

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010057.D
 Acq On : 18 Apr 2019 20:41
 Operator : SY/VA
 Sample : K2472-01
 Misc : 7.51G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Quant Time: Apr 19 02:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

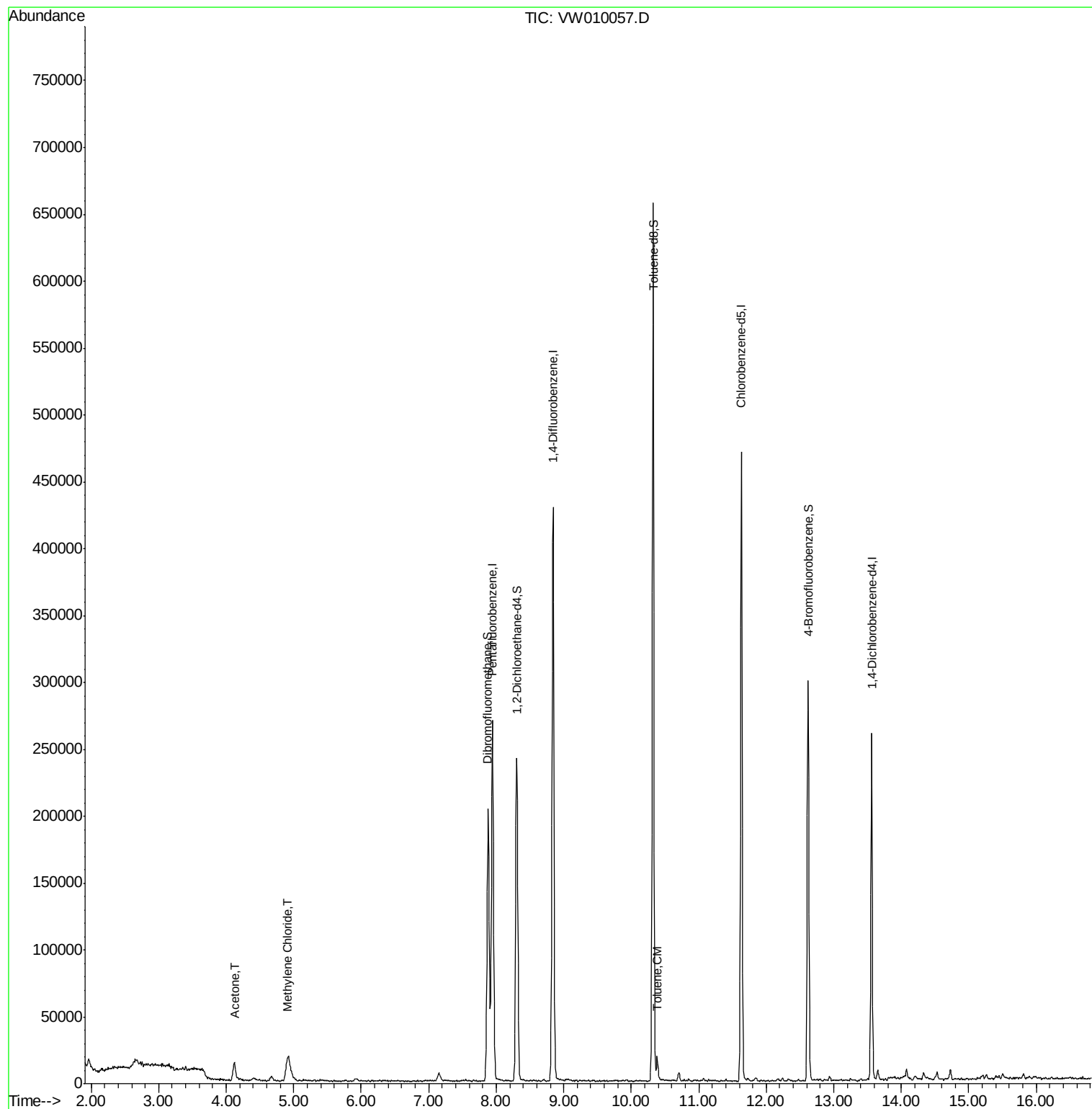
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191241	83.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.60%	
35) Dibromofluoromethane	7.88	113	142624	68.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.20%	
50) Toluene-d8	10.32	98	398930	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	88810	31.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.72%	
Target Compounds						
16) Acetone	4.13	43	23540	44.459	ug/l	98
20) Methylene Chloride	4.91	84	18355	5.046	ug/l	98
52) Toluene	10.38	92	5931	1.042	ug/l	98

