

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009118.D
 Acq On : 12 Mar 2019 07:05
 Operator : SY/VA
 Sample : K1847-12
 Misc : 7.18G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-12-031119

Quant Time: Mar 12 10:11:21 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

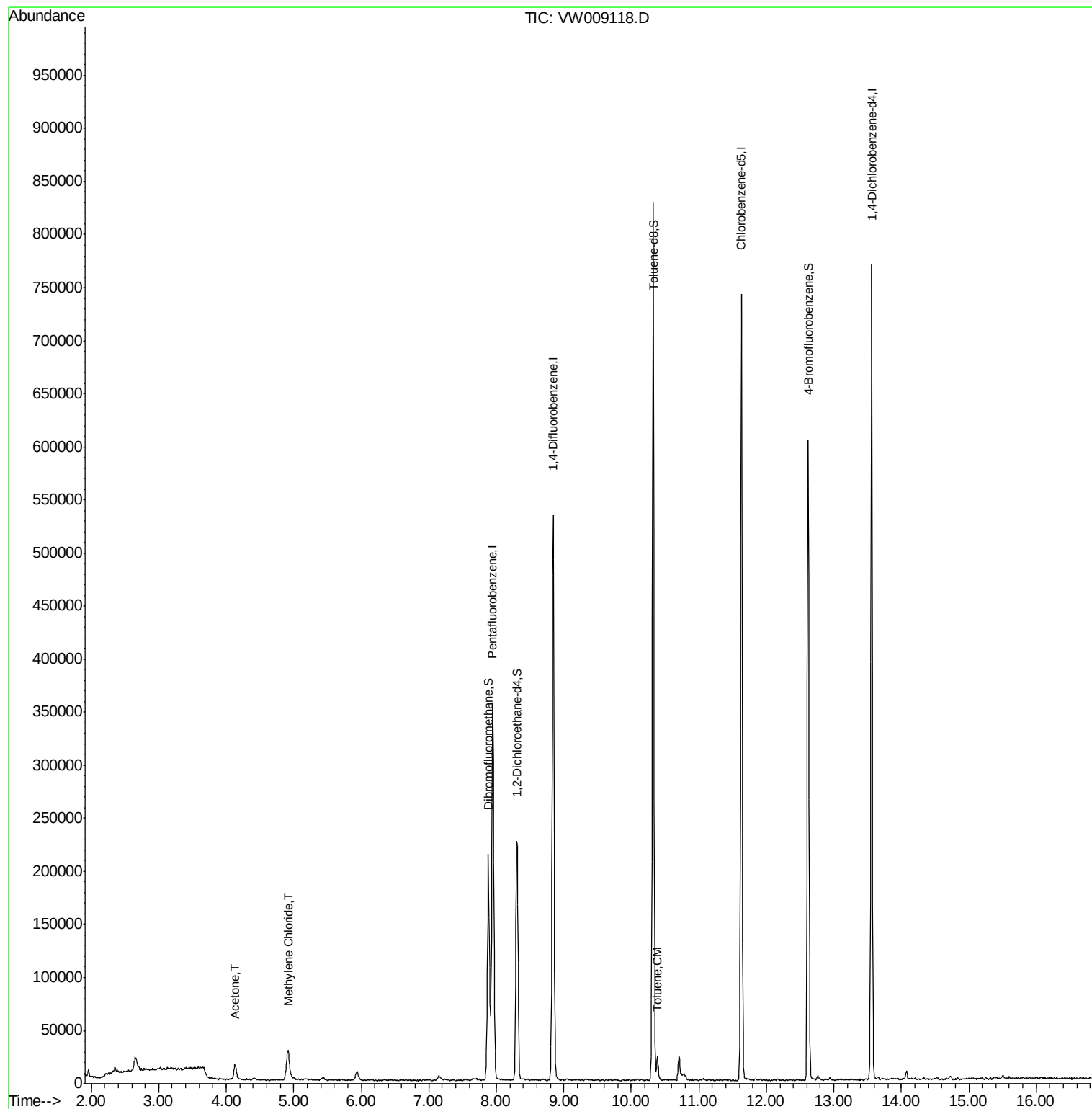
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	185638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	172402	64.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.80%	
35) Dibromofluoromethane	7.88	113	137191	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.32	98	524450	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	180942	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
16) Acetone	4.14	43	24782	41.341	ug/l	91
20) Methylene Chloride	4.92	84	20107	1.912	ug/l	99
52) Toluene	10.39	92	8219	1.009	ug/l	98

