

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015745.D
 Acq On : 26 Jun 2020 14:34
 Operator : SY/VA
 Sample : L3136-02
 Misc : 8.32G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-MW180-SOIL-572-574

Quant Time: Jun 27 02:18:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

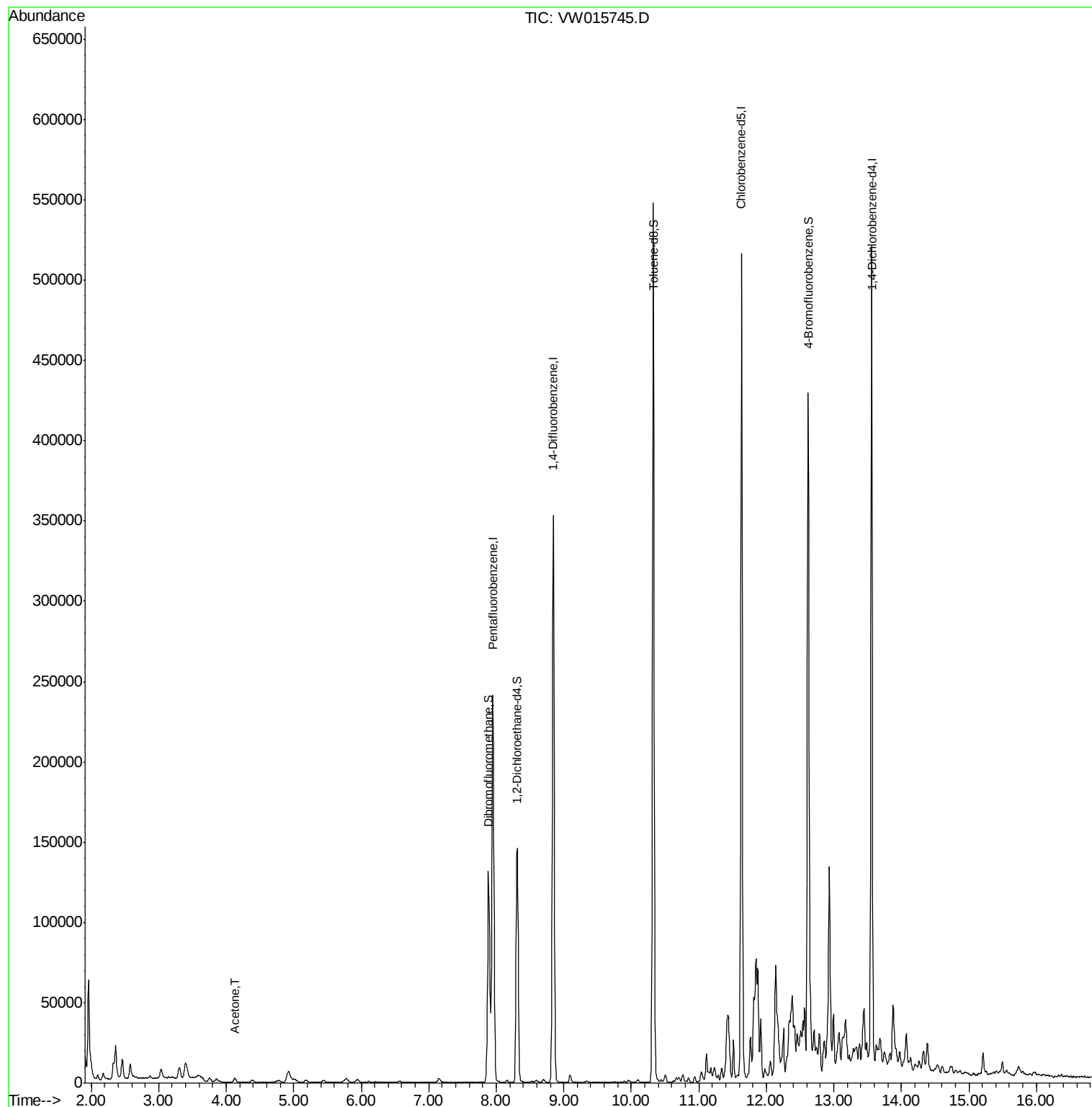
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117288	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
35) Dibromofluoromethane	7.89	113	92297	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.33	98	361489	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	131440	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
16) Acetone	4.13	43	4803	13.055	ug/l	Qvalue 100

