

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013255.D
 Acq On : 24 Sep 2019 03:46
 Operator : SY/VA
 Sample : K4980-05
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAND-STOCKPILE-1

Quant Time: Sep 24 08:31:18 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

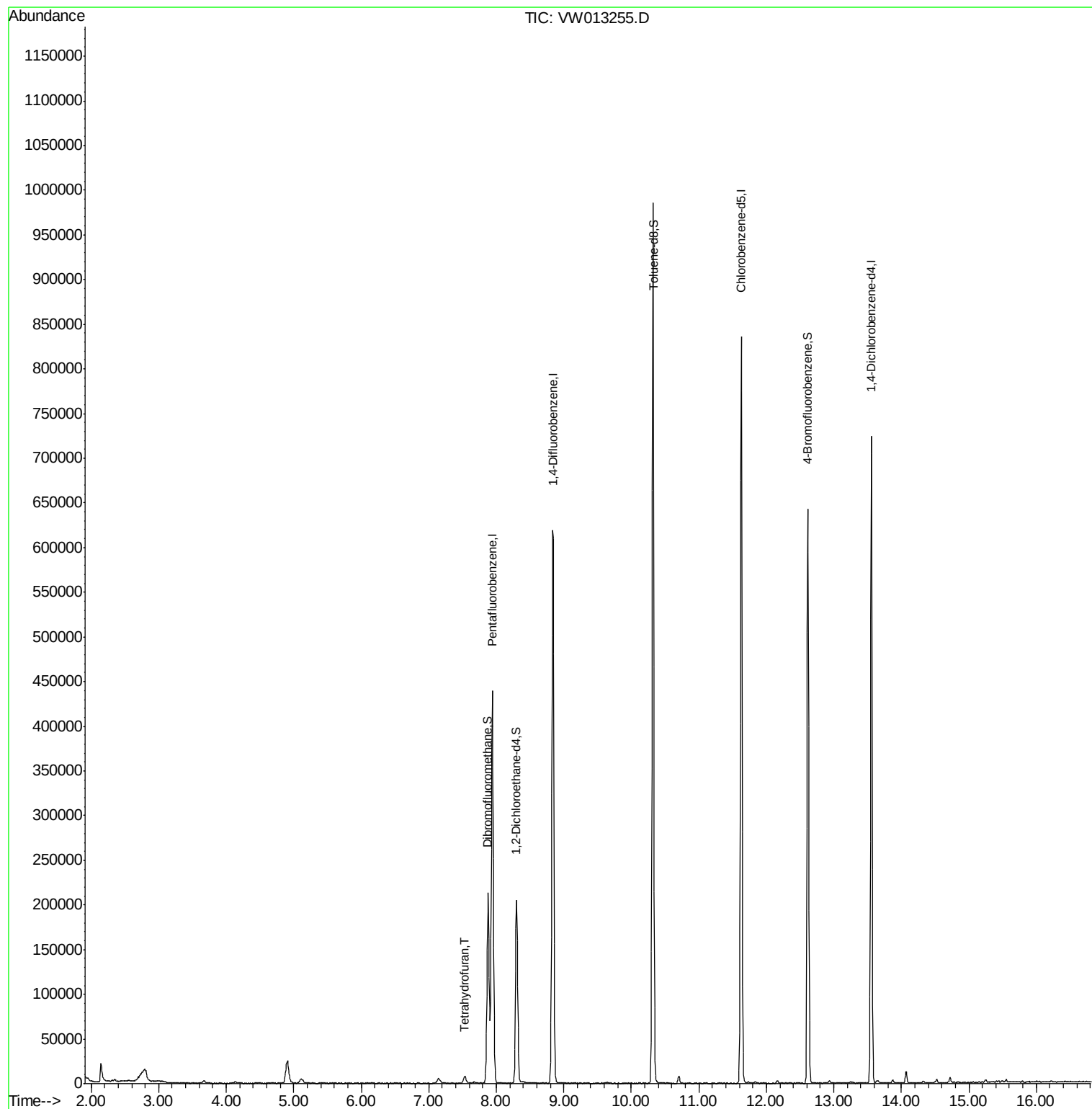
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	363744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	552678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	495911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	205650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160703	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.88	113	153081	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.32	98	670239	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.62	95	212750	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	6771	10.986	ug/l	Qvalue 98