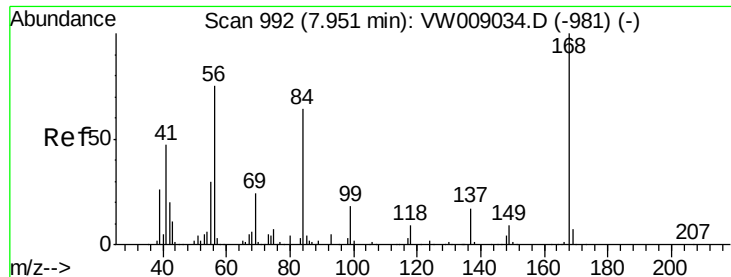
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009118.D

Acq: 12 Mar 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

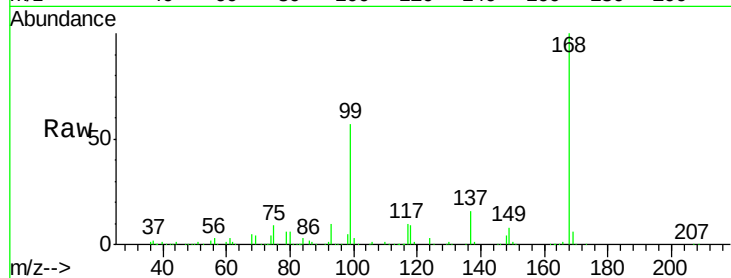
SUP-7B-G-12-031119

Tot Ion:168 Resp: 264034

Ion Ratio Lower Upper

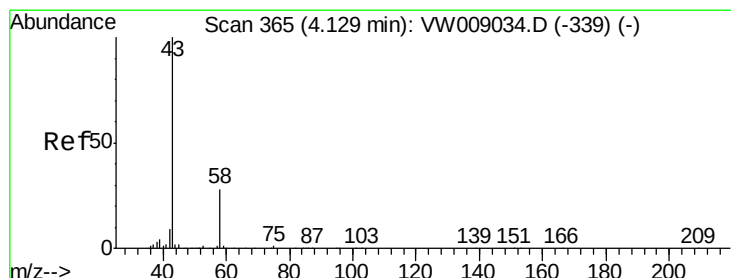
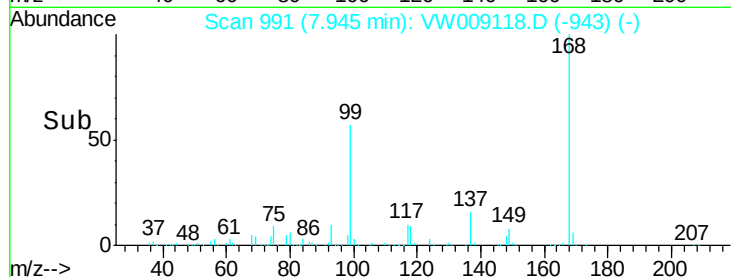
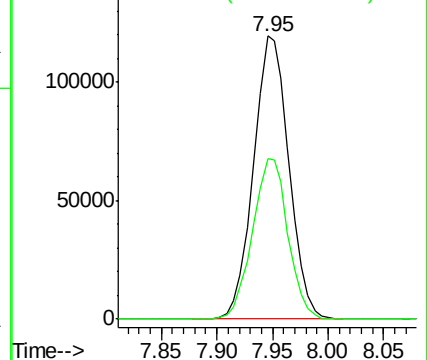
168 100

99 56.6 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: 41.341 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009118.D

