

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009084.D
 Acq On : 11 Mar 2019 14:11
 Operator : SY/VA
 Sample : K1823-02
 Misc : 2.28G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Mar 12 08:43:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

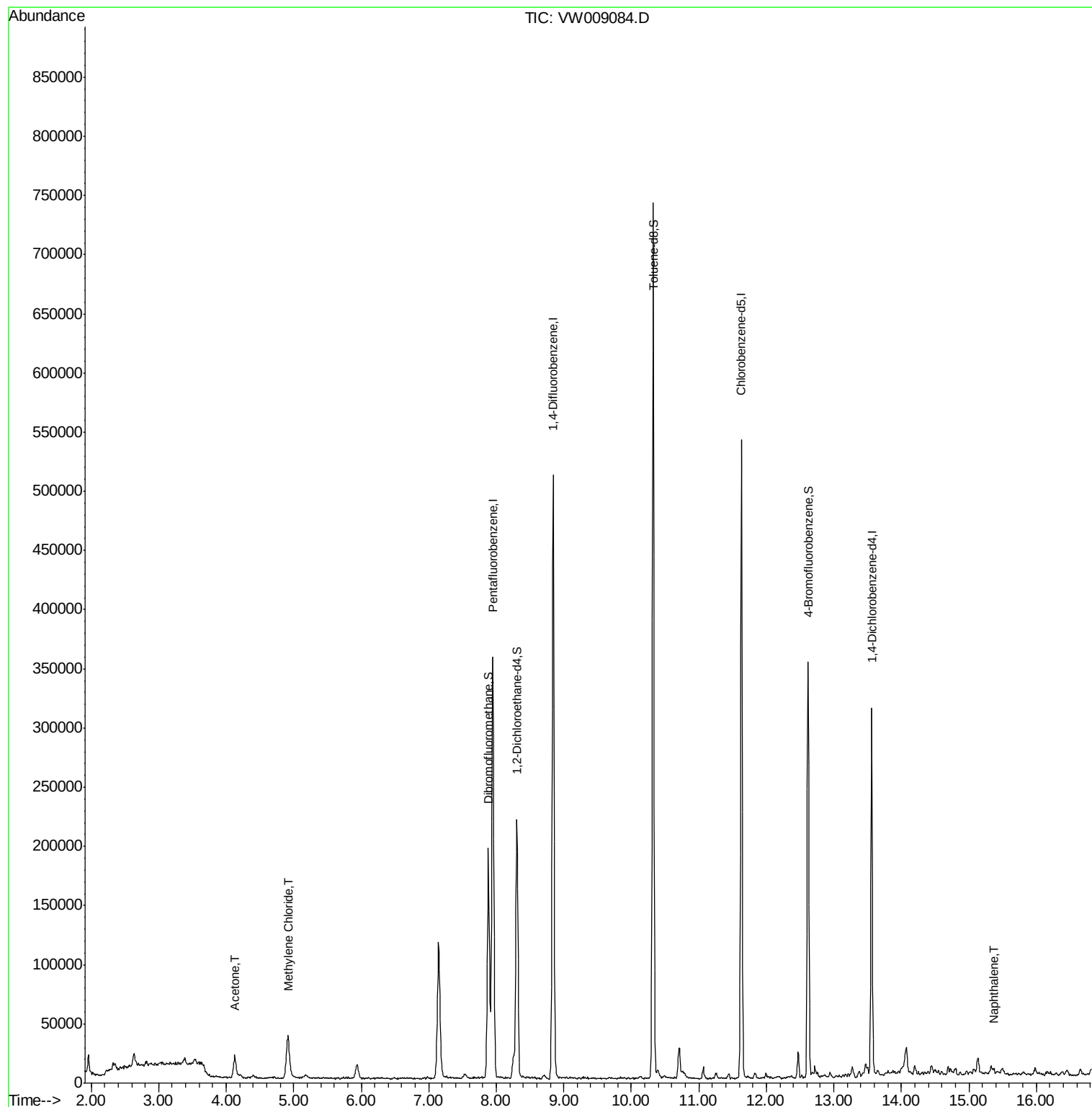
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159423	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.02%	
35) Dibromofluoromethane	7.88	113	128991	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.32	98	459228	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.62	95	98165	24.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.76%	
Target Compounds						
16) Acetone	4.12	43	34095	56.397	ug/l	96
20) Methylene Chloride	4.92	84	27493	4.757	ug/l	91
95) Naphthalene	15.37	128	3349	1.281	ug/l	96

