

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011746.D
 Acq On : 07 Aug 2019 13:05
 Operator : SY/VA
 Sample : K4165-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

Quant Time: Aug 08 08:49:09 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

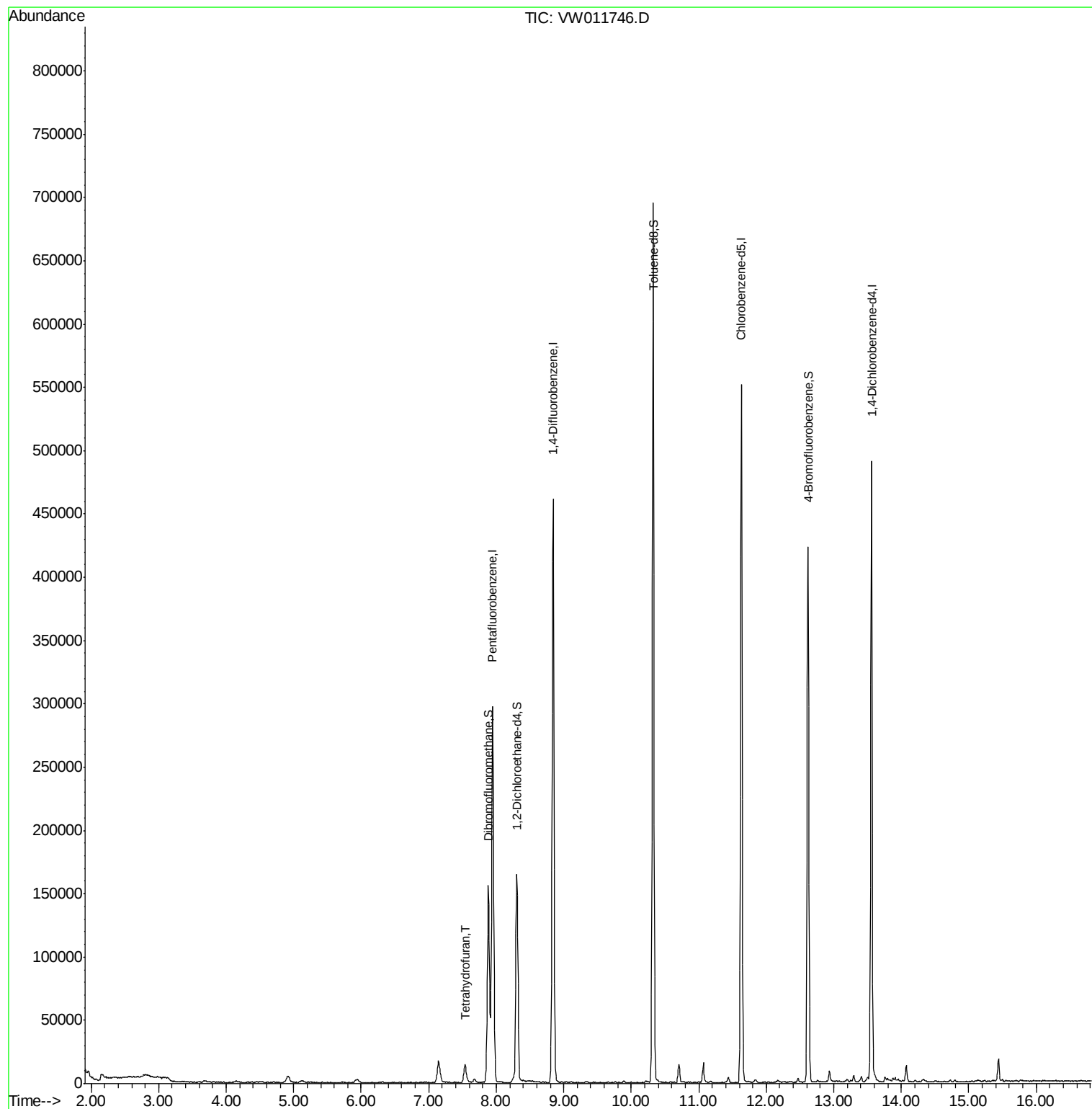
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131321	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	108346	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	10.32	98	433391	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.62	95	137952	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	12550	21.249	ug/l	Qvalue 98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080819\
Data File : VW011746.D
Acq On : 07 Aug 2019 13:05
Operator : SY/VA
Sample : K4165-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CP-MW2-N-12-16-SOIL

Quant Time: Aug 08 08:49:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011746.D

Acq: 07 Aug 2019 13:05

Instrument :