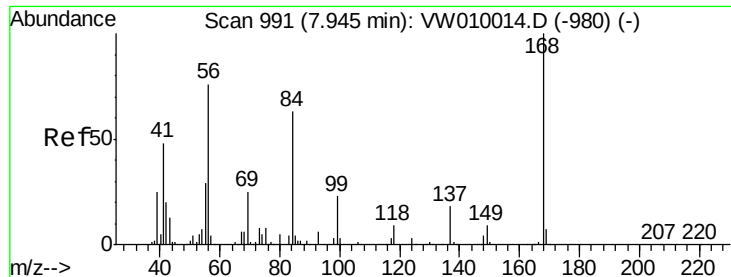
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW010057.D

Acq: 18 Apr 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

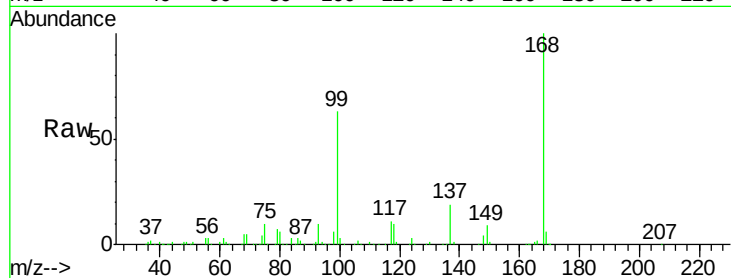
EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion:168 Resp: 184919

Ion Ratio Lower Upper

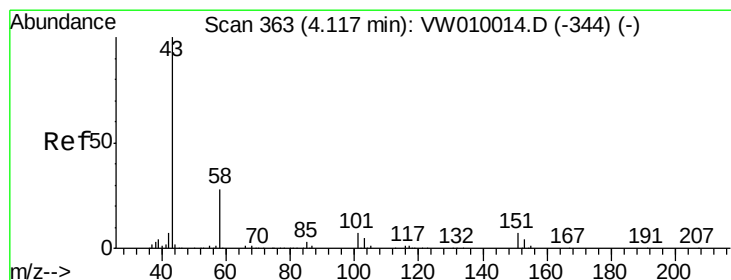
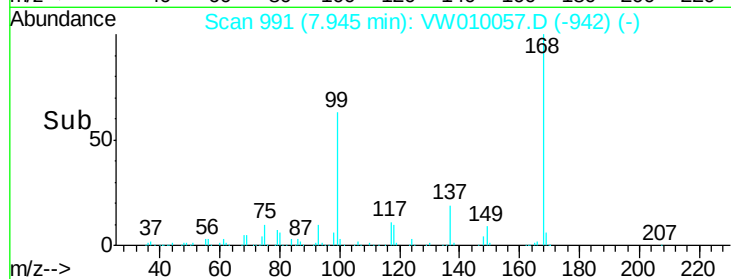
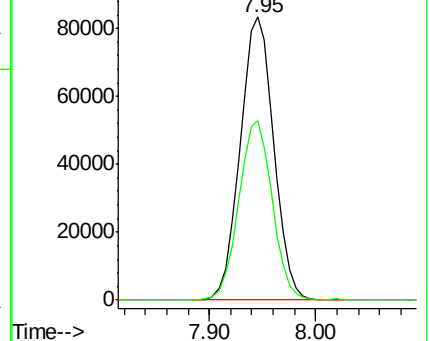
168 100

99 63.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 44.459 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010057.D