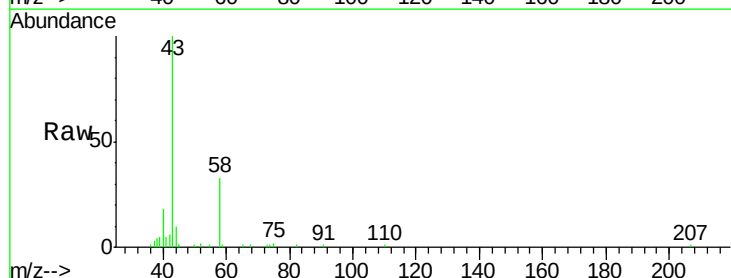
Acq: 12 Mar 2019 07:05

Tgt Ion: 43 Resp: 24782

Ion Ratio Lower Upper

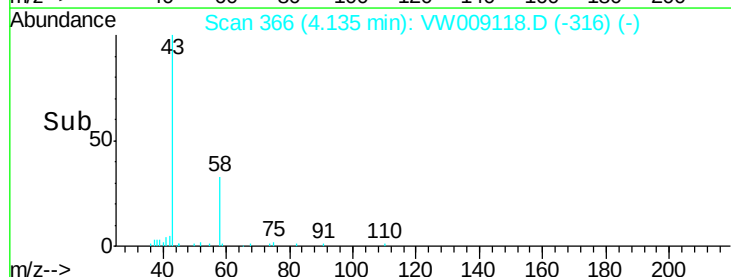
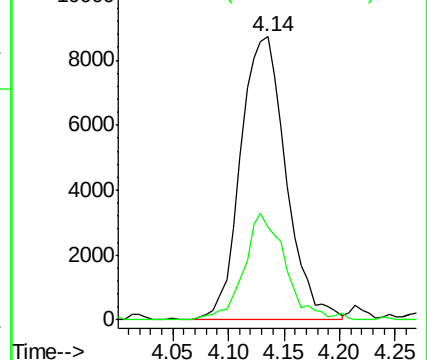
43 100

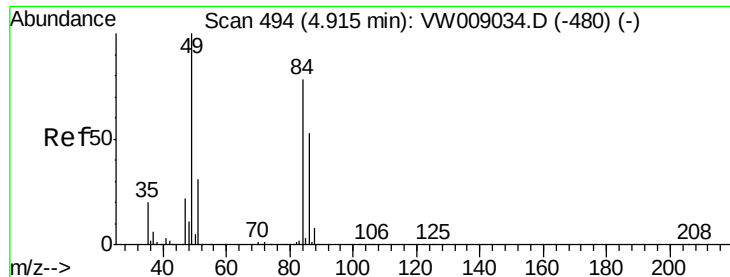
58 32.6 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

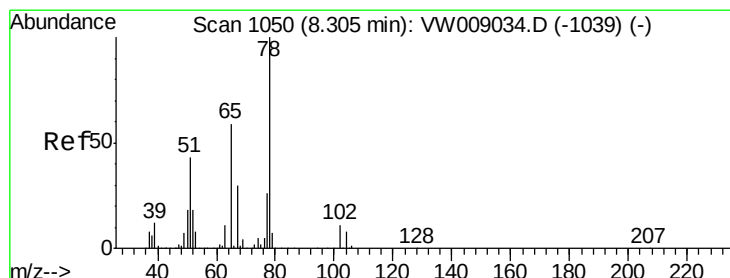
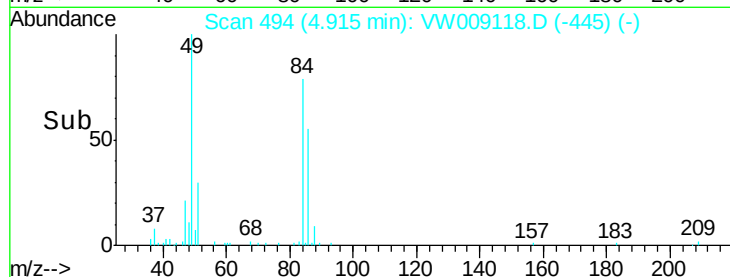
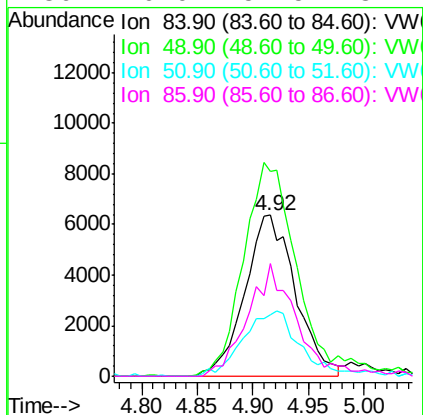
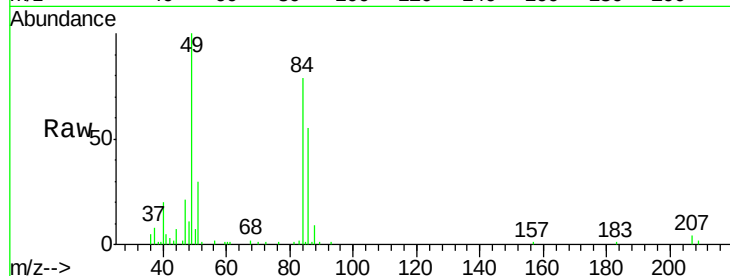