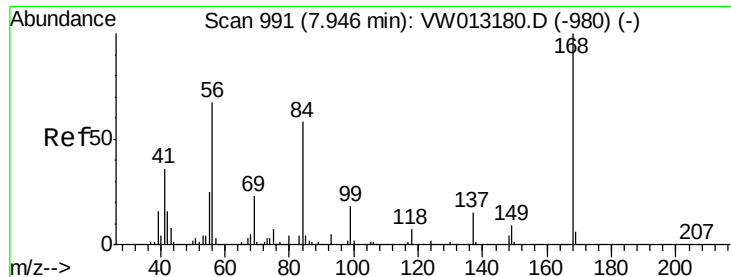
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013255.D

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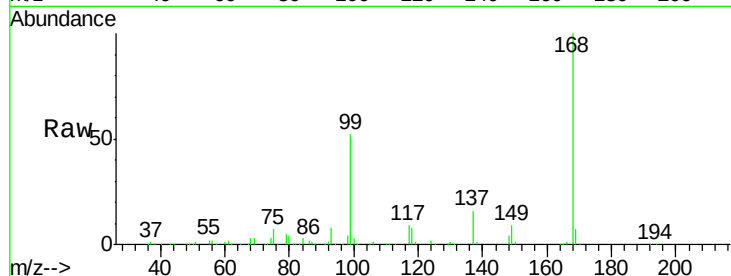
SAND-STOCKPILE-1

Tot Ion:168 Resp: 363744

Ion Ratio Lower Upper

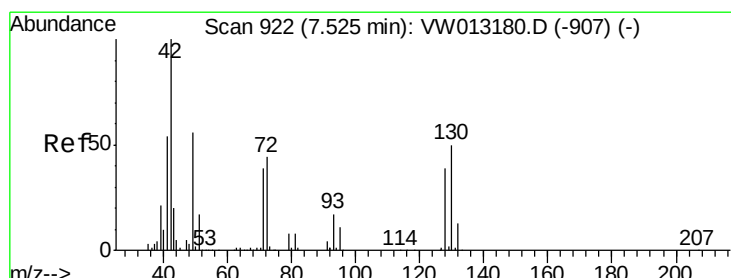
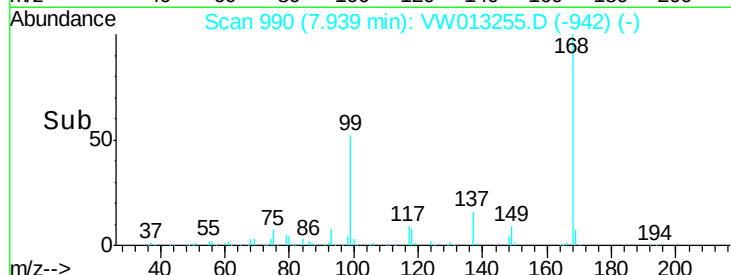
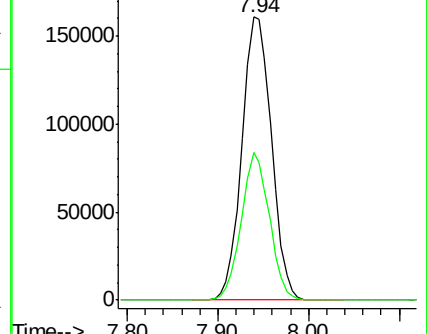
168 100

99 52.4 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 10.986 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW013255.D