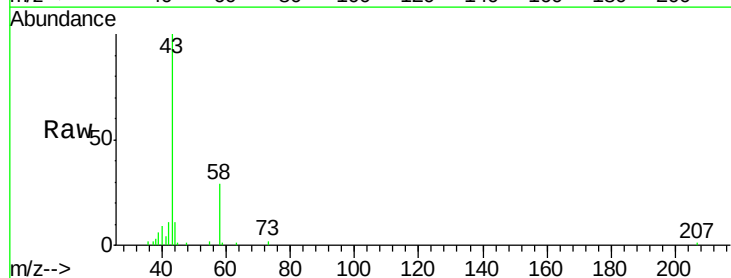
Acq: 18 Apr 2019 20:41

Tgt Ion: 43 Resp: 23540

Ion Ratio Lower Upper

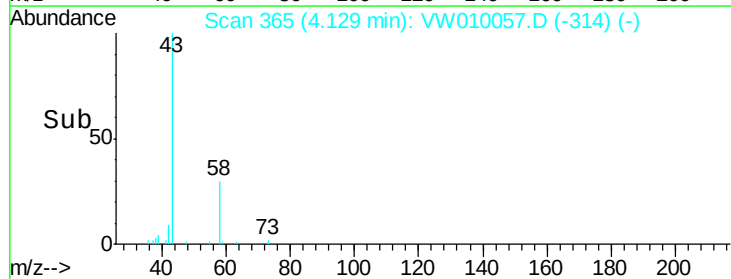
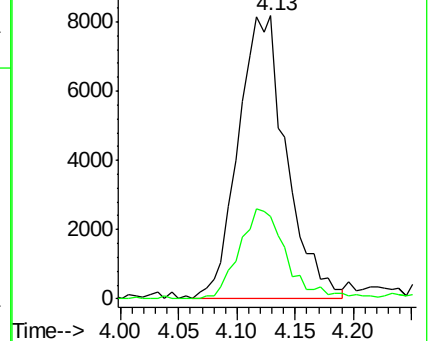
43 100

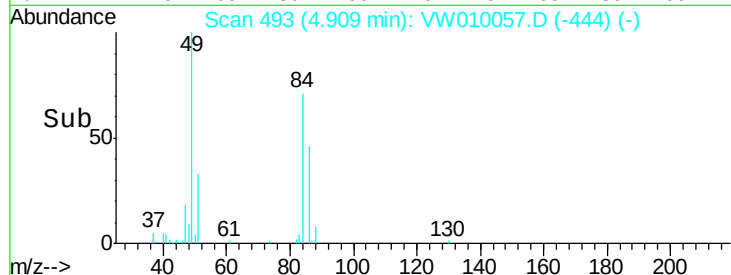
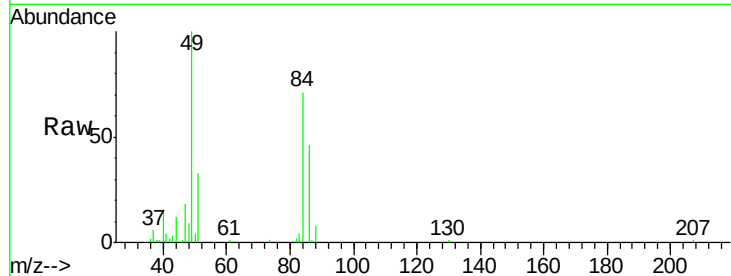
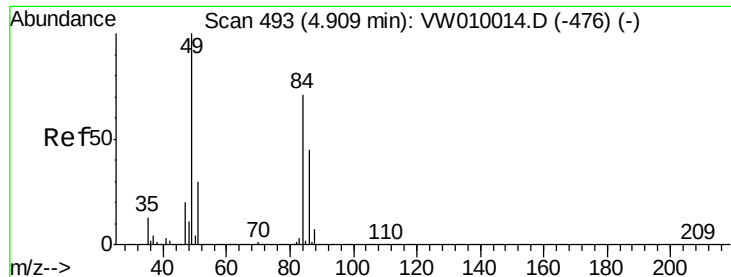
58 29.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