#20
Methylene Chloride
Concen: 1.912 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009118.D
Acq: 12 Mar 2019 07:05

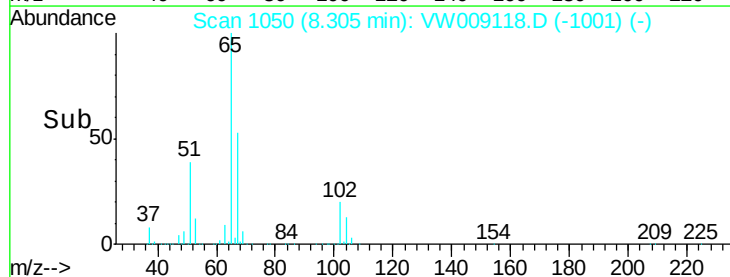
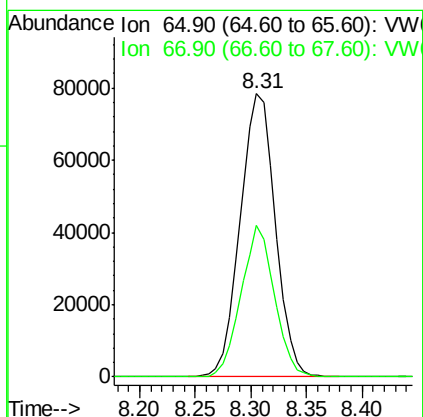
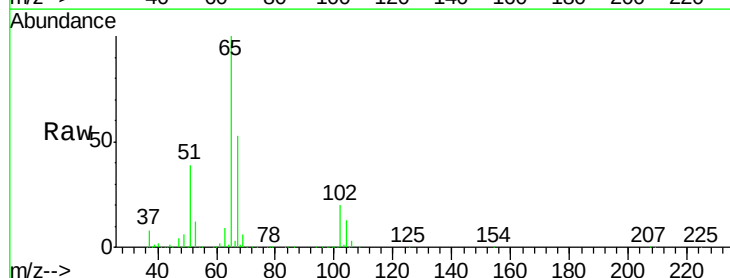
Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-12-031119

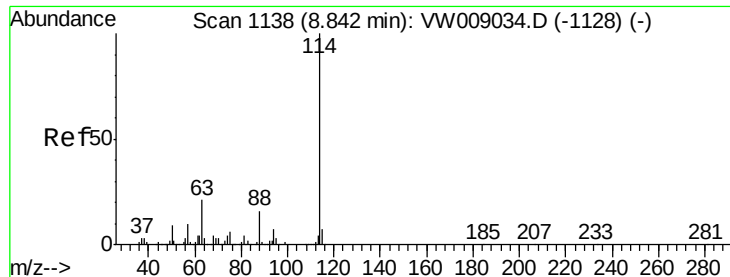
Tot Ion: 84 Resp: 20107
Ion Ratio Lower Upper
84 100
49 127.2 102.4 153.6
51 38.5 31.6 47.4
86 70.0 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 64.900 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009118.D
Acq: 12 Mar 2019 07:05

Tgt Ion: 65 Resp: 172402
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009118.D