Acq: 24 Sep 2019 03:46

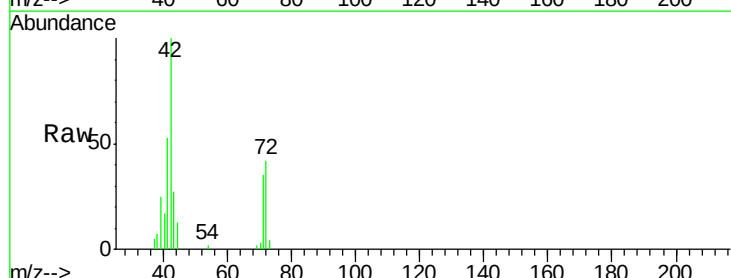
Tgt Ion: 42 Resp: 6771

Ion Ratio Lower Upper

42 100

72 42.8 33.9 50.9

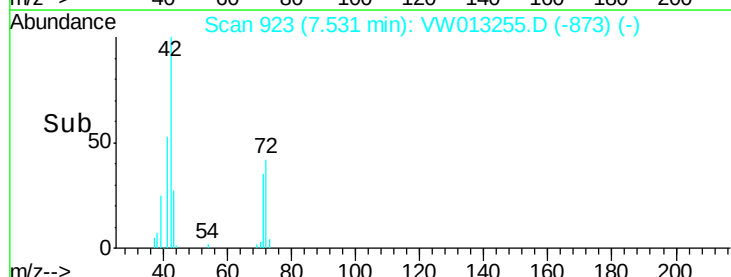
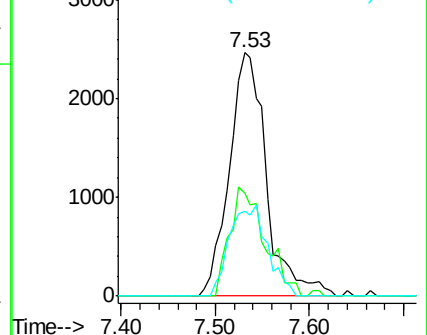
71 38.0 31.9 47.9

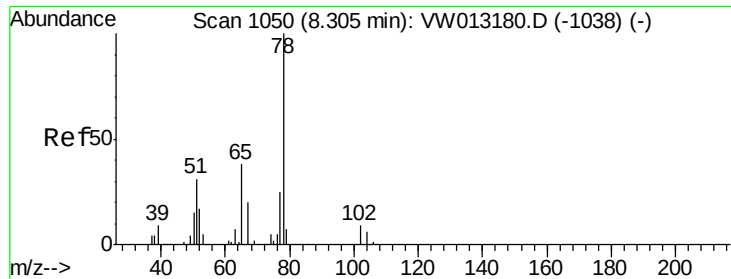


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

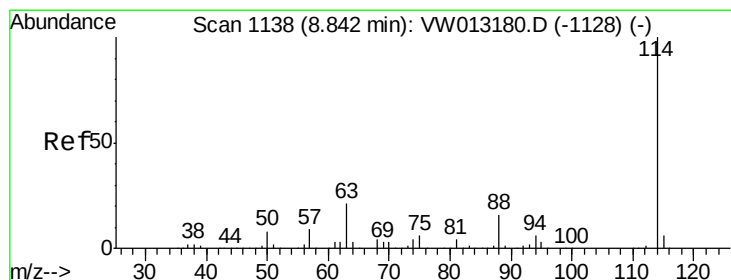
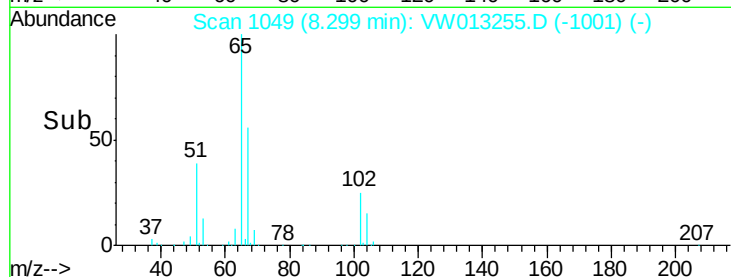
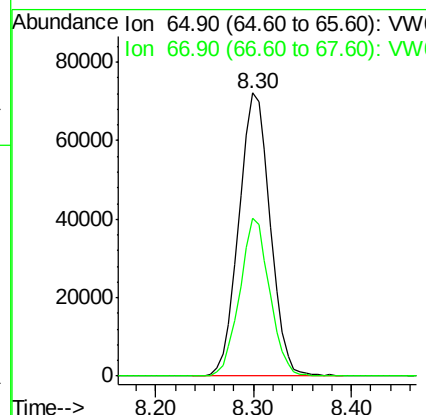
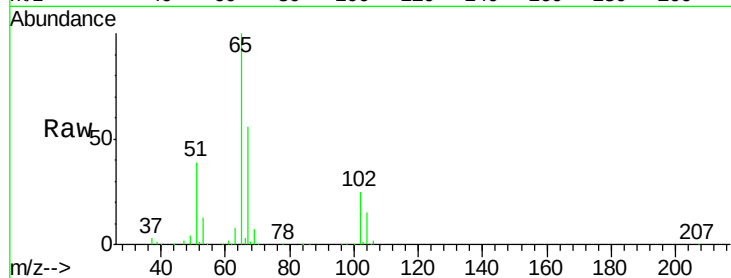




