

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015748.D
 Acq On : 26 Jun 2020 15:53
 Operator : SY/VA
 Sample : L3136-02RE
 Misc : 8.61G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 27 02:27:17 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

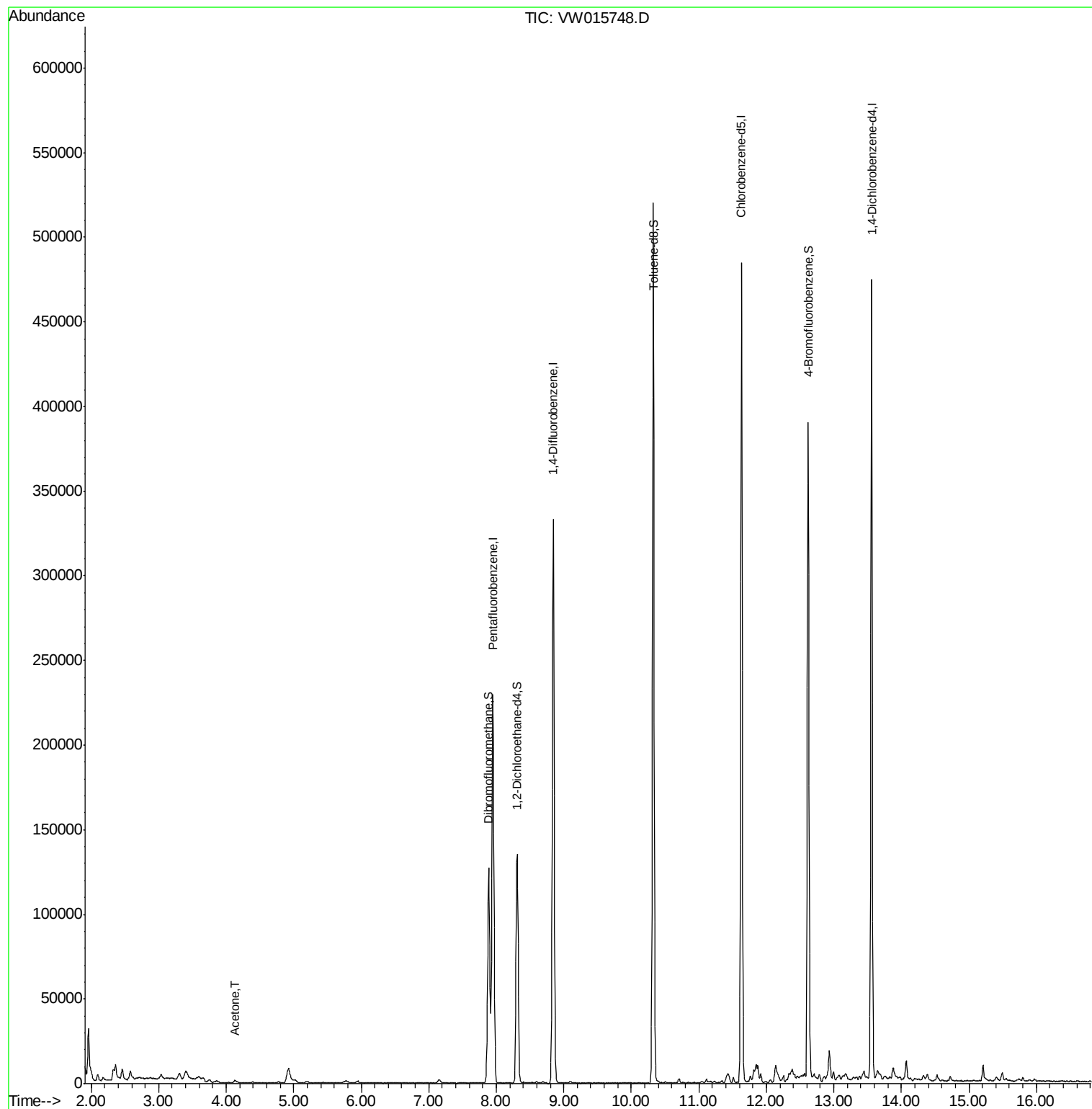
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110226	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
35) Dibromofluoromethane	7.89	113	88456	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.32	98	343207	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	122947	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
16) Acetone	4.13	43	3107	8.782	ug/l #	Qvalue 87