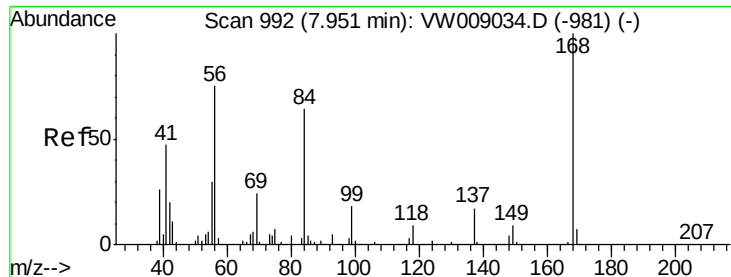
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009084.D

Acq: 11 Mar 2019 14:11

Instrument :

MSVOA_W

ClientSampled :

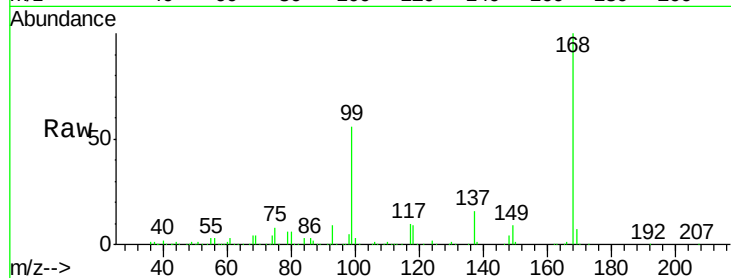
STOCK-PILE-1

Tot Ion:168 Resp: 266281

Ion Ratio Lower Upper

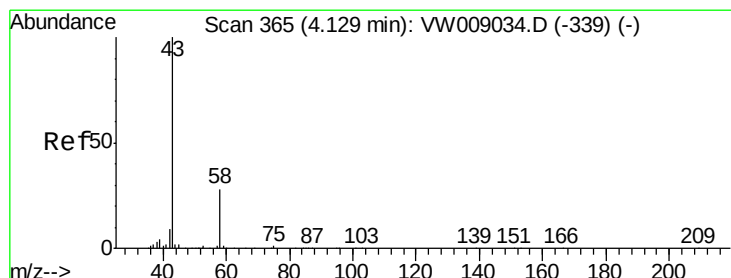
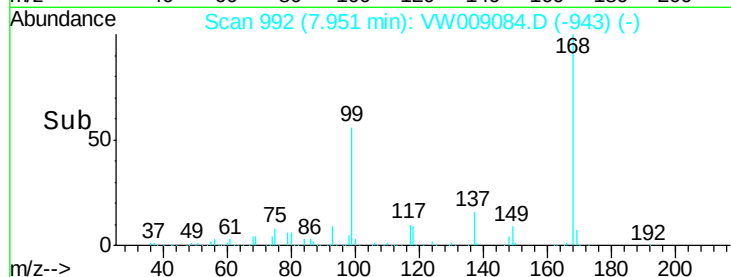
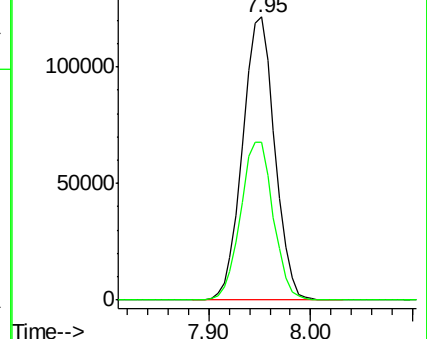
168 100

99 56.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 56.397 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009084.D