MSVOA_W

ClientSampleId :

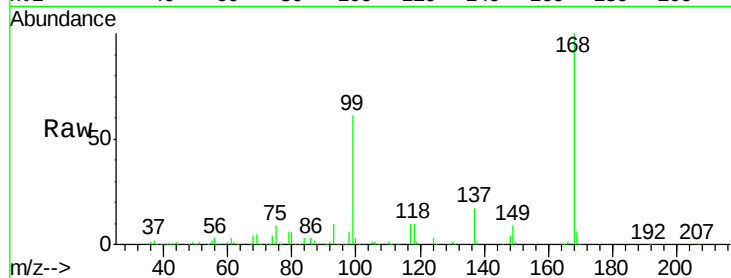
CP-MW2-N-12-16-SOIL

Tot Ion:168 Resp: 216175

Ion Ratio Lower Upper

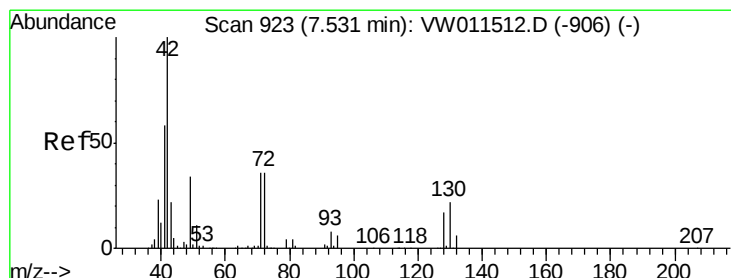
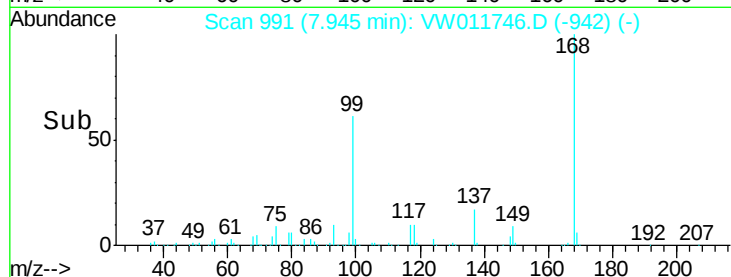
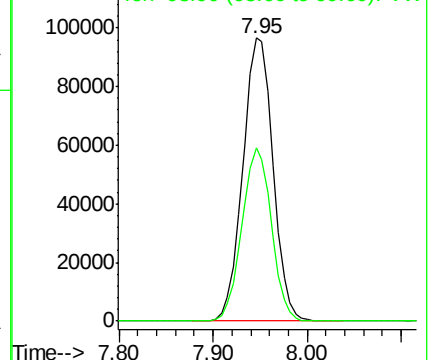
168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 21.249 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW011746.D

Acq: 07 Aug 2019 13:05

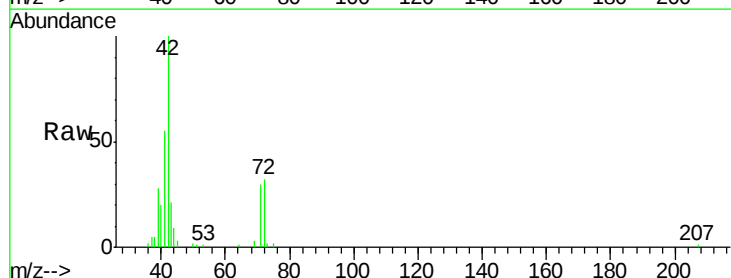
Tgt Ion: 42 Resp: 12550

Ion Ratio Lower Upper

42 100

72 35.5 27.1 40.7

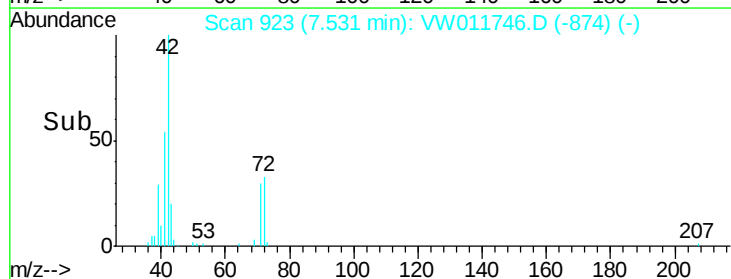
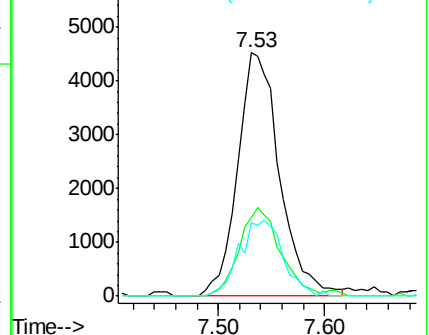
71 32.3 26.2 39.4