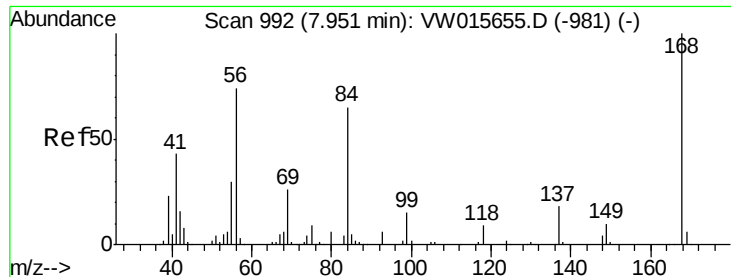
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_W

ClientSampleId :

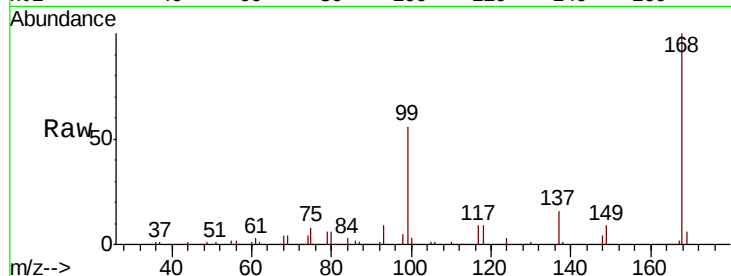
BP-MW180-SOIL-572-574RE

Tot Ion:168 Resp: 167265

Ion Ratio Lower Upper

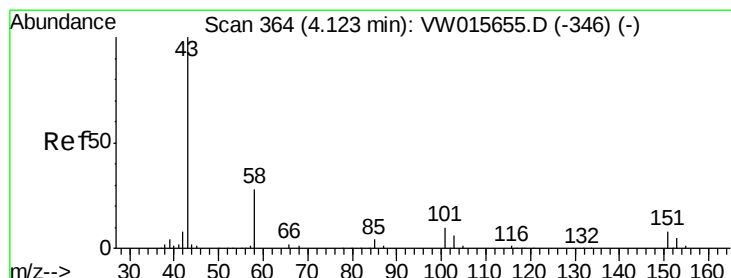
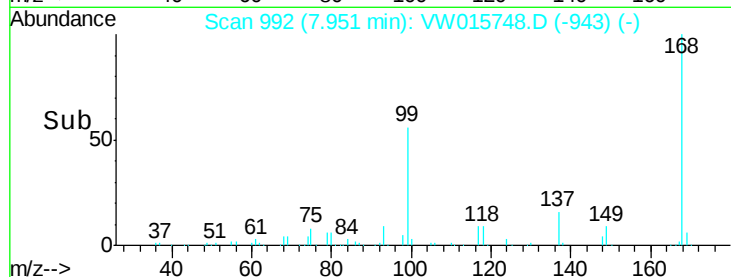
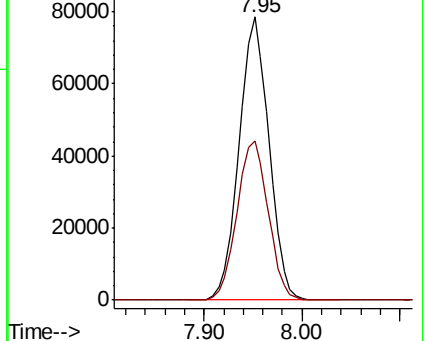
168 100

99 56.5 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: 8.782 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015748.D