#33
 1,2-Dichloroethane-d4
 Concen: 54.133 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013255.D
 Acq: 24 Sep 2019 03:46

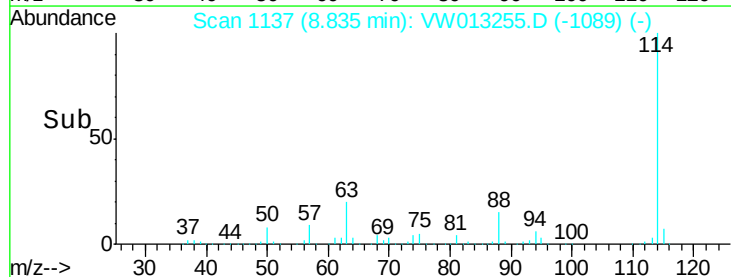
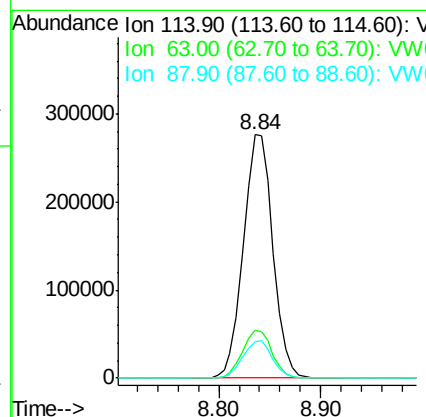
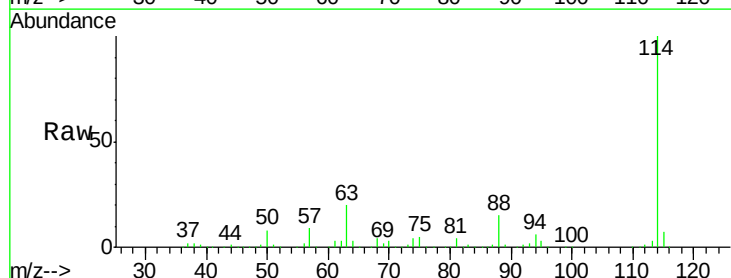
Instrument :
 MSVOA_W
 ClientSampleId :
 SAND-STOCKPILE-1

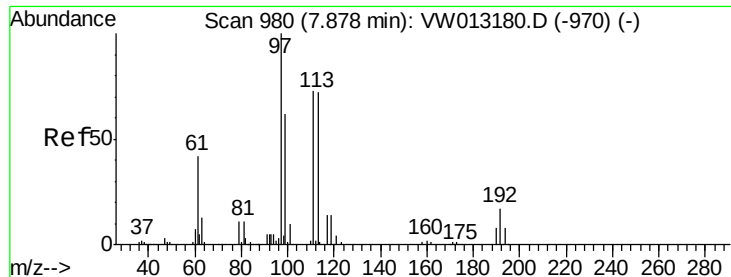
Tot Ion: 65 Resp: 160703
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013255.D
 Acq: 24 Sep 2019 03:46

Tgt Ion: 114 Resp: 552678
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.0 0.0 32.0