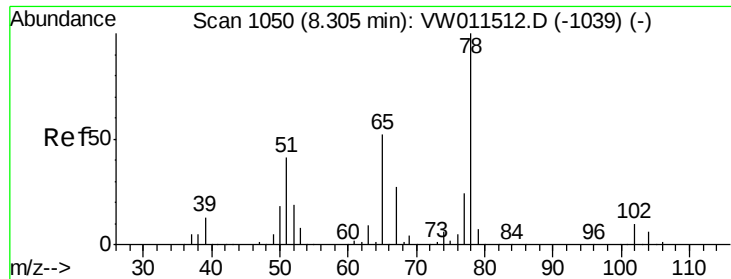


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

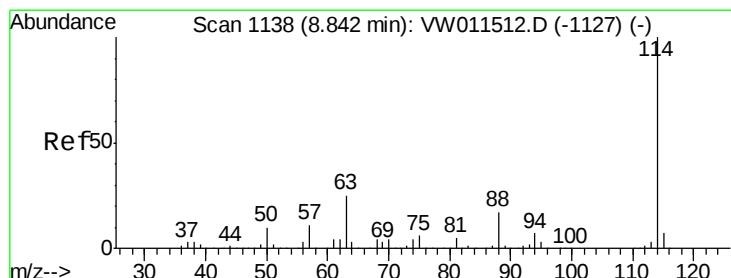
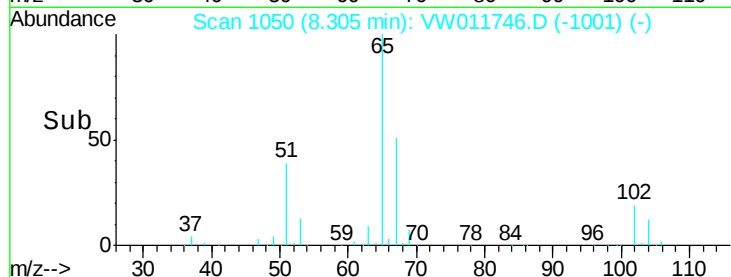
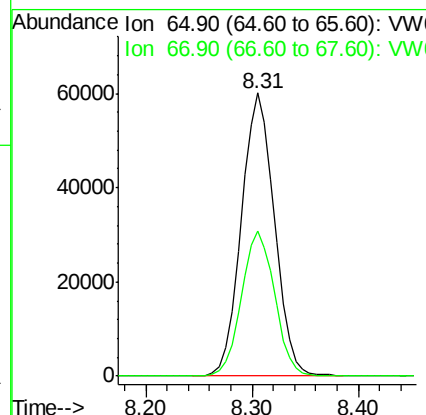
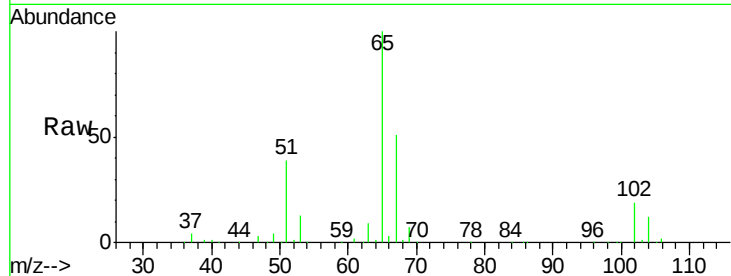




#33
 1,2-Dichloroethane-d4
 Concen: 52.903 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011746.D
 Acq: 07 Aug 2019 13:05