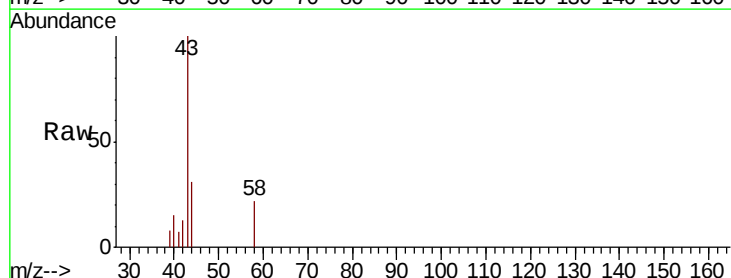
Acq: 26 Jun 2020 15:53

Tgt Ion: 43 Resp: 3107

Ion Ratio Lower Upper

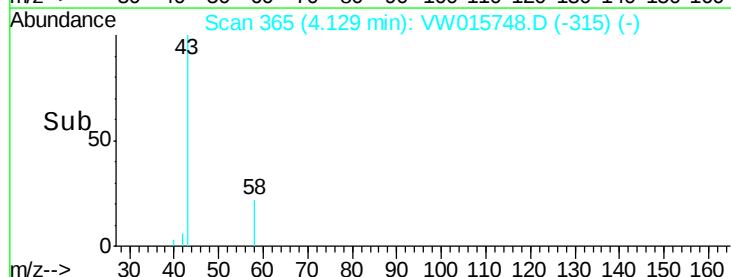
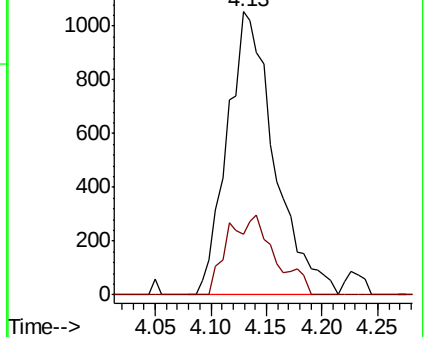
43 100

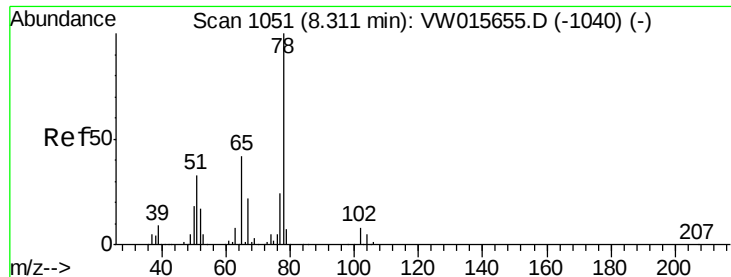
58 21.6 22.6 33.8#



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: 59.228 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015748.D

Acq: 26 Jun 2020 15:53

Instrument :

MSVOA_W

ClientSampleId :