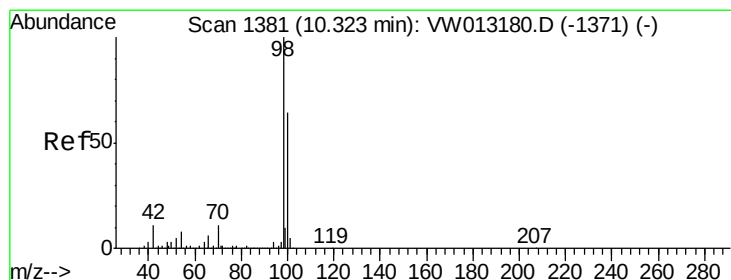
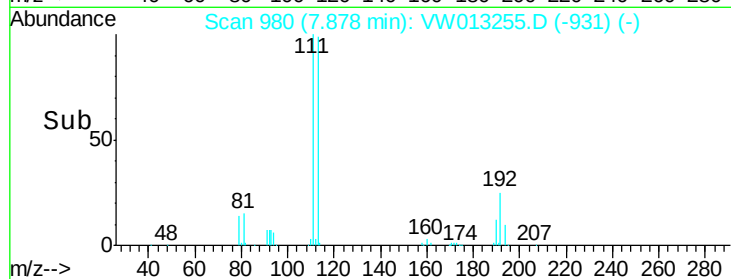
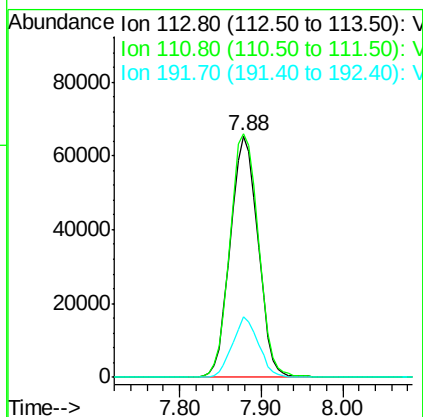
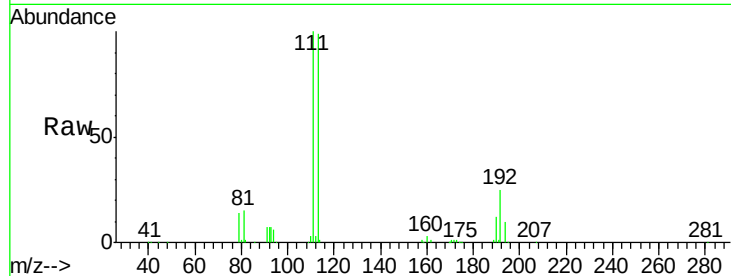




#35
 Dibromofluoromethane
 Concen: 50.360 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013255.D
 Acq: 24 Sep 2019 03:46

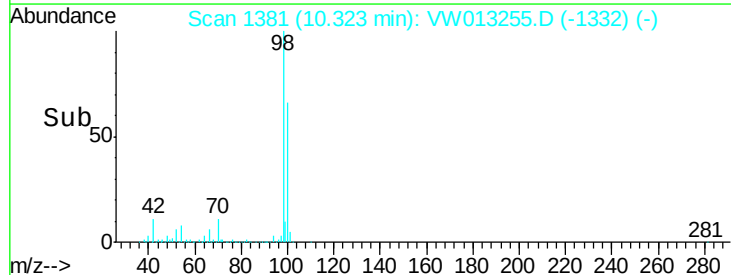
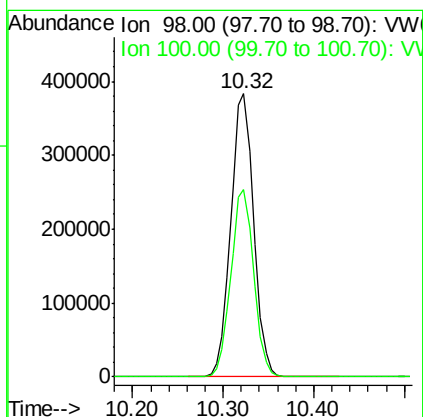
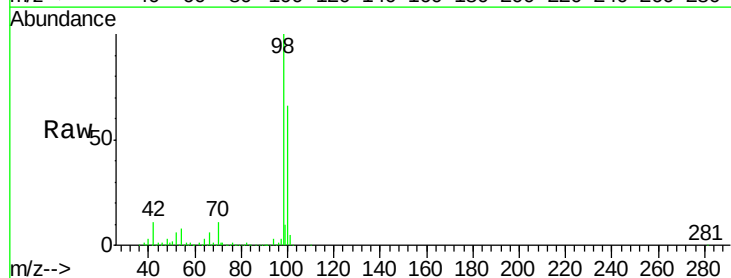
Instrument :
 MSVOA_W
 ClientSampleId :
 SAND-STOCKPILE-1