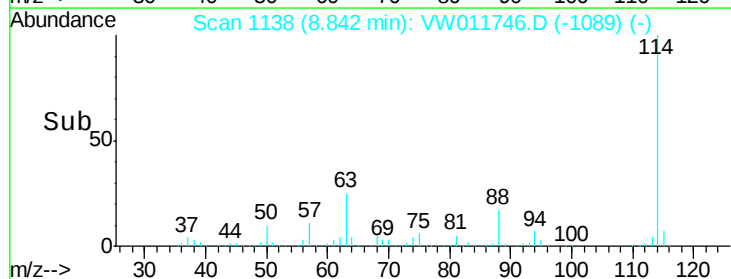
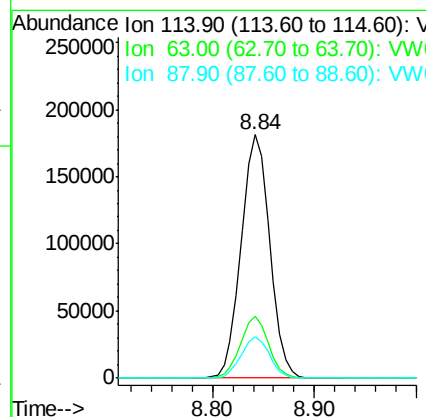
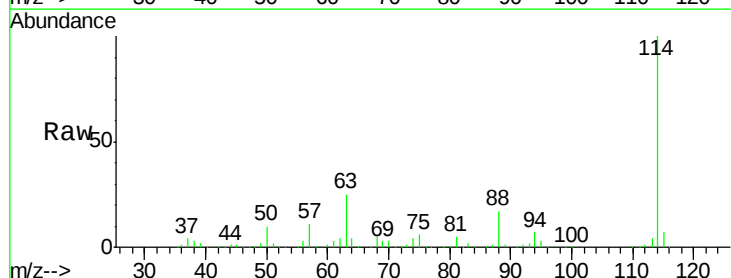
Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

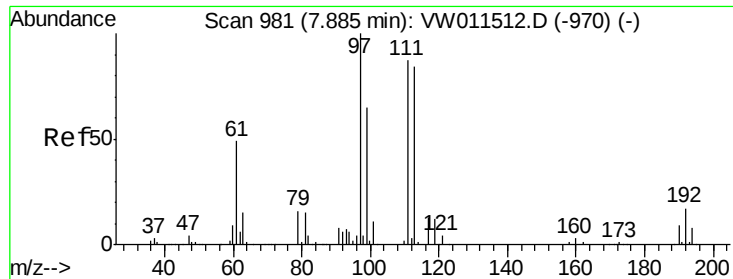
Tot Ion: 65 Resp: 131321
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011746.D
 Acq: 07 Aug 2019 13:05

Tgt Ion: 114 Resp: 352546
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.780 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011746.D

Acq: 07 Aug 2019 13:05

Instrument :

MSVOA_W

ClientSampleId :

CP-MW2-N-12-16-SOIL

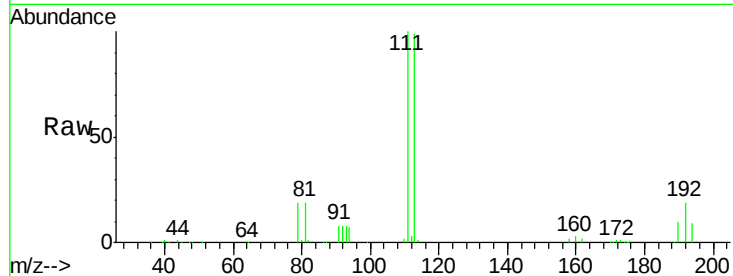
Tot Ion:113 Resp: 108346

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

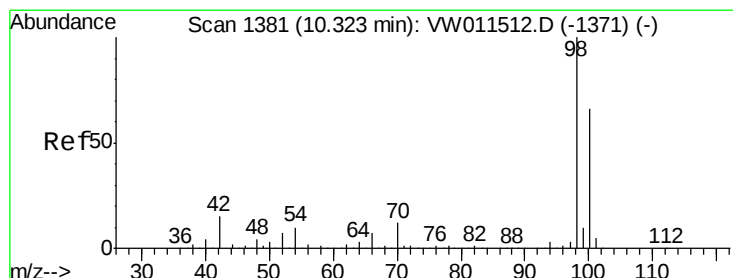
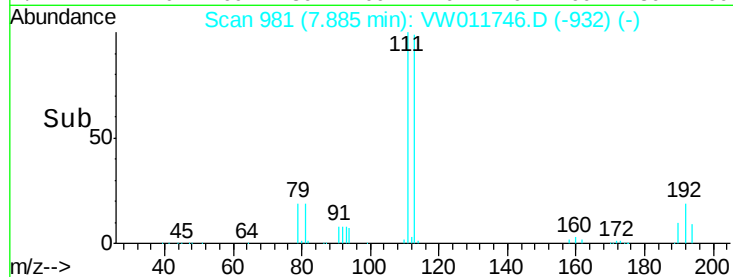
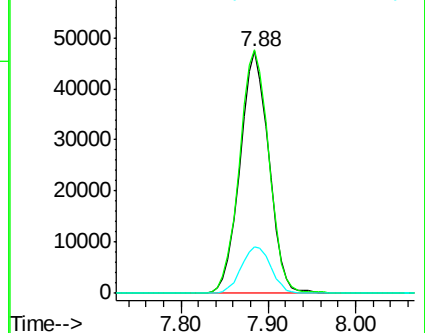
192 20.0 16.1 24.1