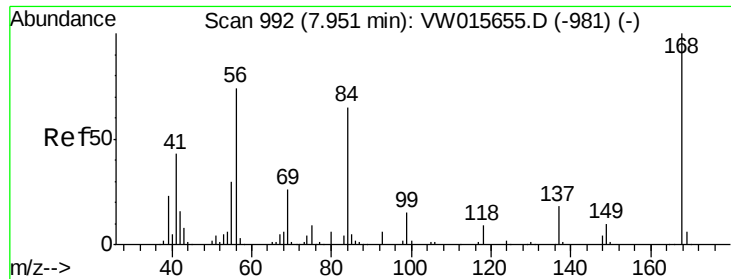
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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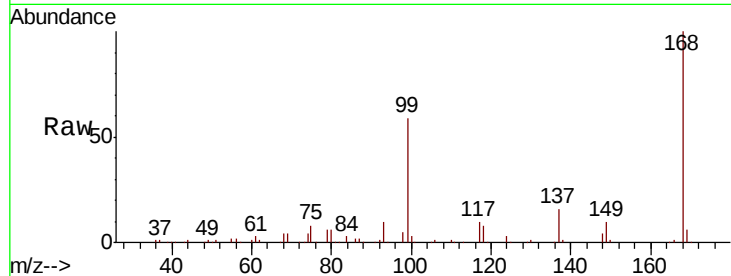
BP-MW180-SOIL-572-574

Tot Ion:168 Resp: 173933

Ion Ratio Lower Upper

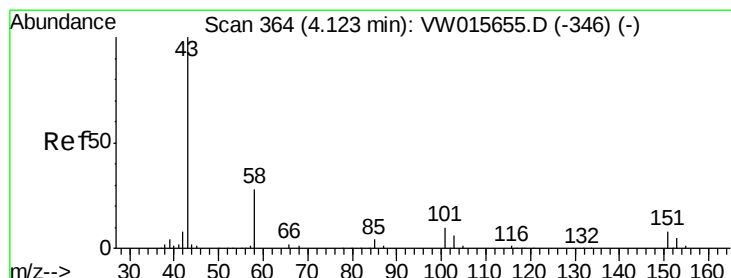
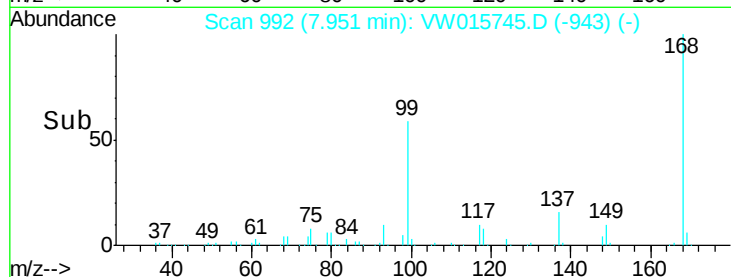
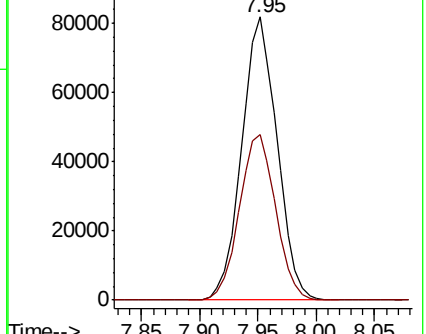
168 100

99 58.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.055 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015745.D