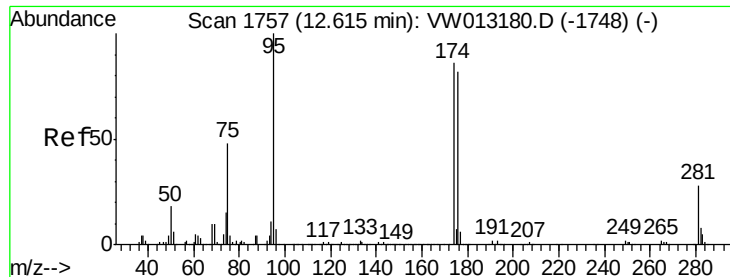
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	23.6	19.1	28.7



#50
 Toluene-d8
 Concen: 52.685 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013255.D
 Acq: 24 Sep 2019 03:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 48.958 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013255.D

Acq: 24 Sep 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SAND-STOCKPILE-1

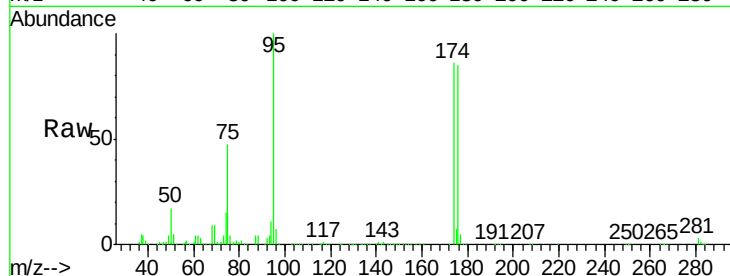
Tot Ion: 95 Resp: 212750

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.4

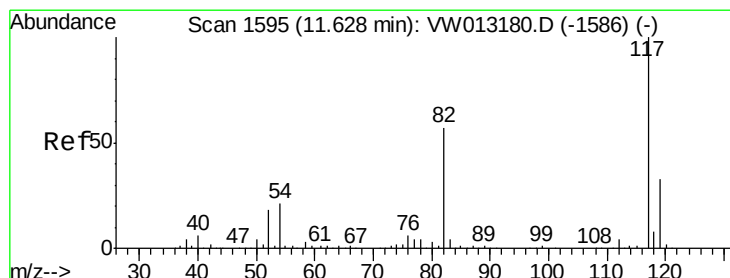
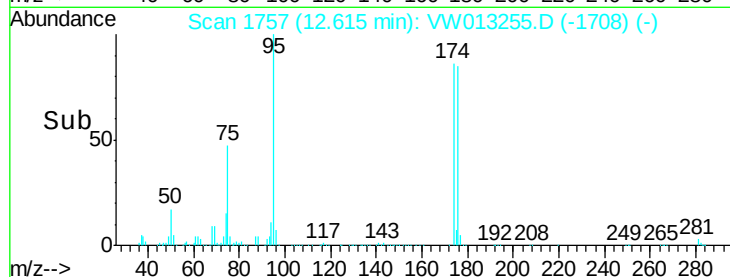
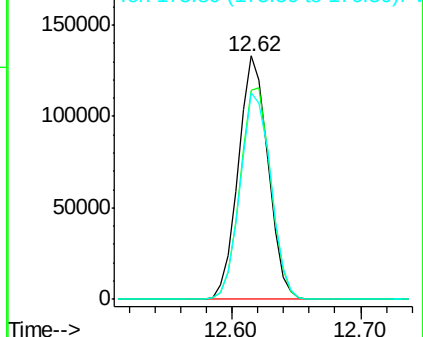
176 87.4 0.0 172.2