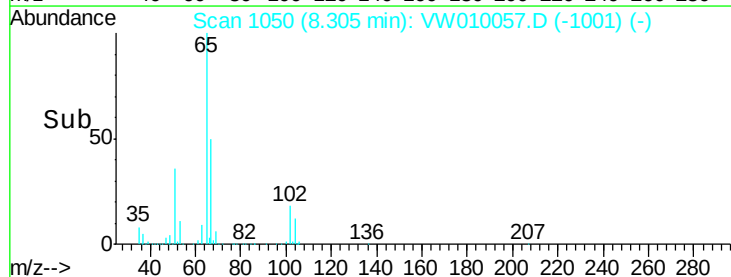
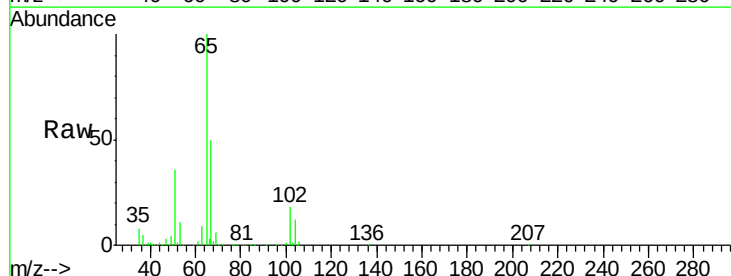
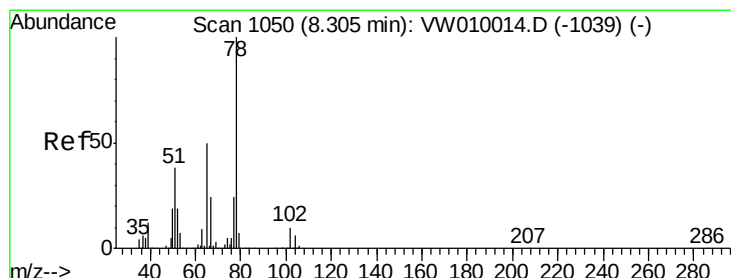
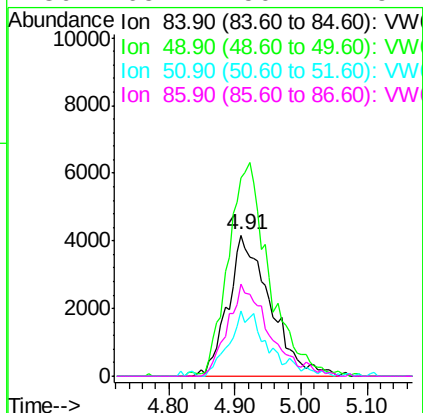




#20
Methylene Chloride
Concen: 5.046 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010057.D
Acq: 18 Apr 2019 20:41

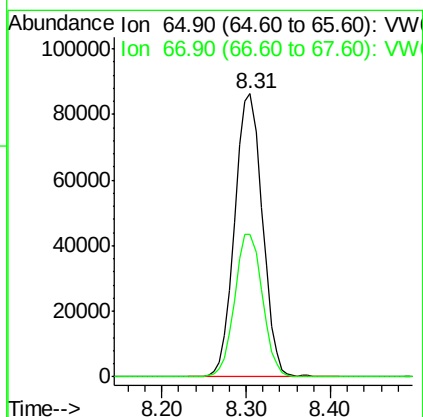
Instrument :
MSVOA_W
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

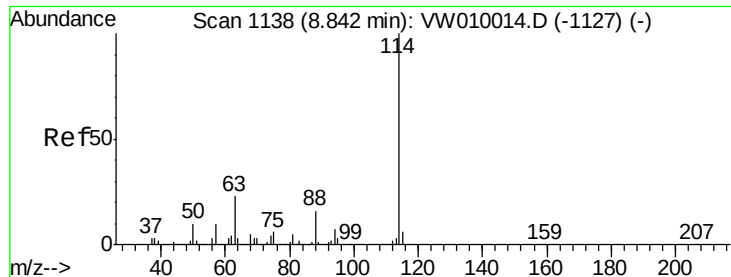
Tot Ion	84	Resp	18355
Ion Ratio	Lower	Upper	
84	100		
49	138.6	112.3	168.5
51	44.0	33.9	50.9
86	65.1	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 83.804 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010057.D
Acq: 18 Apr 2019 20:41