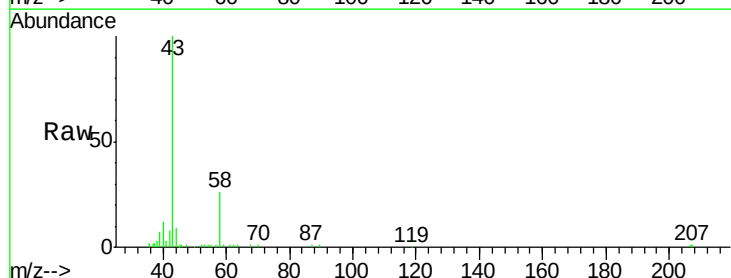
Acq: 11 Mar 2019 14:11

Tgt Ion: 43 Resp: 34095

Ion Ratio Lower Upper

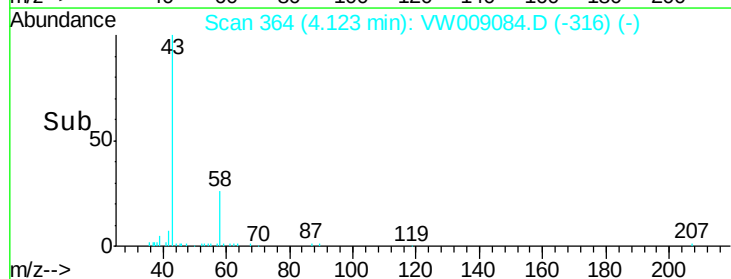
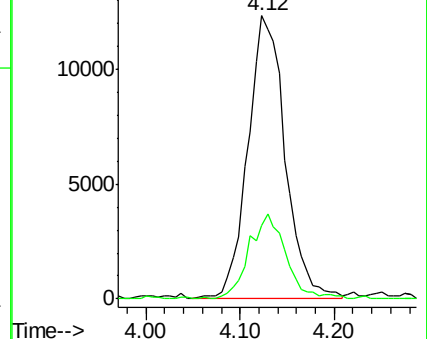
43 100

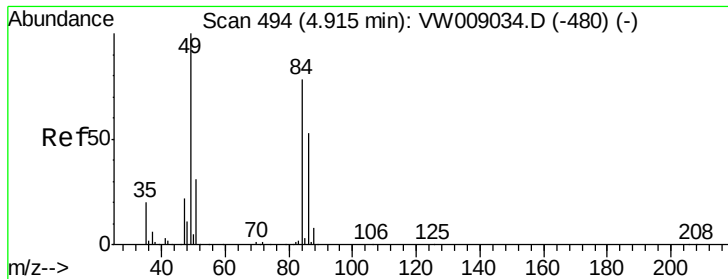
58 26.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

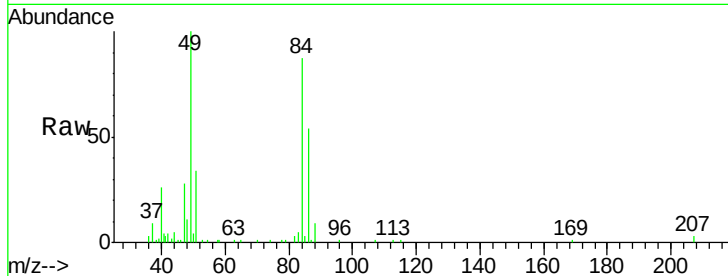




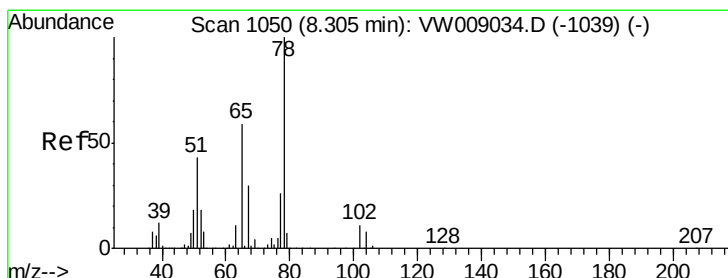
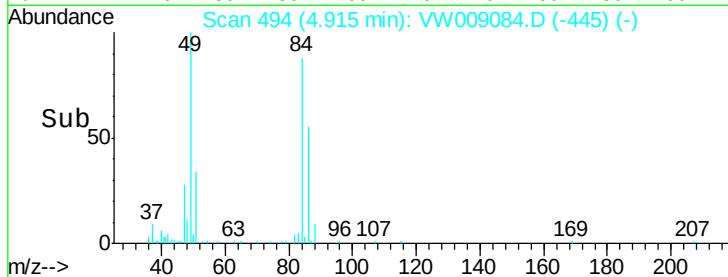
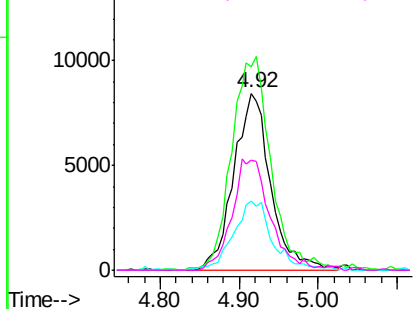
#20
Methylene Chloride
Concen: 4.757 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009084.D
Acq: 11 Mar 2019 14:11