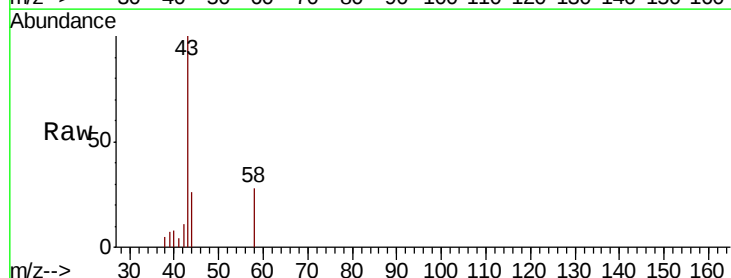
Acq: 26 Jun 2020 14:34

Tgt Ion: 43 Resp: 4803

Ion Ratio Lower Upper

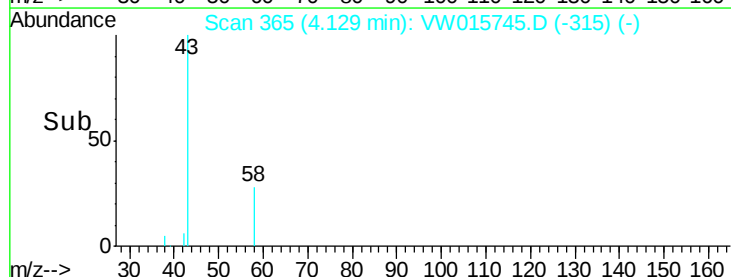
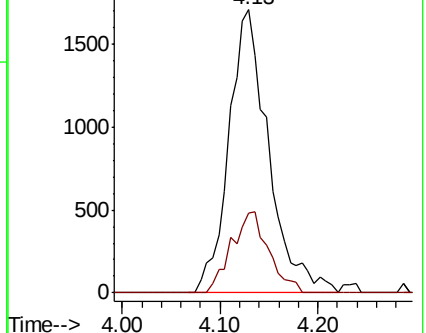
43 100

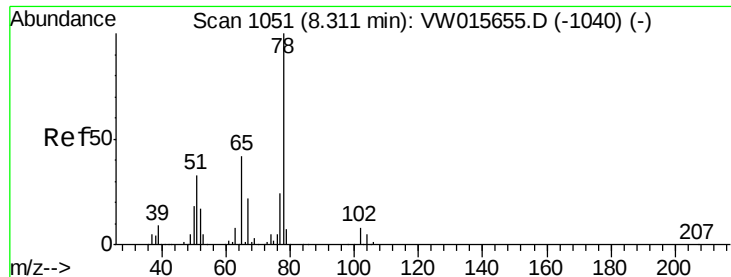
58 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 60.606 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015745.D

Acq: 26 Jun 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

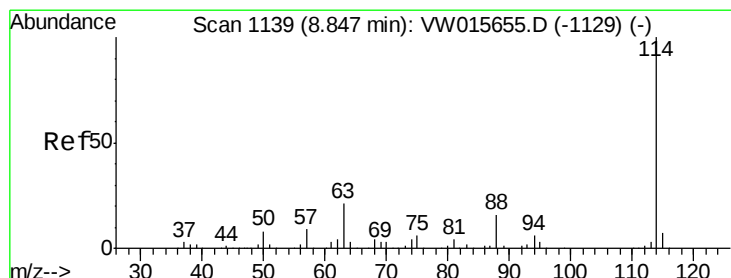
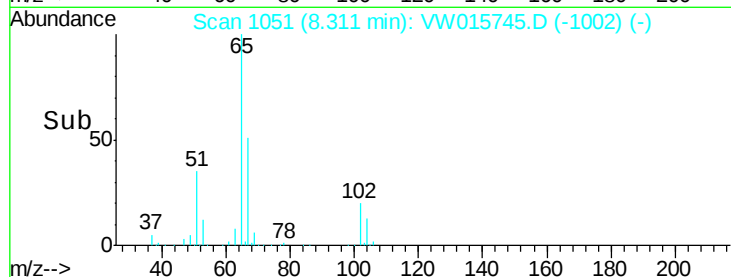
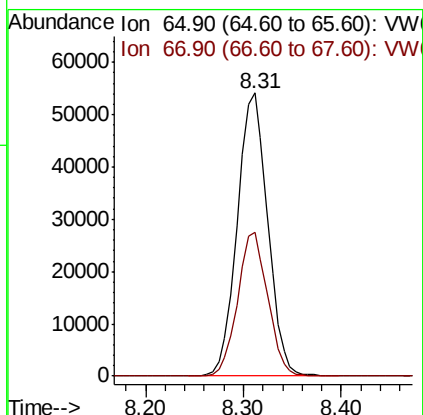
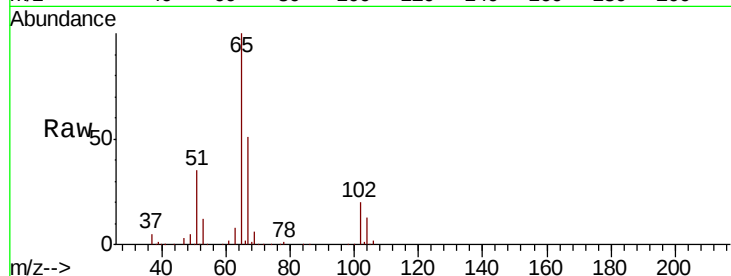
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Tot Ion: 65 Resp: 117288