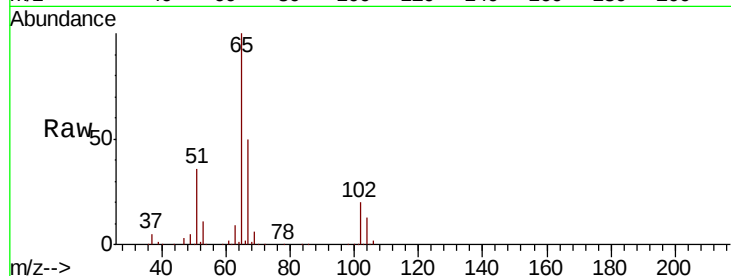
BP-MW180-SOIL-572-574RE

Tot Ion: 65 Resp: 110226

Ion Ratio Lower Upper

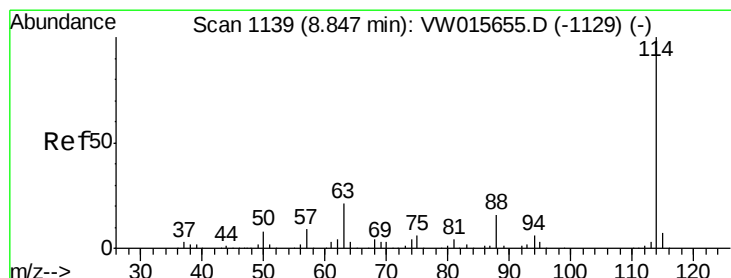
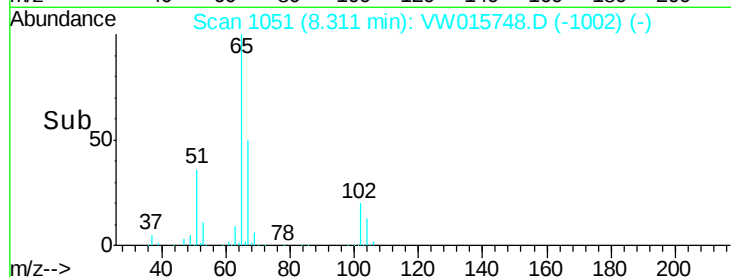
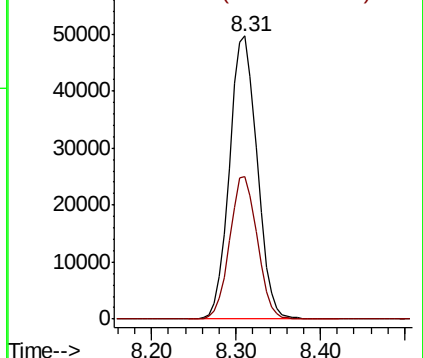
65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015748.D

Acq: 26 Jun 2020 15:53

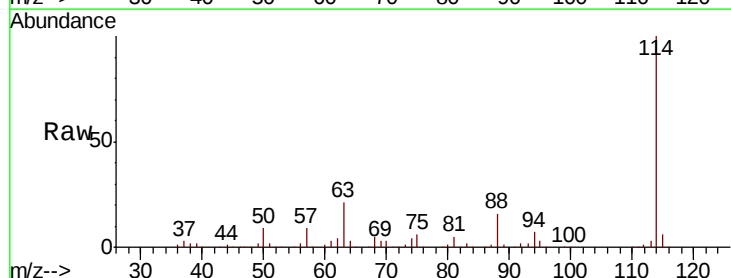
Tgt Ion: 114 Resp: 279204

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

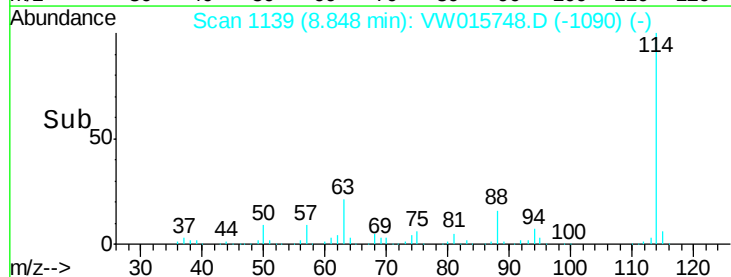
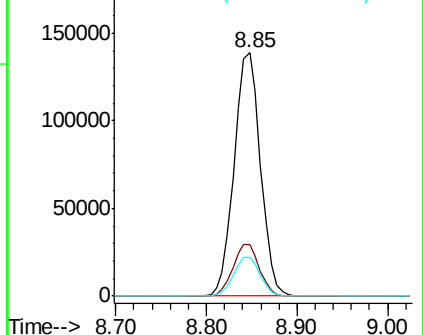
88 16.0 0.0 32.6