Instrument :
MSVOA_W
ClientSampleId :
STOCK-PILE-1

Tot Ion: 84 Resp: 27493
Ion Ratio Lower Upper
84 100
49 113.3 102.4 153.6
51 39.0 31.6 47.4
86 62.2 54.5 81.7

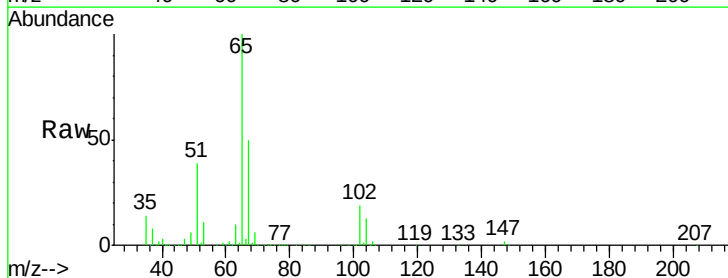


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

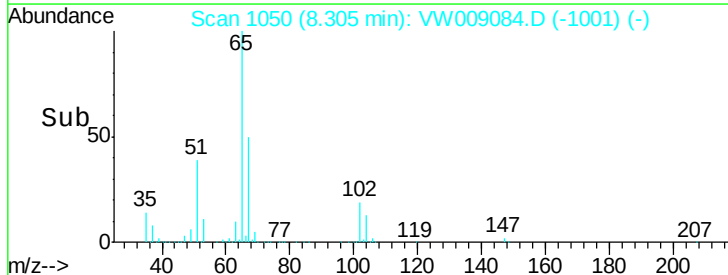
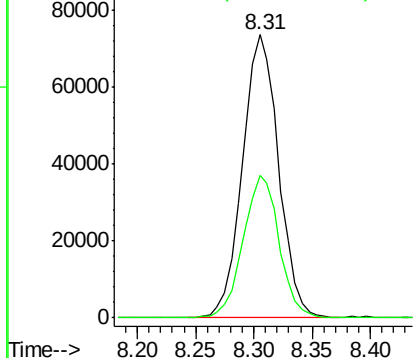


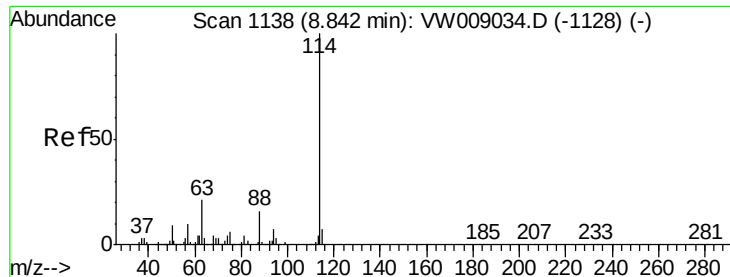
#33
1,2-Dichloroethane-d4
Concen: 59.507 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009084.D
Acq: 11 Mar 2019 14:11

Tgt Ion: 65 Resp: 159423
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009084.D