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: 53.519 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011746.D

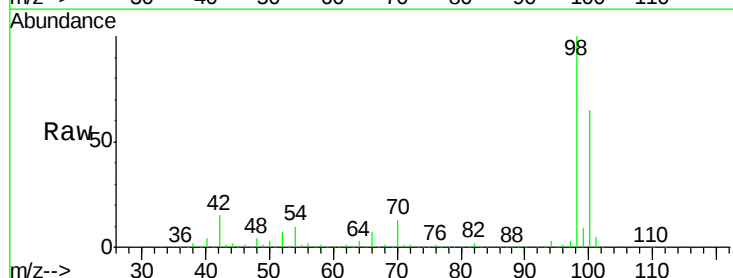
Acq: 07 Aug 2019 13:05

Tgt Ion: 98 Resp: 433391

Ion Ratio Lower Upper

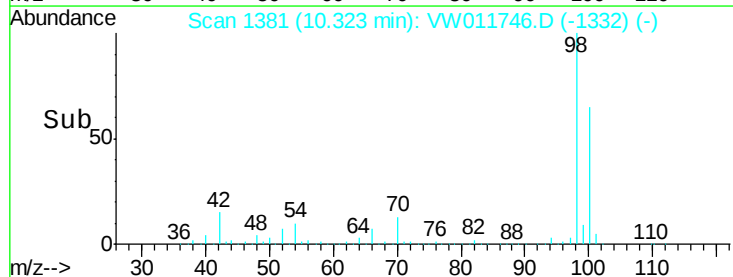
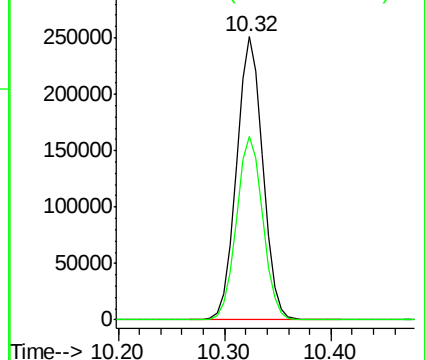
98 100

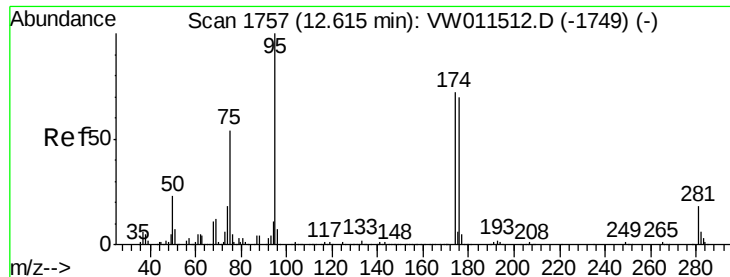
100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.783 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011746.D

Acq: 07 Aug 2019 13:05

Instrument :

MSVOA_W

ClientSampleId :