Tgt Ion	65	Resp	191241
Ion Ratio	Lower	Upper	
65	100		
67	50.7	0.0	100.8

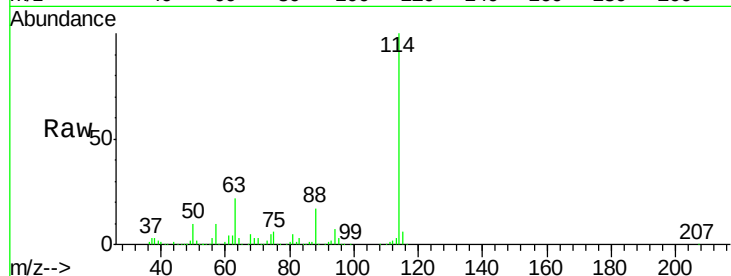




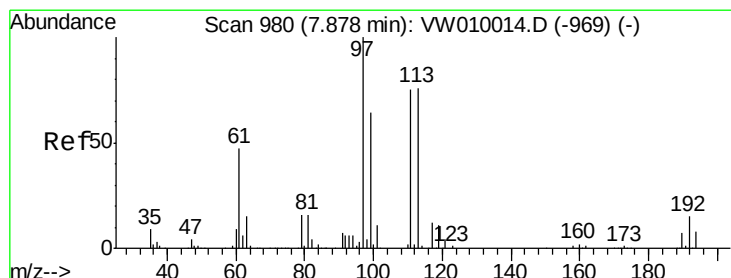
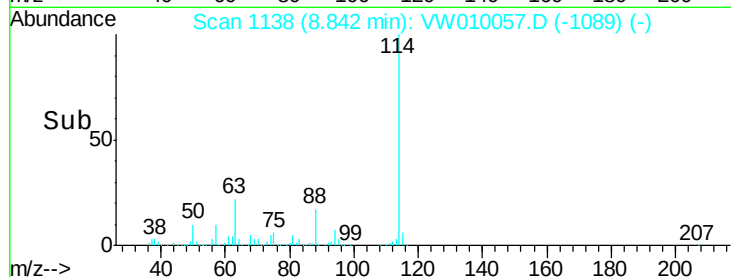
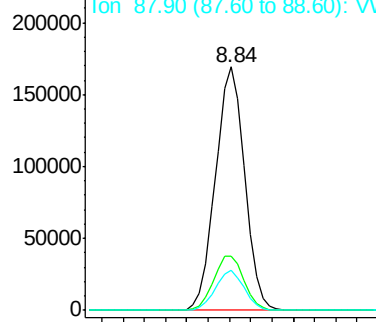
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010057.D
 Acq: 18 Apr 2019 20:41

Instrument :
 MSVOA_W
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.7	0.0	32.6

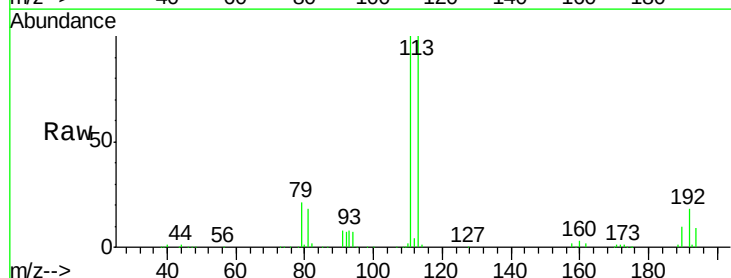


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

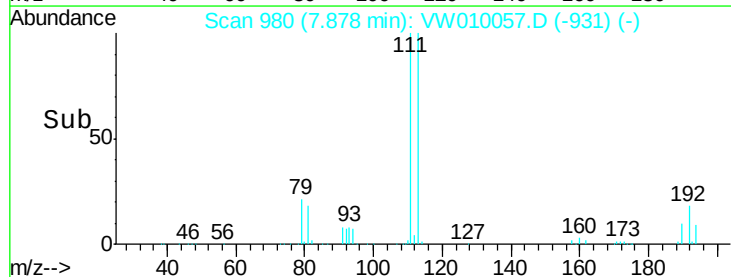
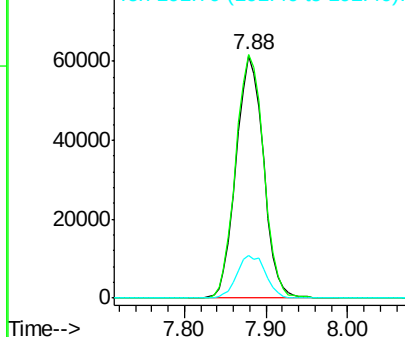