Acq: 11 Mar 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

STOCK-PILE-1

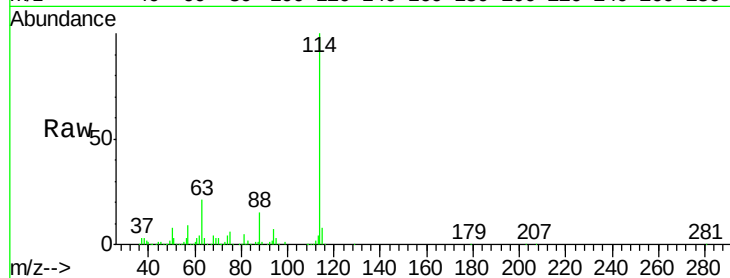
Tot Ion:114 Resp: 405304

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

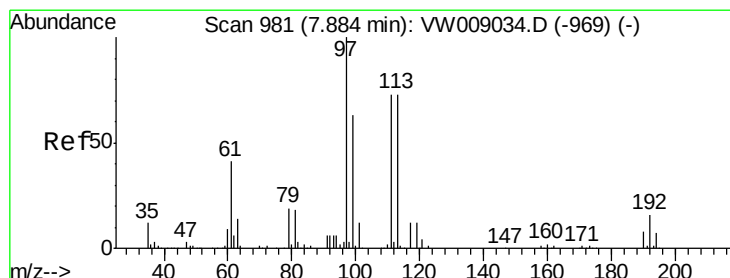
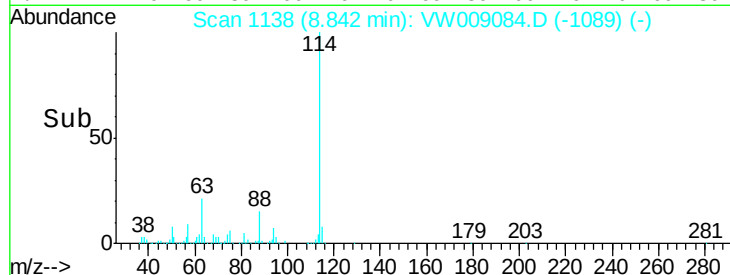
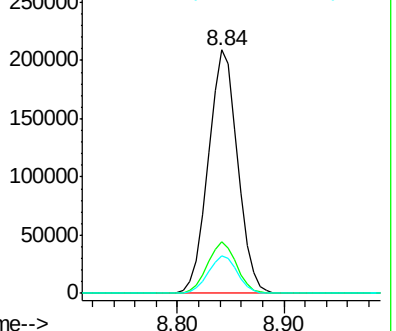
88 15.2 0.0 31.2



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: 52.859 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009084.D

Acq: 11 Mar 2019 14:11

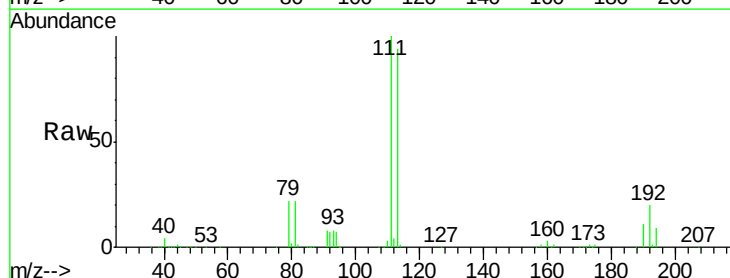
Tgt Ion:113 Resp: 128991

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.4

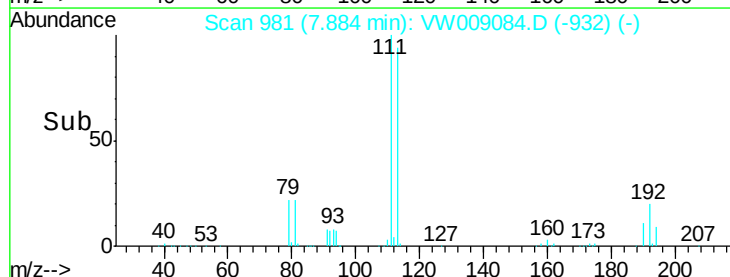
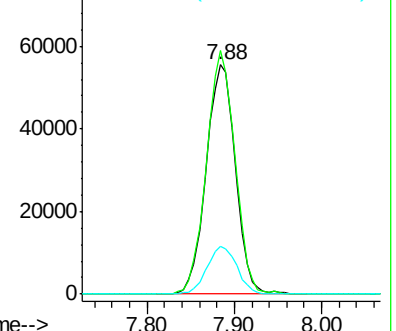
192 21.2 17.1 25.7

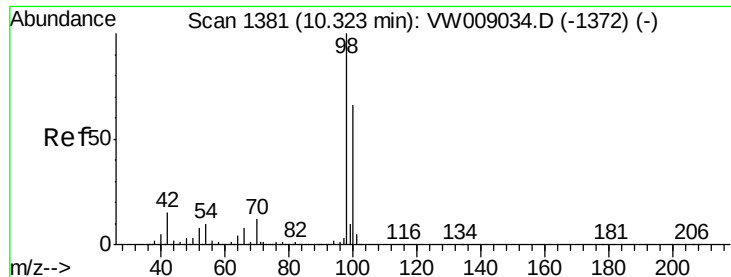


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.819 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009084.D