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015745.D

Acq: 26 Jun 2020 14:34

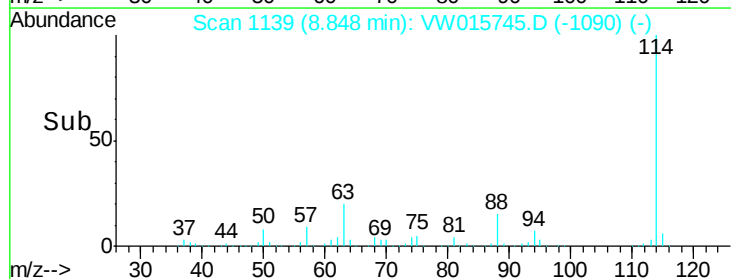
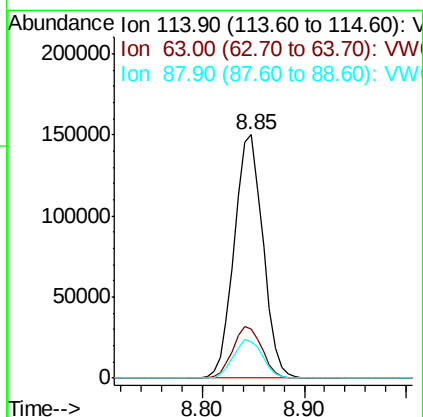
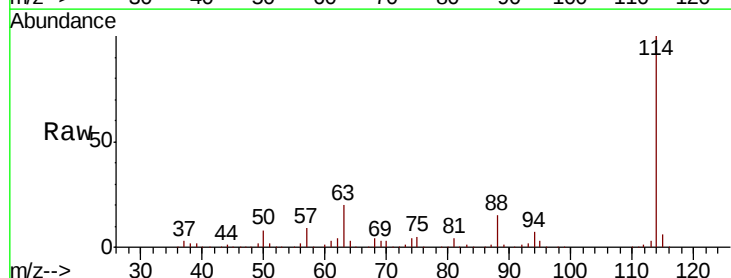
Tgt Ion: 114 Resp: 292180

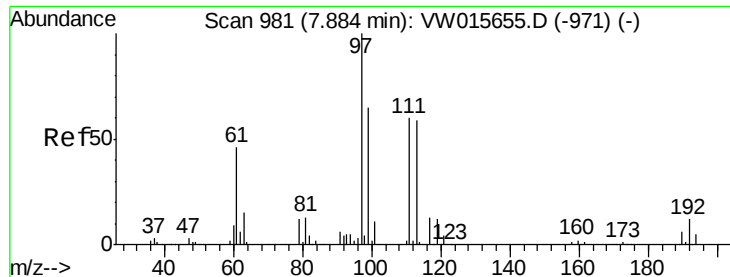
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.8 0.0 32.6