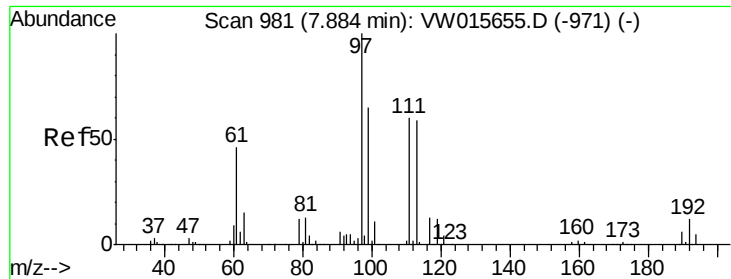


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

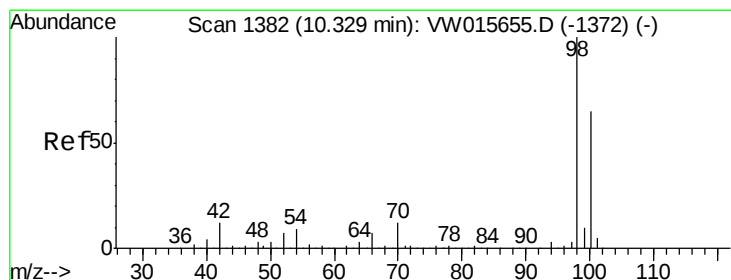
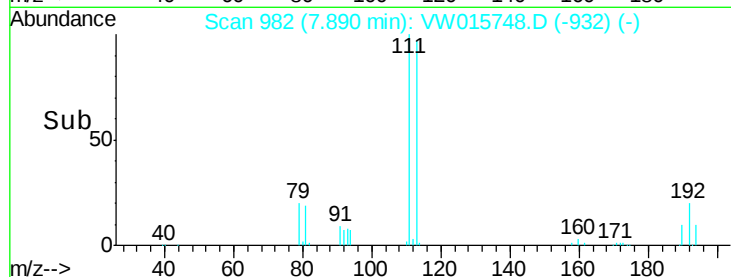
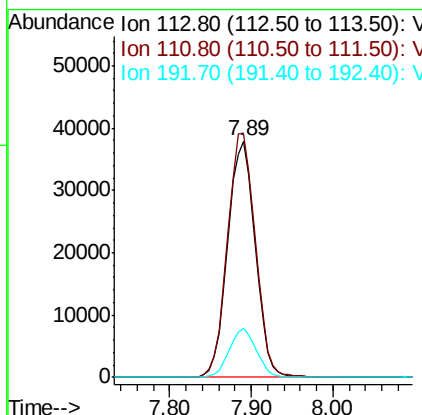
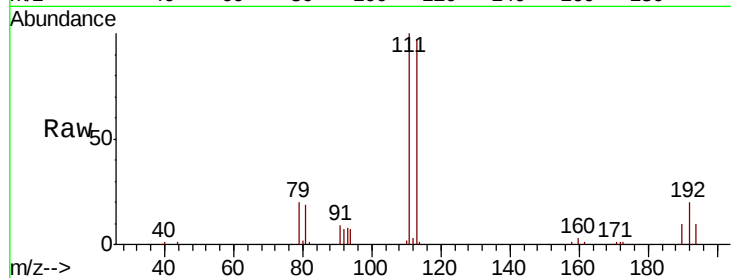




#35
Dibromofluoromethane
Concen: 50.366 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015748.D
Acq: 26 Jun 2020 15:53

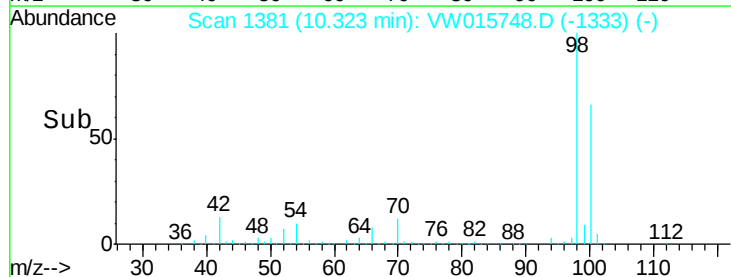
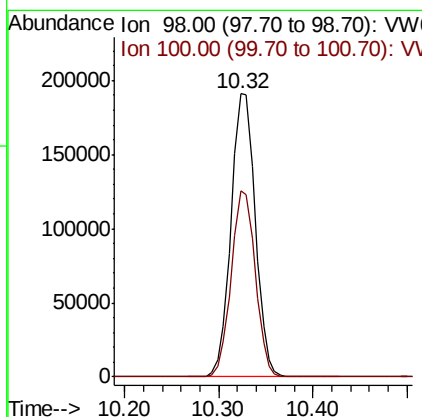
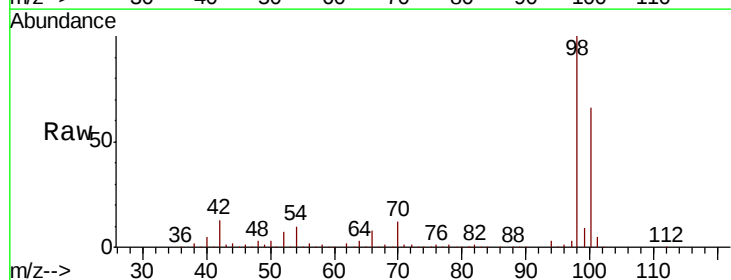
Instrument :
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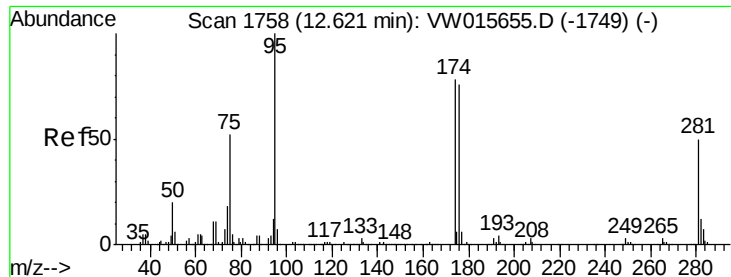
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.3	123.5
192	20.0	16.4	24.6