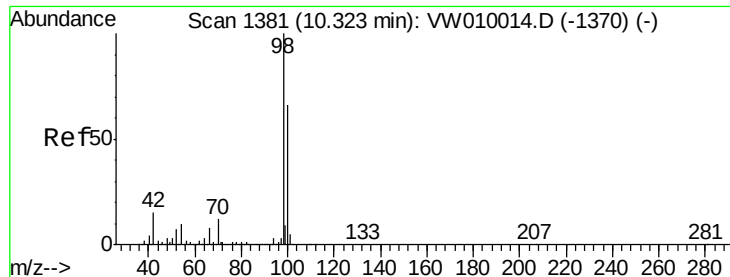
#35
 Dibromofluoromethane
 Concen: 68.599 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010057.D
 Acq: 18 Apr 2019 20:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	18.5	15.4	23.2



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: 51.206 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010057.D

Acq: 18 Apr 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

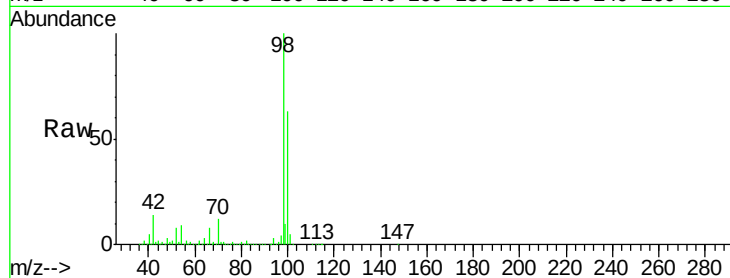
EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion: 98 Resp: 398930

Ion Ratio Lower Upper

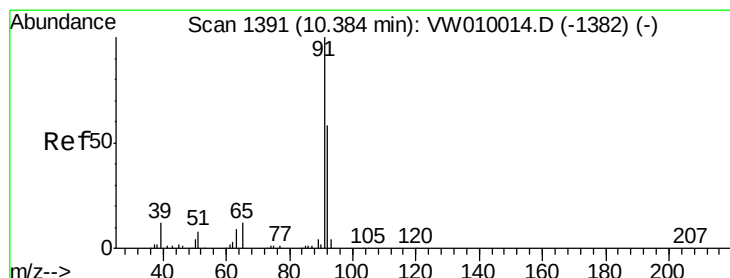
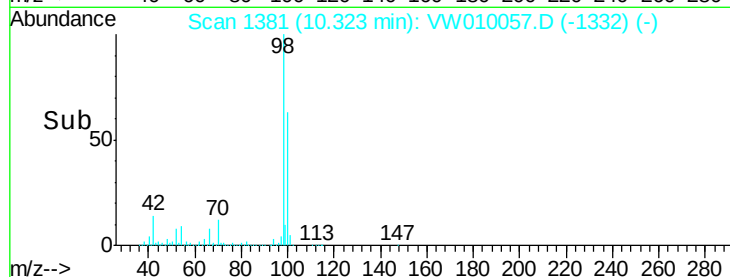
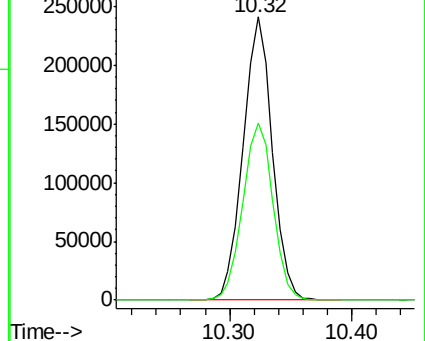
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.042 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010057.D