Acq: 12 Mar 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-12-031119

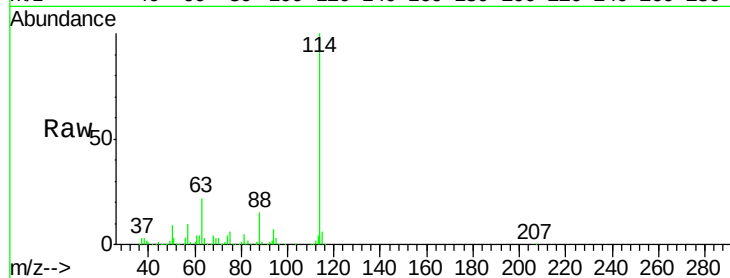
Tot Ion:114 Resp: 430130

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.2

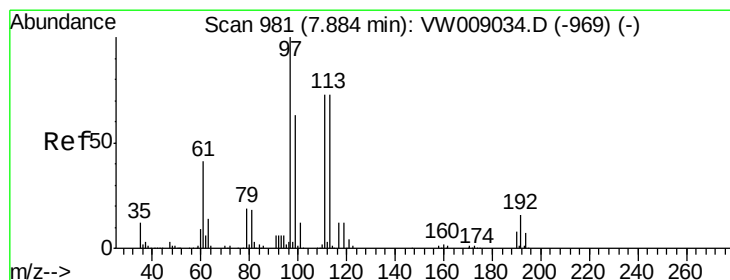
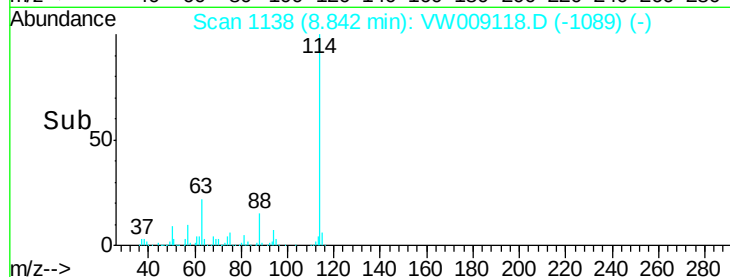
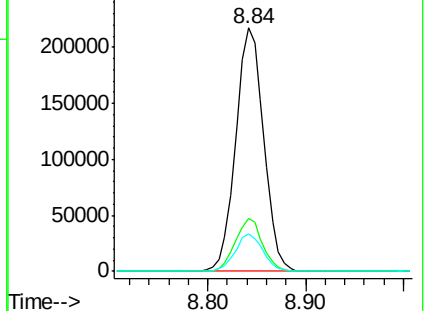
88 15.4 0.0 31.2



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: 52.974 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009118.D

Acq: 12 Mar 2019 07:05

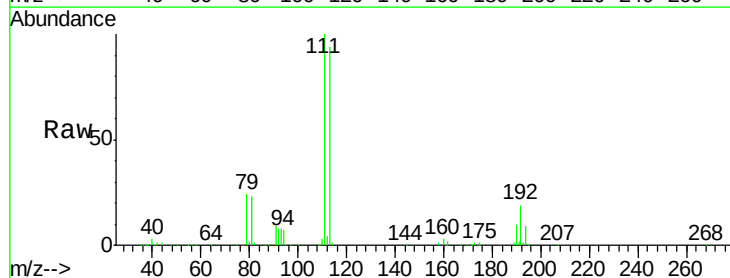
Tgt Ion:113 Resp: 137191

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.4

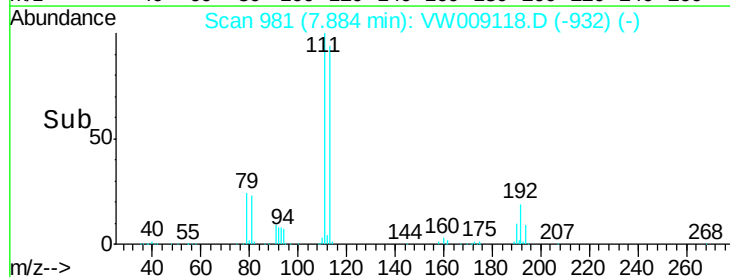
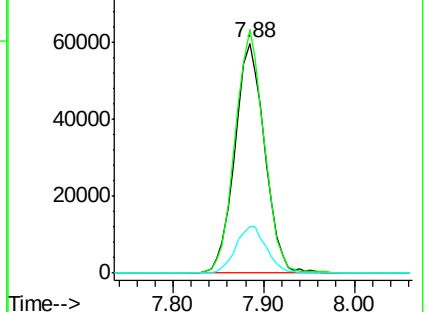
192 20.8 17.1 25.7