#50
Toluene-d8
Concen: 49.656 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015748.D
Acq: 26 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.8	79.2

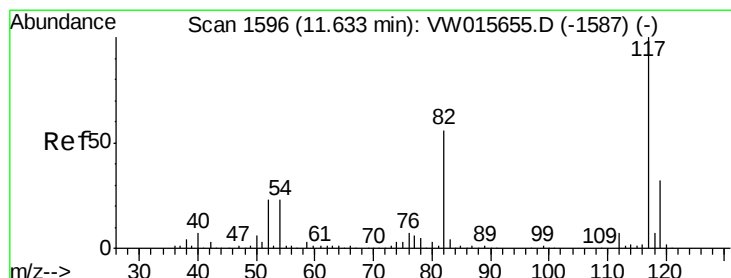
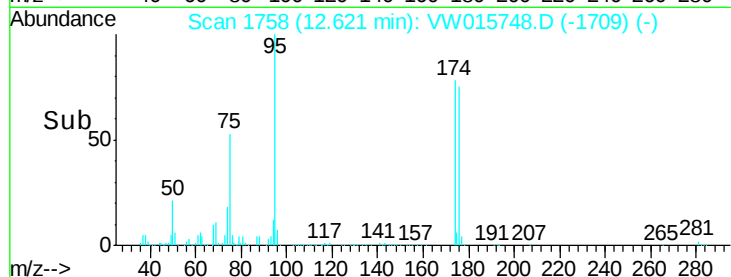
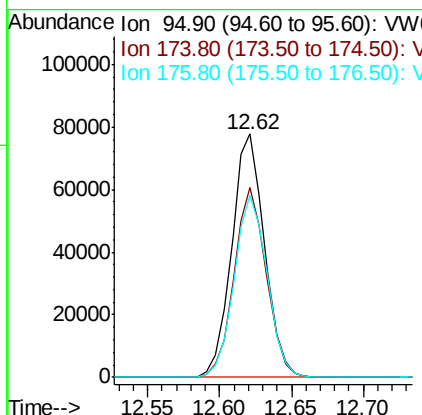
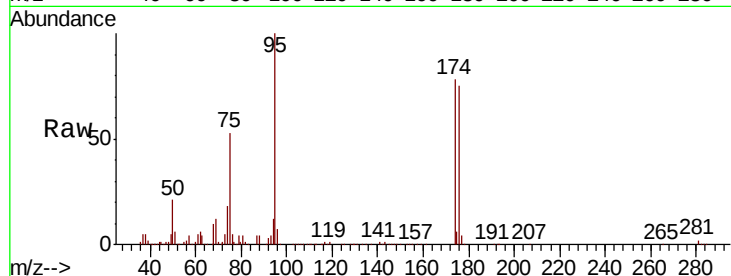