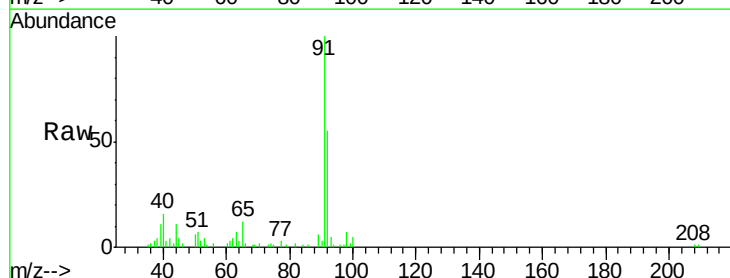
Acq: 18 Apr 2019 20:41

Tgt Ion: 92 Resp: 5931

Ion Ratio Lower Upper

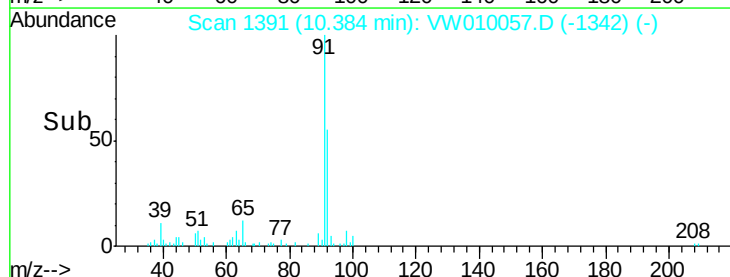
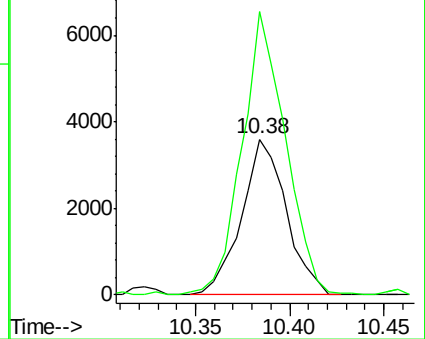
92 100

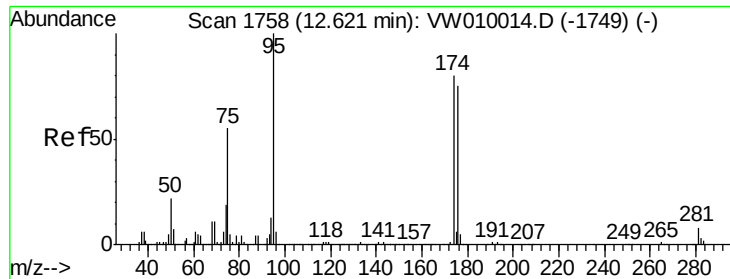
91 176.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 31.360 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010057.D

Acq: 18 Apr 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

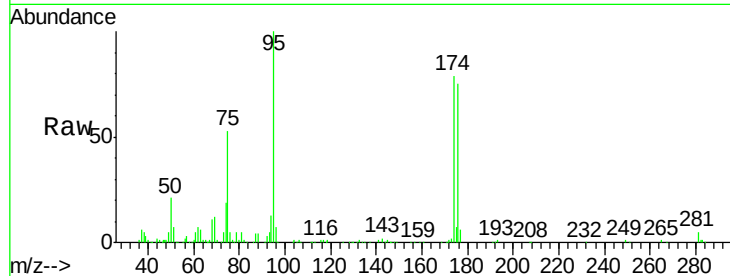
Tot Ion: 95 Resp: 88810

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.4

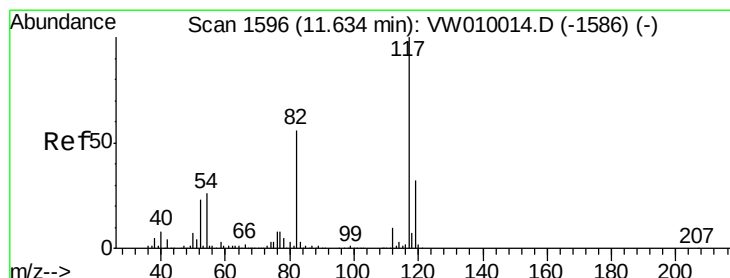
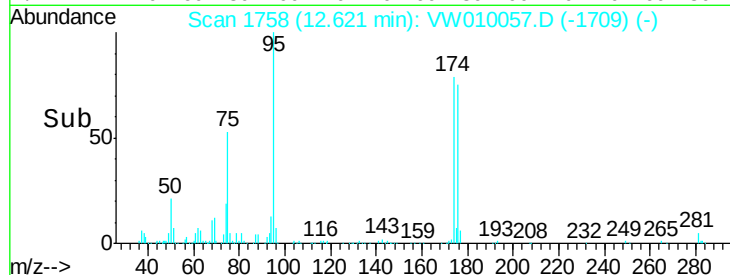
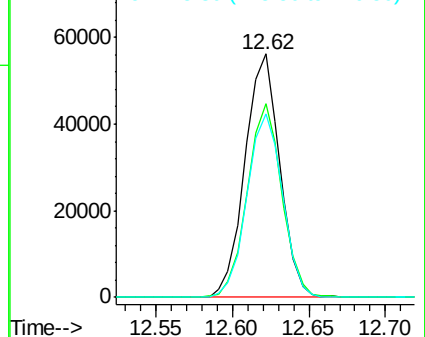
176 76.9 0.0 146.2