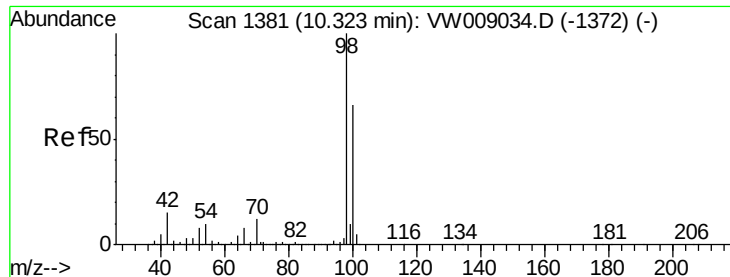


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.306 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009118.D

Acq: 12 Mar 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

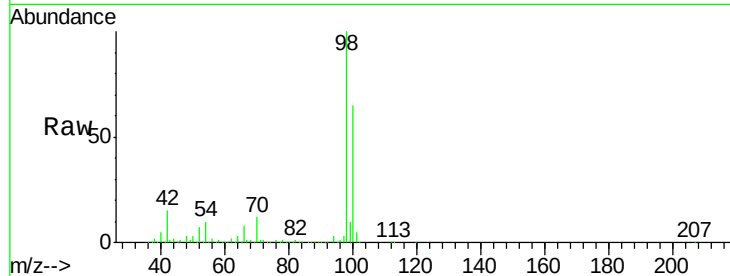
SUP-7B-G-12-031119

Tot Ion: 98 Resp: 524450

Ion Ratio Lower Upper

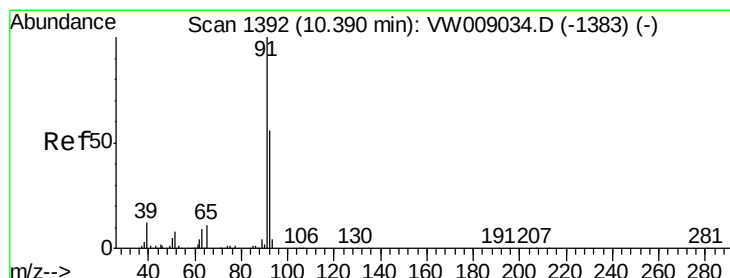
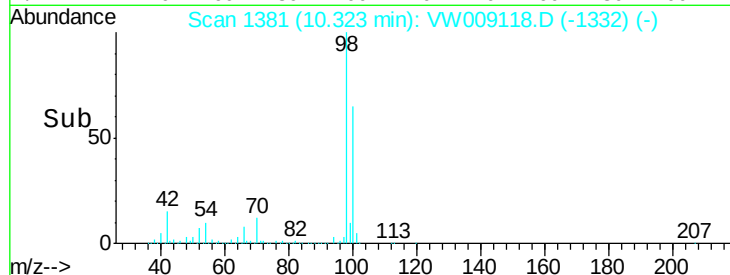
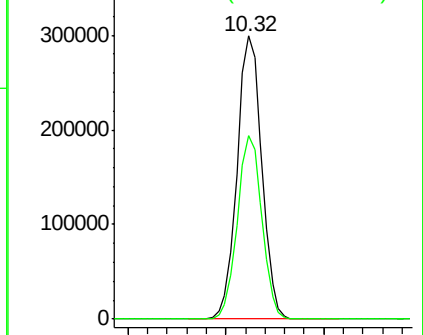
98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.009 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009118.D