#62
4-Bromofluorobenzene
Concen: 48.302 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015748.D
Acq: 26 Jun 2020 15:53

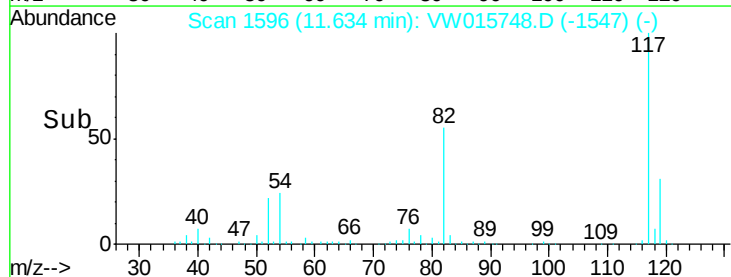
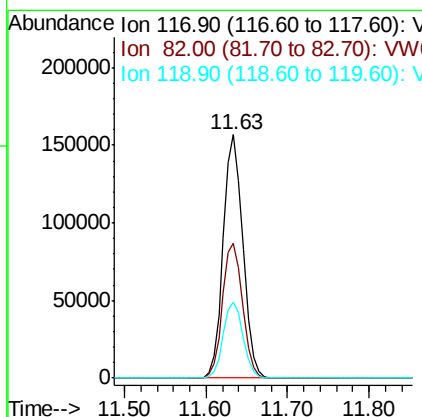
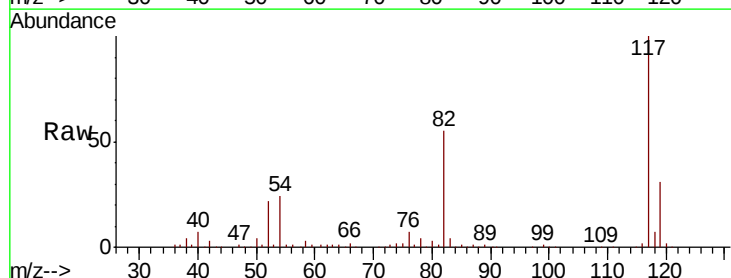
Instrument :
MSVOA_W
ClientSampleId :
BP-MW180-SOIL-572-574RE

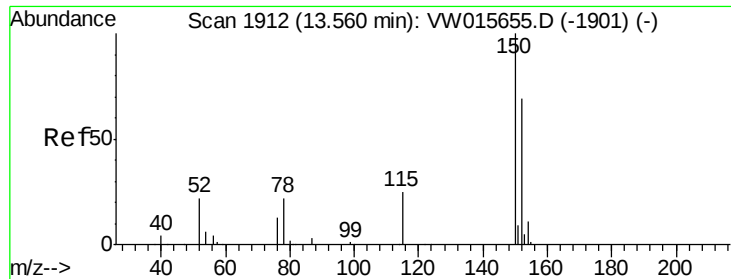
Tot Ion	95	Resp	122947
Ion Ratio	Lower	Upper	
95	100		
174	76.9	0.0	157.0
176	75.4	0.0	151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015748.D
Acq: 26 Jun 2020 15:53

Tgt Ion	117	Resp	260837
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.1	67.7
119	31.0	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: VW015748.D

Acq: 26 Jun 2020 15:53

Instrument :

MSVOA_W

ClientSampleId :

BP-MW180-SOIL-572-574RE

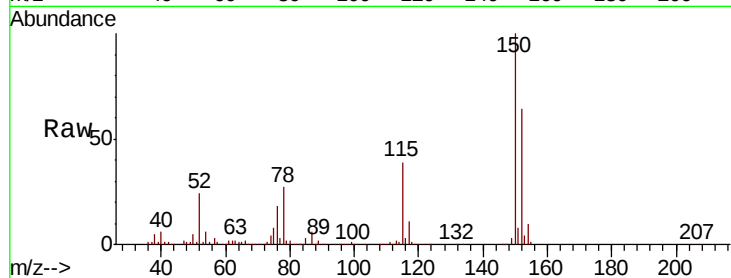
Tot Ion:152 Resp: 119171

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

150 158.4 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