Acq: 11 Mar 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

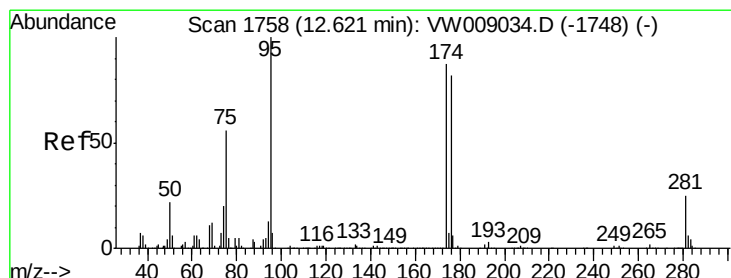
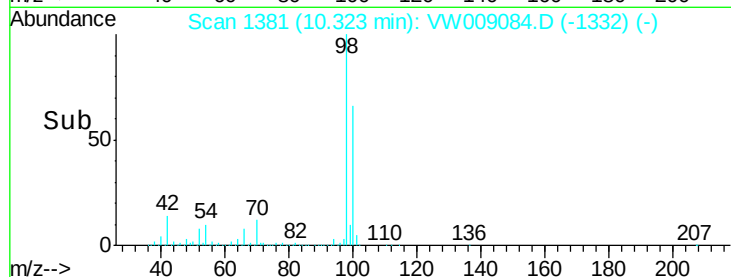
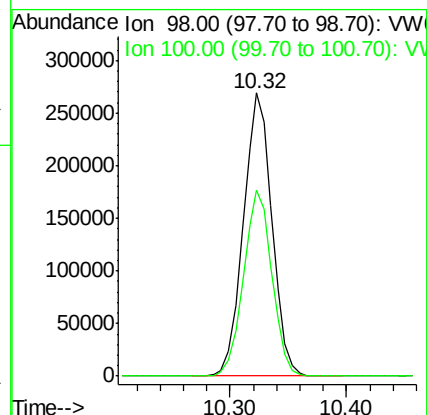
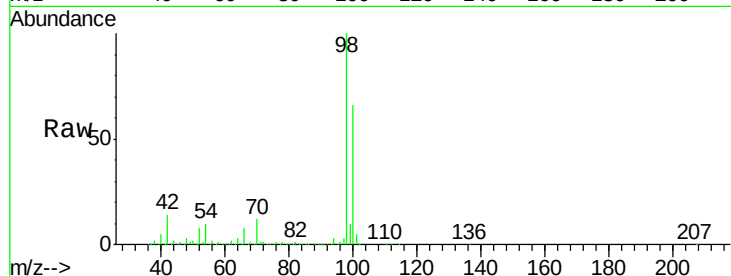
STOCK-PILE-1

Tot Ion: 98 Resp: 459228

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 24.880 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009084.D

Acq: 11 Mar 2019 14:11

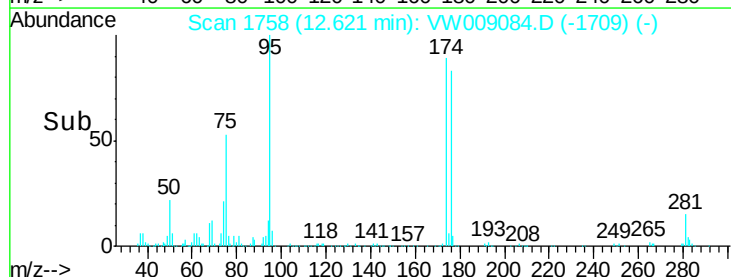
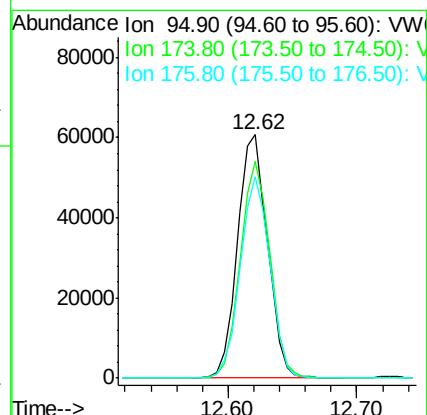
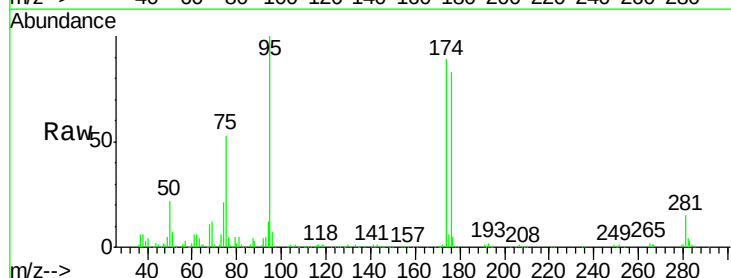
Tgt Ion: 95 Resp: 98165

