




#33
 1,2-Dichloroethane-d4
 Concen: 50.568 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

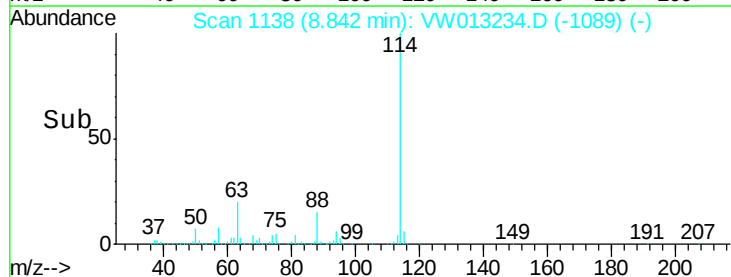
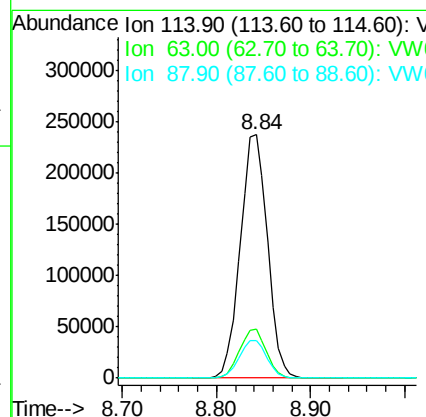
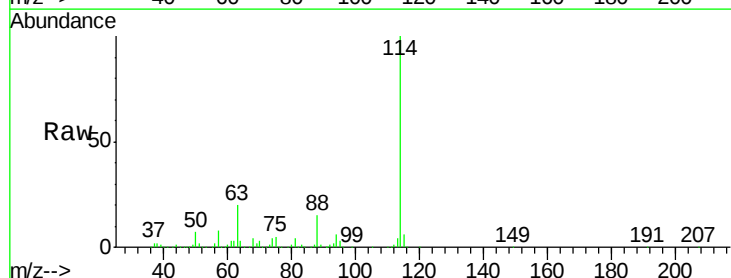
Instrument :
 MSVOA_W
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 SB-12

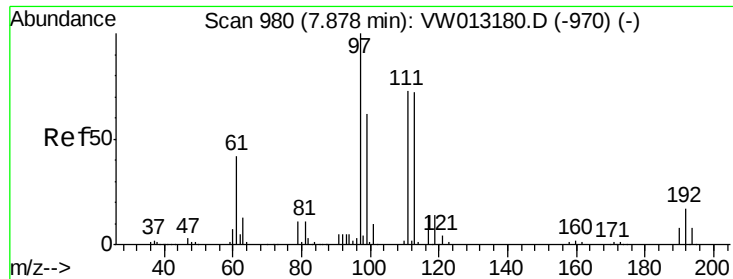
Tot Ion: 65 Resp: 131498
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

Tgt Ion: 114 Resp: 478110
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.2 0.0 32.0

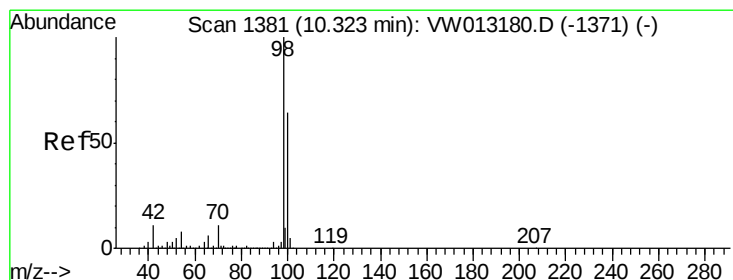
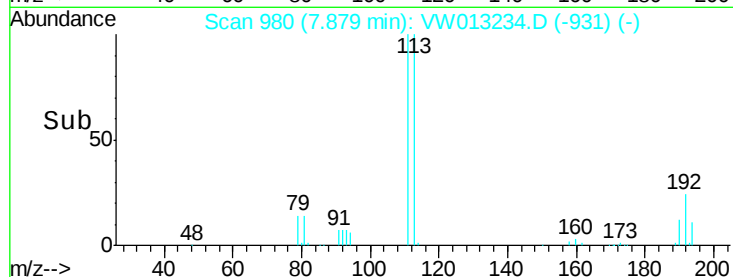
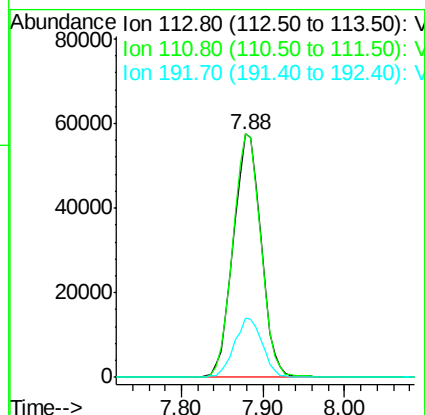
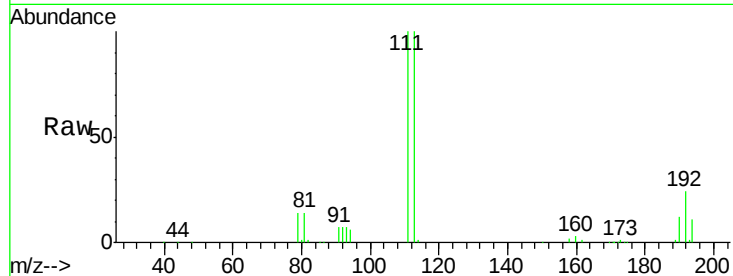