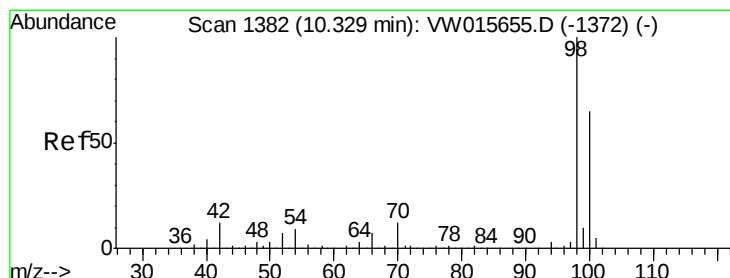
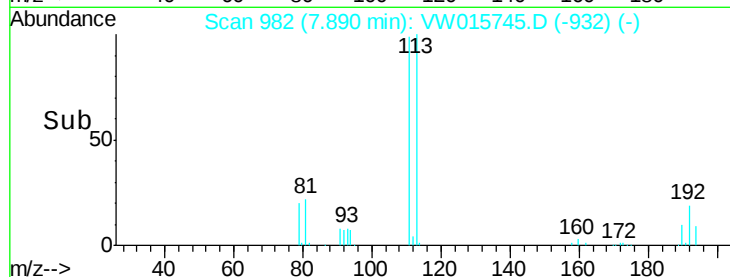
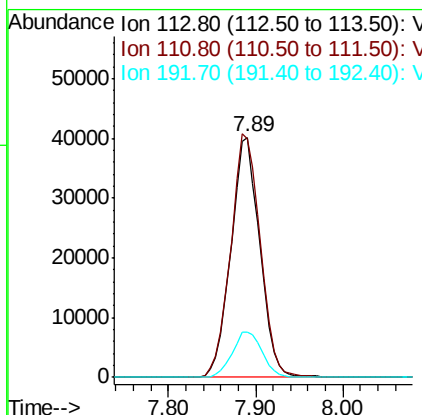
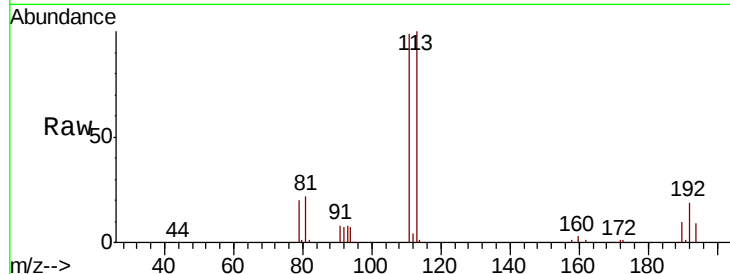




#35
Dibromofluoromethane
Concen: 50.219 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015745.D
Acq: 26 Jun 2020 14:34