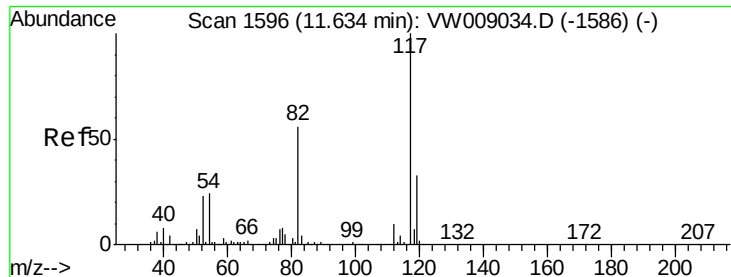
Ion Ratio Lower Upper

95 100

174 88.2 0.0 167.0

176 81.7 0.0 159.4

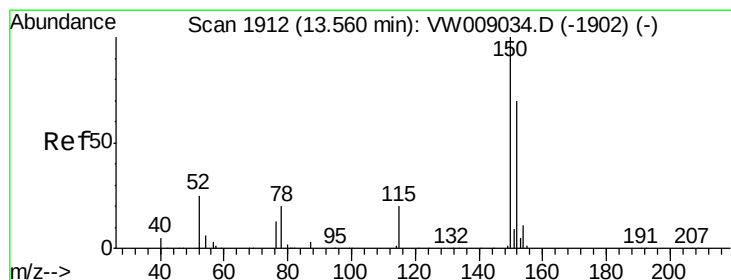
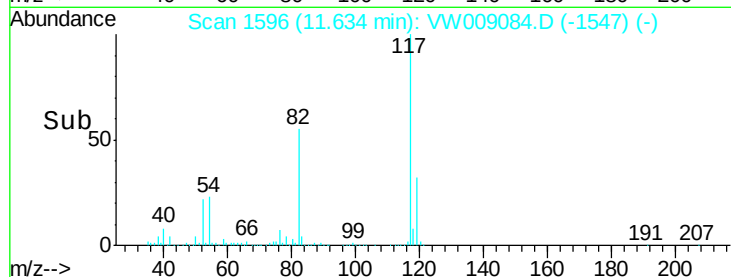
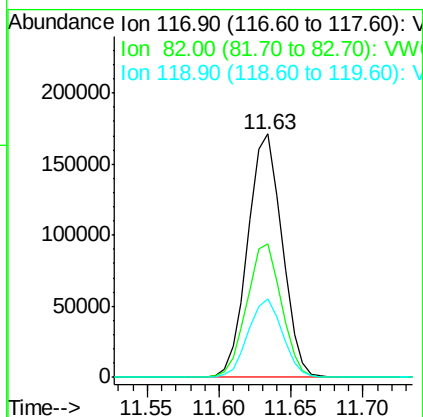
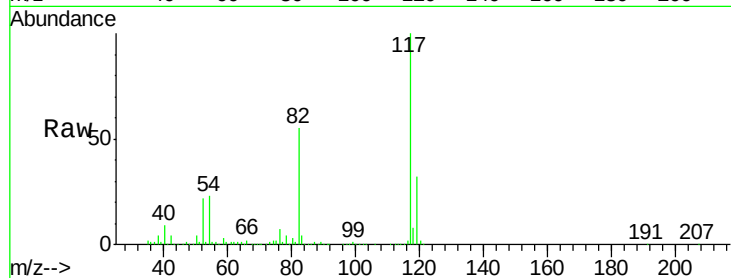




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009084.D
Acq: 11 Mar 2019 14:11