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: VW013255.D

Acq: 24 Sep 2019 03:46

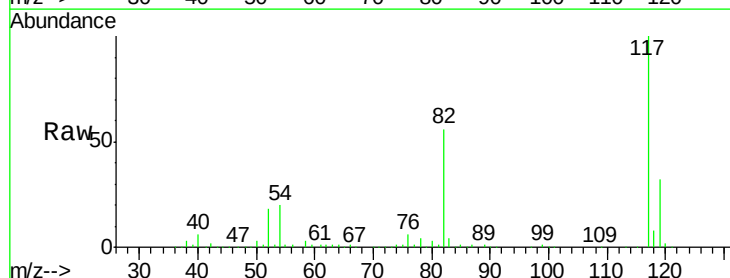
Tgt Ion: 117 Resp: 495911

Ion Ratio Lower Upper

117 100

82 56.4 45.9 68.9

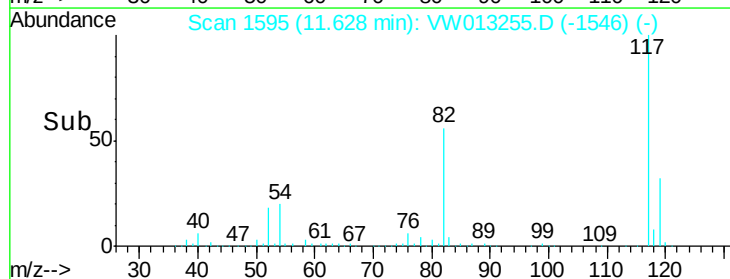
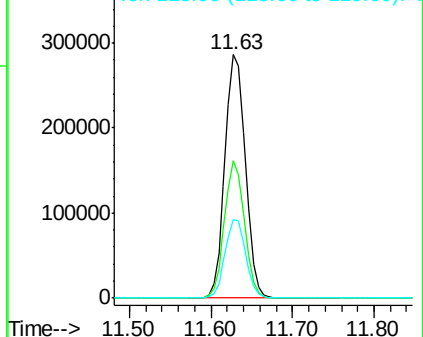
119 32.5 26.2 39.2

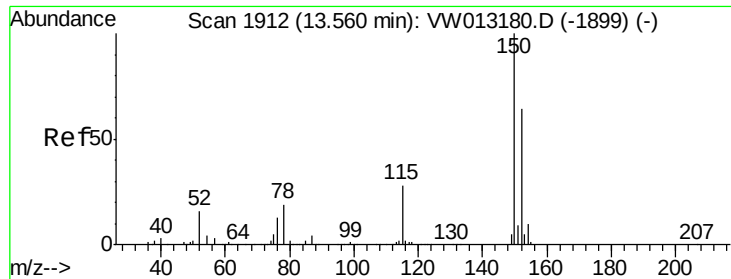


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW013255.D

Acq: 24 Sep 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SAND-STOCKPILE-1

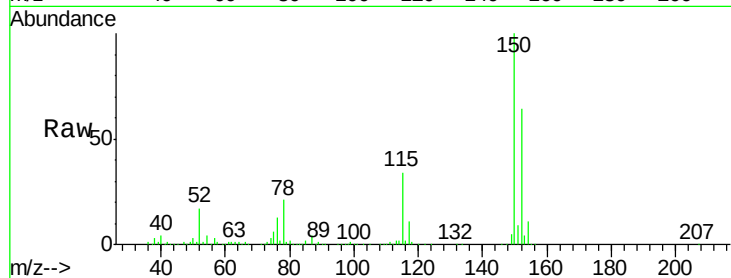
Tot Ion:152 Resp: 205650

Ion Ratio Lower Upper

152 100

115 53.7 27.3 81.9

150 154.8 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