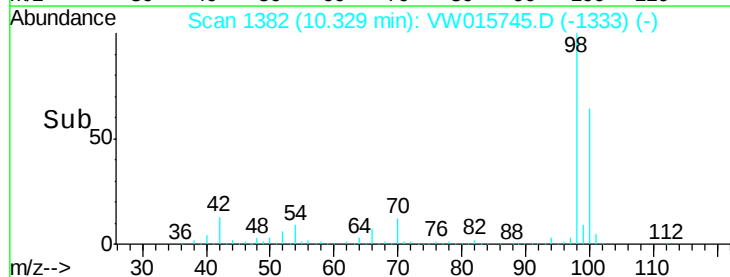
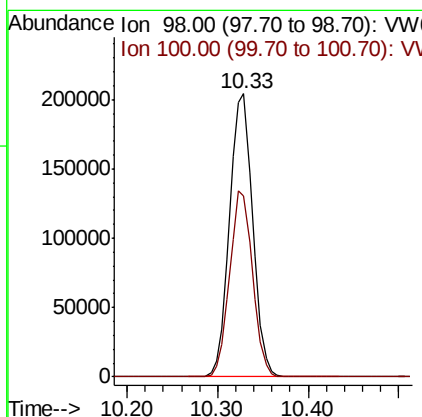
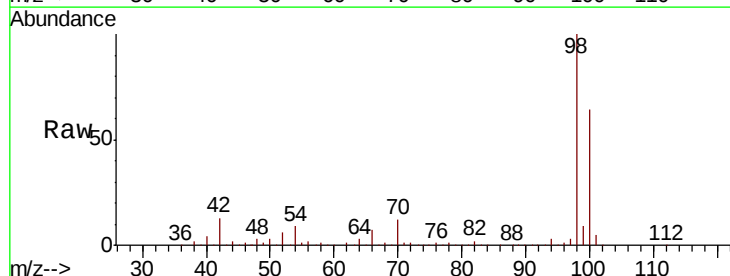
Instrument :
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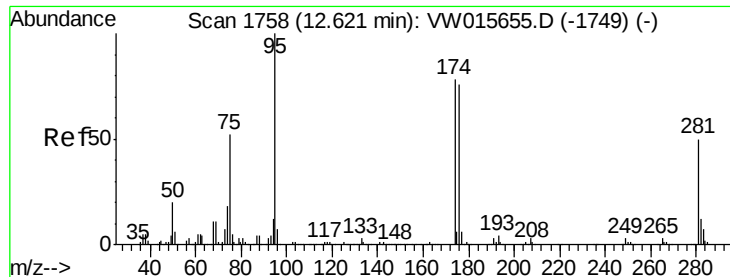
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.3	123.5
192	19.7	16.4	24.6



#50
Toluene-d8
Concen: 49.979 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW015745.D
Acq: 26 Jun 2020 14:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2

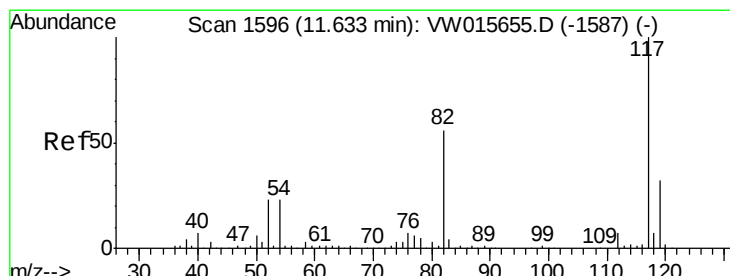
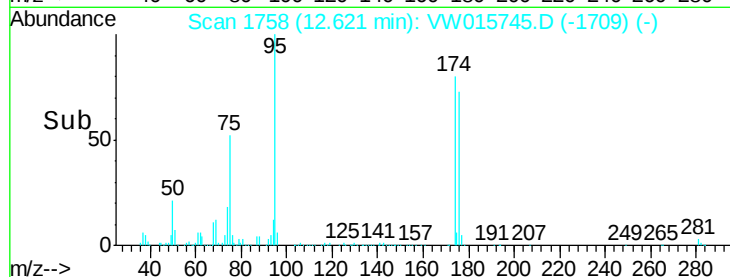
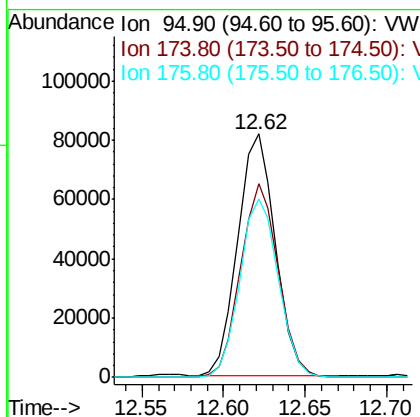
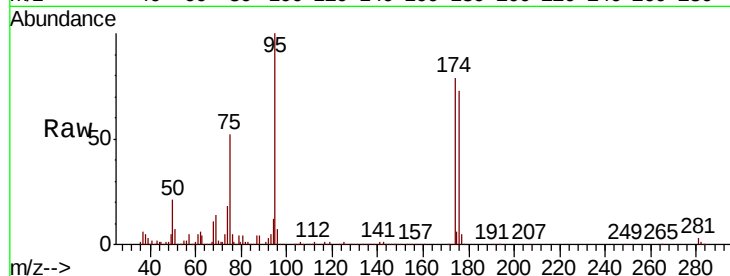