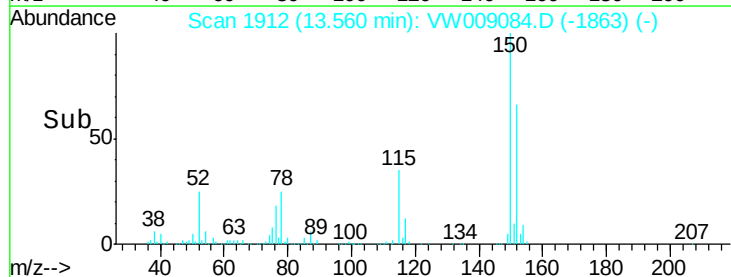
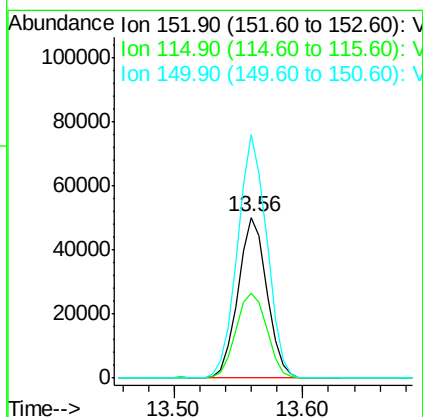
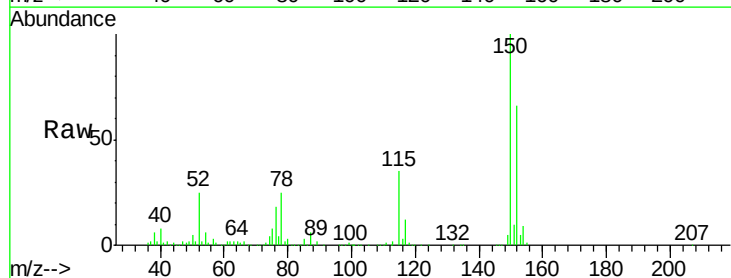
Instrument :
MSVOA_W
ClientSampleId :
STOCK-PILE-1

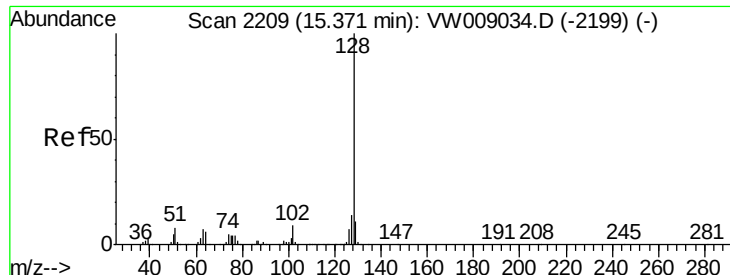
Tot Ion:117 Resp: 282483
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009084.D
Acq: 11 Mar 2019 14:11

Tgt Ion:152 Resp: 77936
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 153.7 0.0 349.2





#95

Naphthalene

Concen: 1.281 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW009084.D

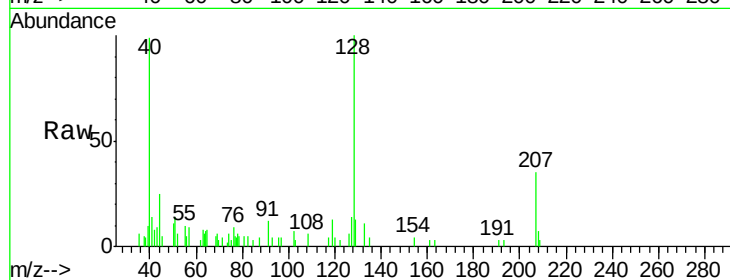
Acq: 11 Mar 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

STOCK-PILE-1



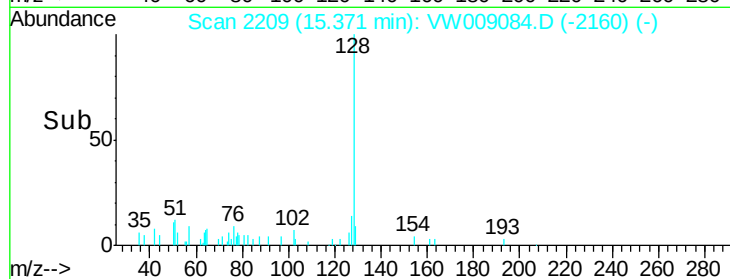
Tot Ion:128 Resp: 3349

Ion Ratio Lower Upper

128 100

127 15.1 11.0 16.6

129 13.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