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# 1596

Delta R.T. 0.00 min

Lab File: VW010057.D

Acq: 18 Apr 2019 20:41

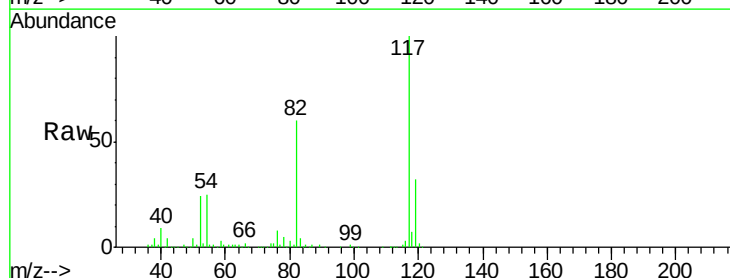
Tgt Ion: 117 Resp: 246084

Ion Ratio Lower Upper

117 100

82 59.9 45.2 67.8

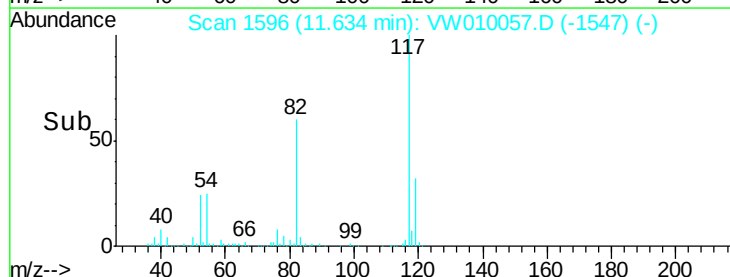
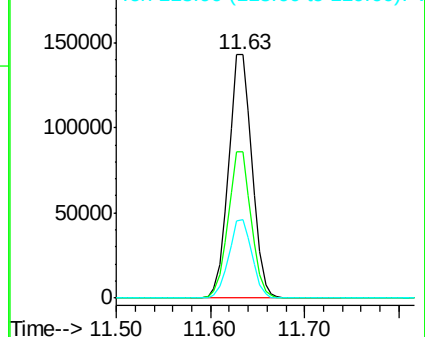
119 32.5 25.4 38.2

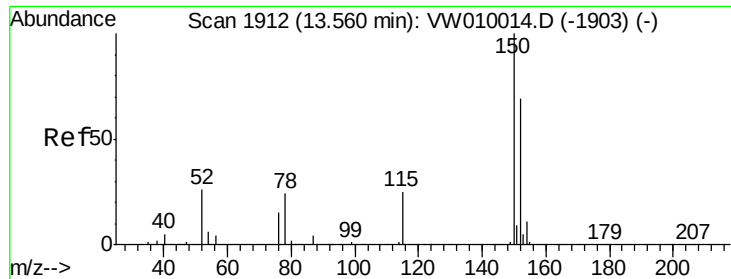


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010057.D

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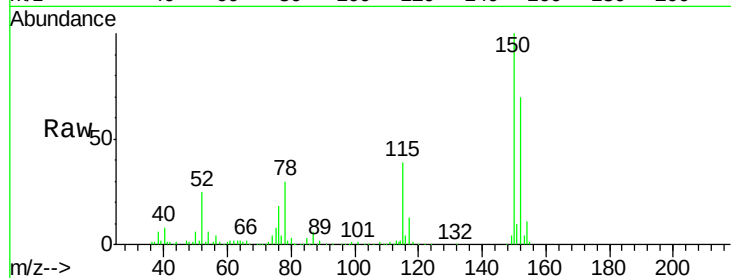
Tot Ion:152 Resp: 61453

Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.2

150 155.2 0.0 347.0



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