#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015745.D
Acq: 26 Jun 2020 14:34

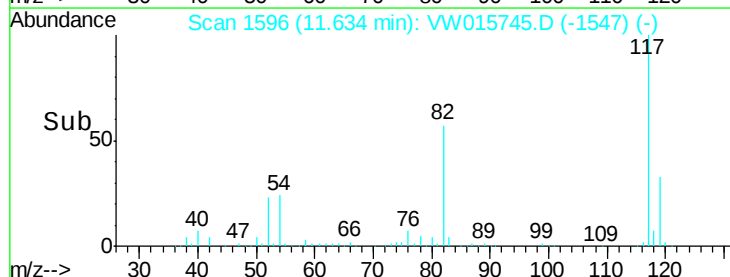
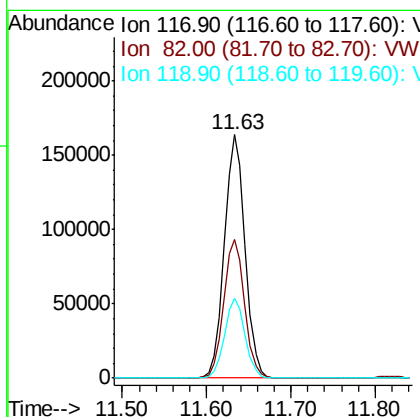
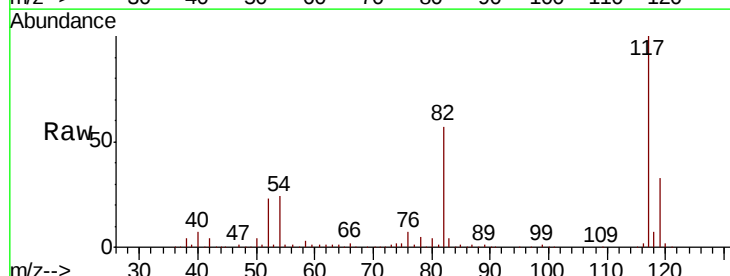
Instrument :
MSVOA_W
ClientSampleId :
BP-MW180-SOIL-572-574

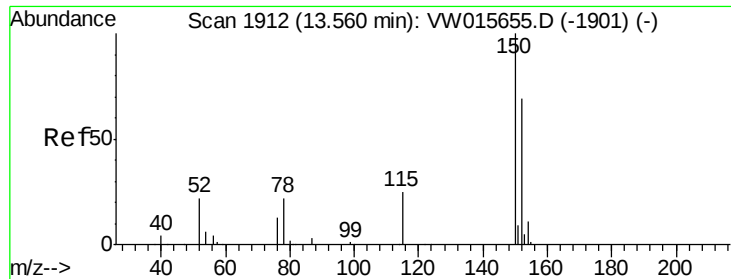
Tot Ion: 95 Resp: 131440
Ion Ratio Lower Upper
95 100
174 80.3 0.0 157.0
176 75.3 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015745.D
Acq: 26 Jun 2020 14:34

Tgt Ion: 117 Resp: 275338
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 32.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015745.D

Acq: 26 Jun 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

BP-MW180-SOIL-572-574

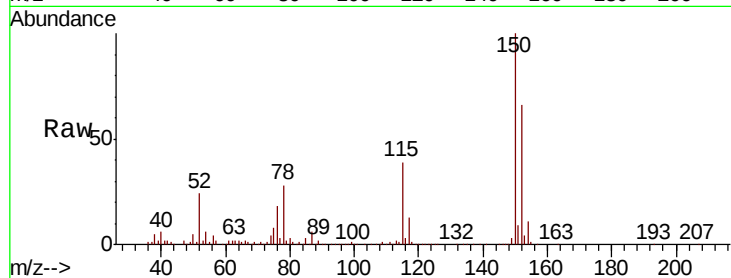
Tot Ion:152 Resp: 127051

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.5

150 149.8 0.0 345.6



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