CP-MW2-N-12-16-SOIL

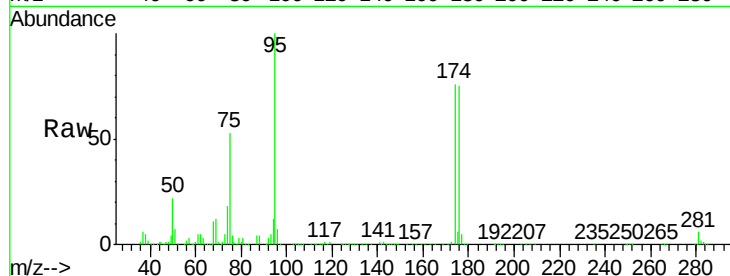
Tot Ion: 95 Resp: 137952

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

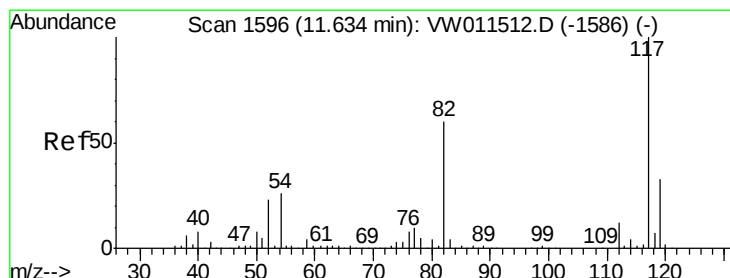
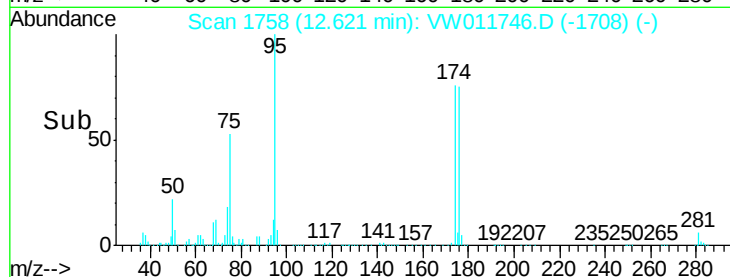
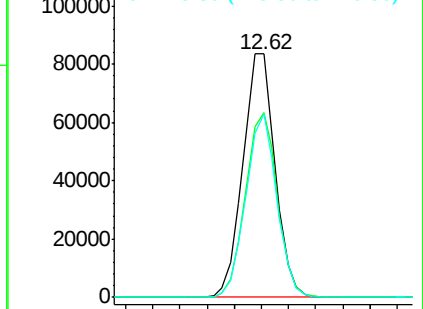
176 72.7 0.0 144.4



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: VW011746.D

Acq: 07 Aug 2019 13:05

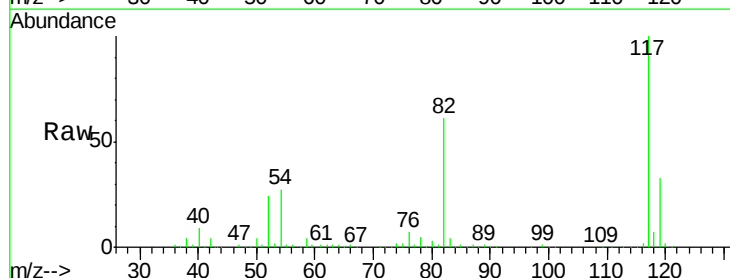
Tgt Ion: 117 Resp: 292734

Ion Ratio Lower Upper

117 100

82 61.1 47.9 71.9

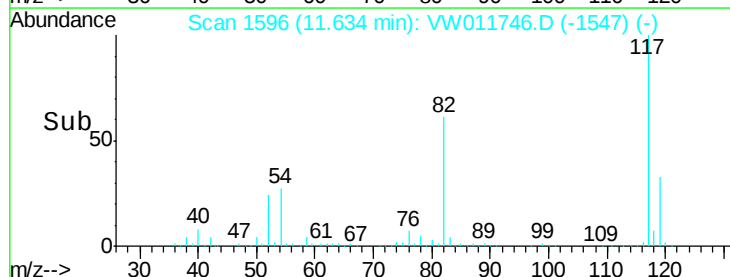
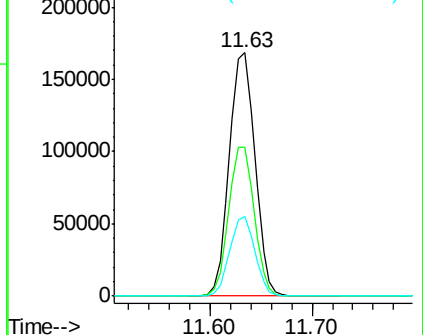
119 32.6 26.2 39.2

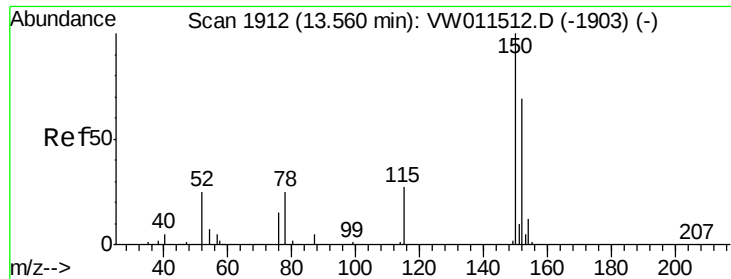


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011746.D
 Acq: 07 Aug 2019 13:05

Instrument :
 MSVOA_W
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	156.4	0.0	352.6