#35
 Dibromofluoromethane
 Concen: 51.328 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

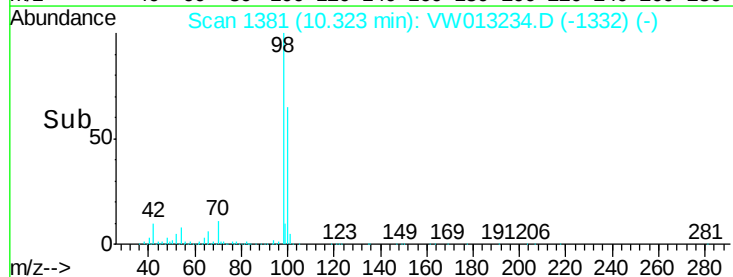
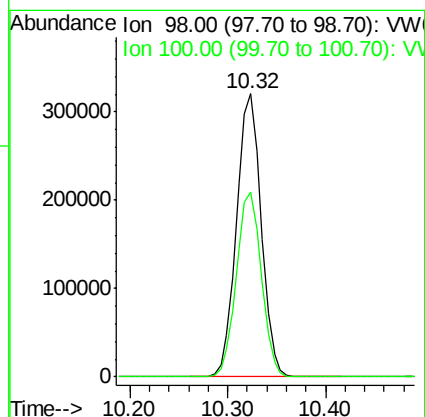
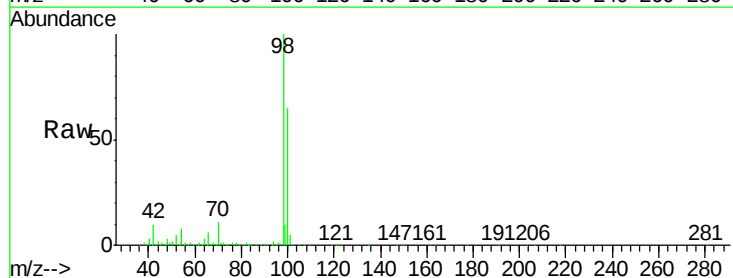
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

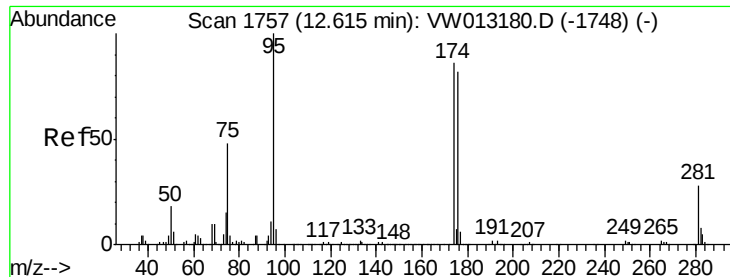
Tot Ion:113 Resp: 134973
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.9 122.9
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 51.046 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

Tgt Ion: 98 Resp: 561777
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 49.042 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampled :