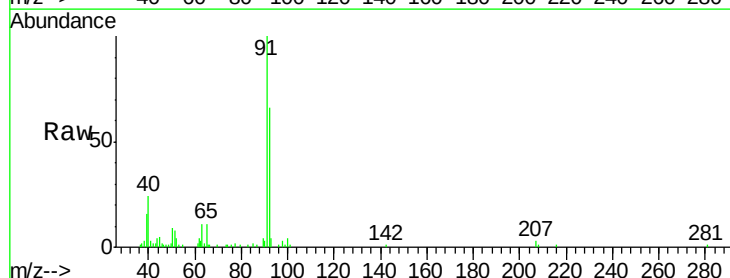
Acq: 12 Mar 2019 07:05

Tgt Ion: 92 Resp: 8219

Ion Ratio Lower Upper

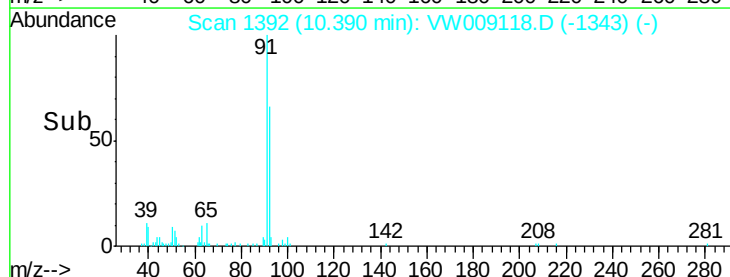
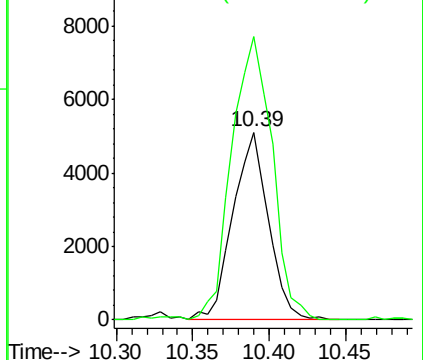
92 100

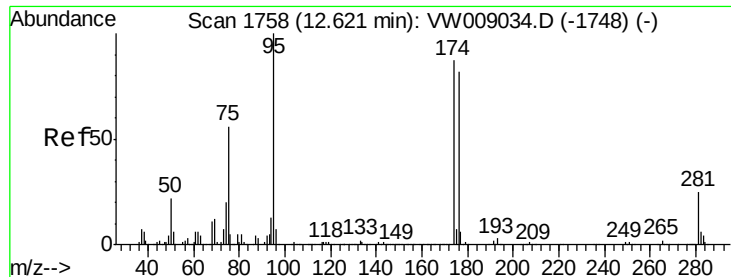
91 172.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 43.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009118.D

Acq: 12 Mar 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-12-031119

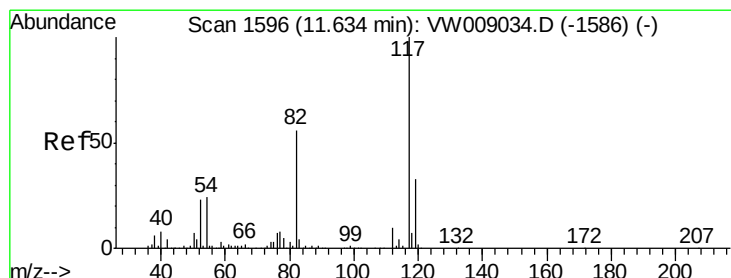
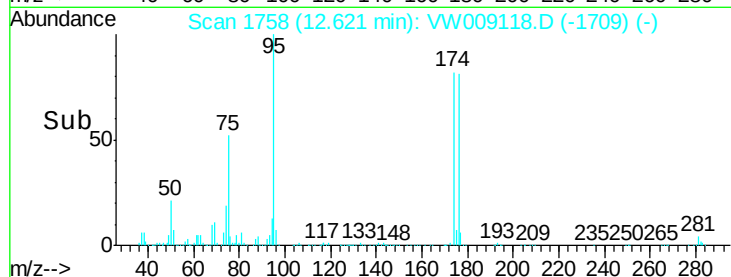
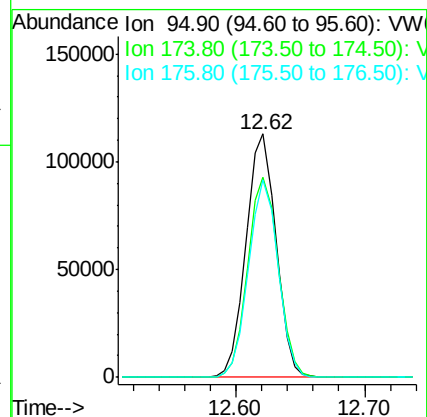
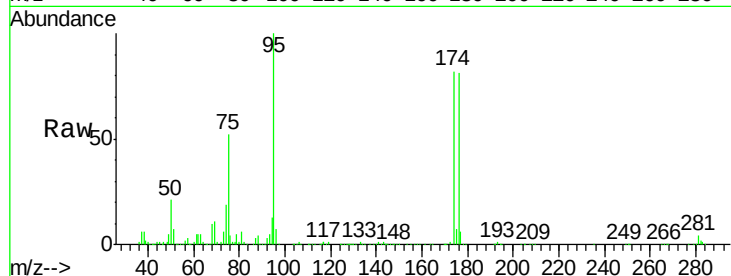
Tot Ion: 95 Resp: 180942