SB-12

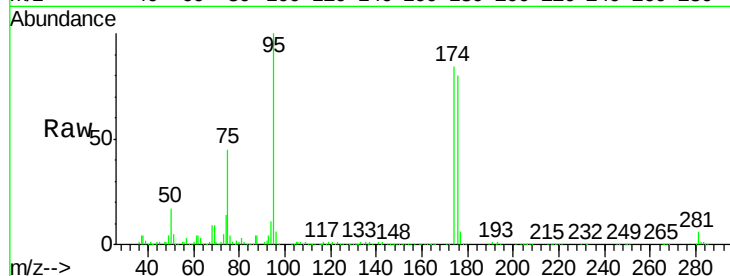
Tot Ion: 95 Resp: 184363

Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.4

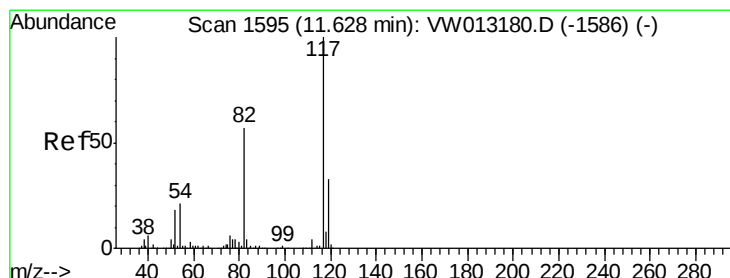
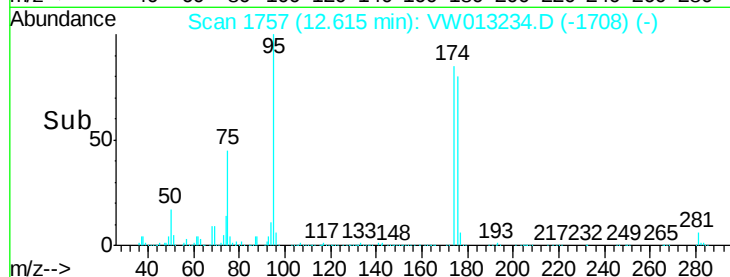
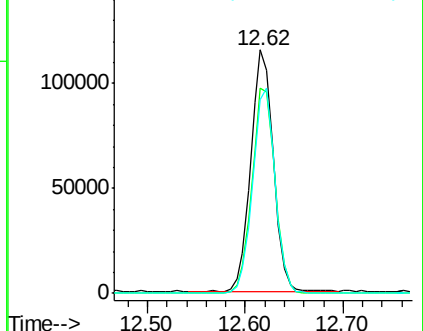
176 84.4 0.0 172.2



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. 0.00 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

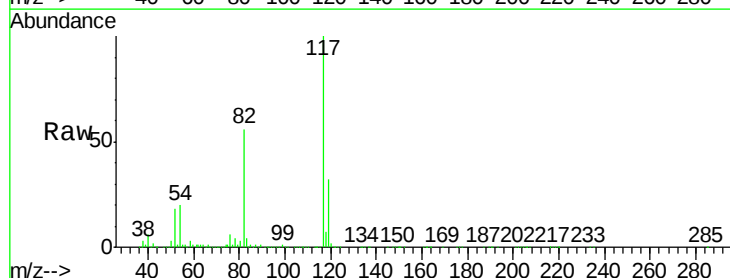
Tgt Ion: 117 Resp: 408515

Ion Ratio Lower Upper

117 100

82 55.6 45.9 68.9

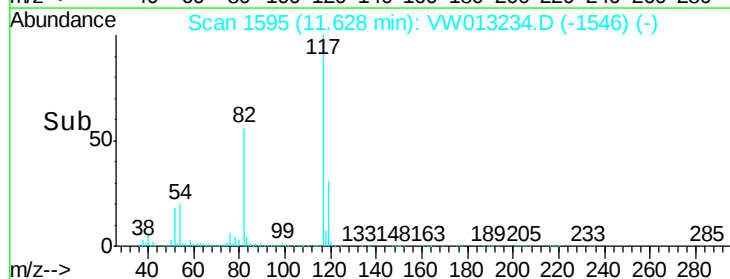
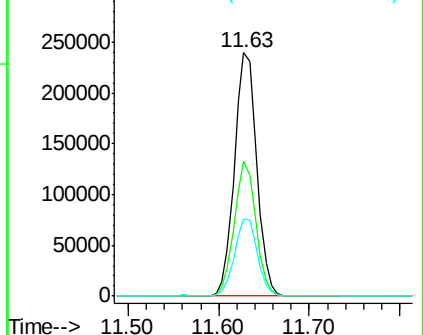
119 31.3 26.2 39.2

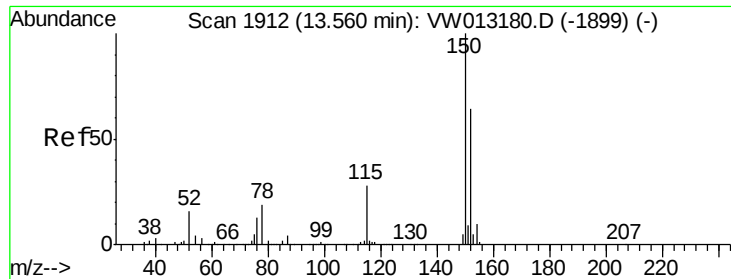


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

SB-12

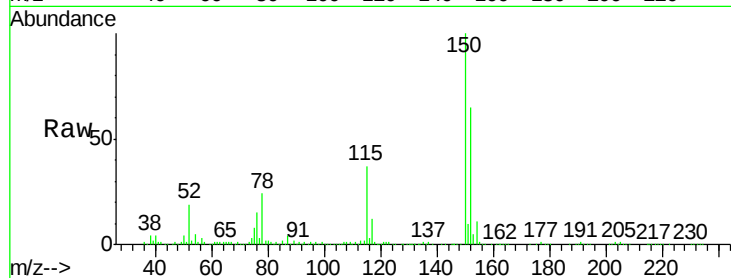
Tot Ion:152 Resp: 185563

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.9

150 155.4 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