Ion Ratio Lower Upper

95 100

174 83.9 0.0 167.0

176 80.1 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: VW009118.D

Acq: 12 Mar 2019 07:05

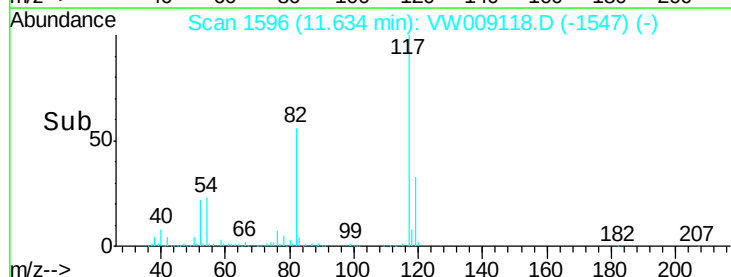
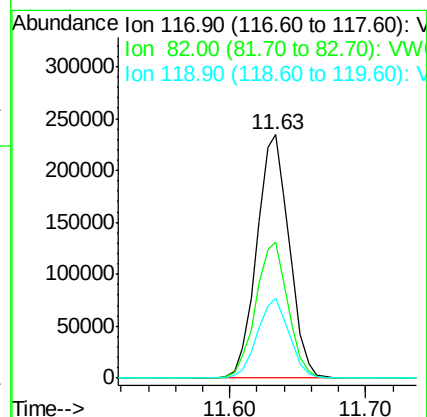
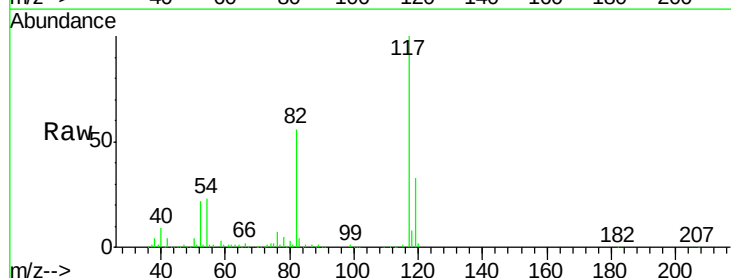
Tgt Ion: 117 Resp: 391291

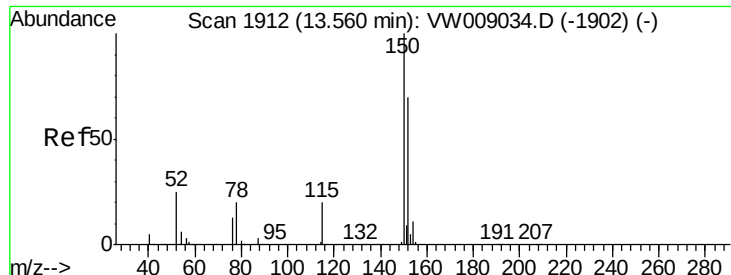
Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.6

119 32.9 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: VW009118.D

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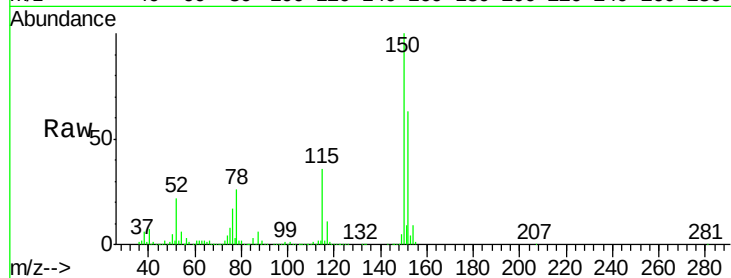
Tot Ion:152 Resp: 185638

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 157.2 0.0 349.2



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

