

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040419\
 Data File : VW009688.D
 Acq On : 04 Apr 2019 11:27
 Operator : SY/VA
 Sample : K2189-10RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB201R-GW-758-760RE

Quant Time: Apr 05 08:08:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

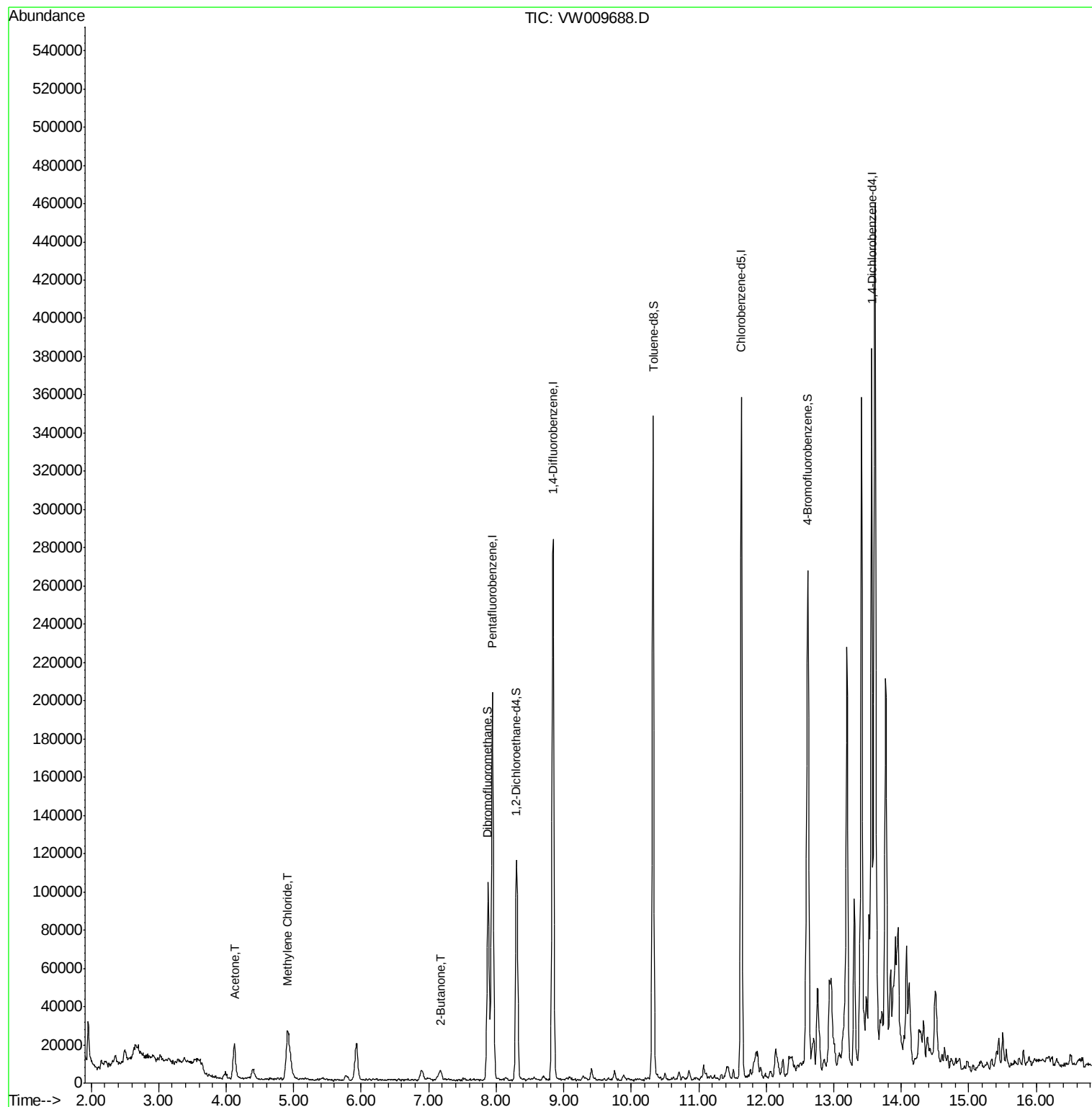
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	219969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	186141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	93334	58.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.34%	
35) Dibromofluoromethane	7.88	113	70164	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.32	98	215298	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
62) 4-Bromofluorobenzene	12.62	95	75099	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
Target Compounds						
16) Acetone	4.12	43	33952	94.111	ug/l #	88
20) Methylene Chloride	4.90	84	23694	13.944	ug/l	92
25) 2-Butanone	7.18	43	6817	13.674	ug/l	93

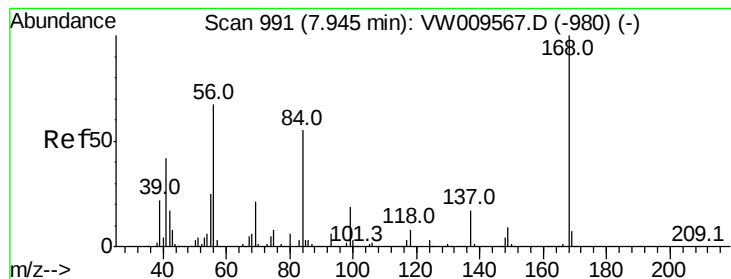
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009688.D

Acq: 04 Apr 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

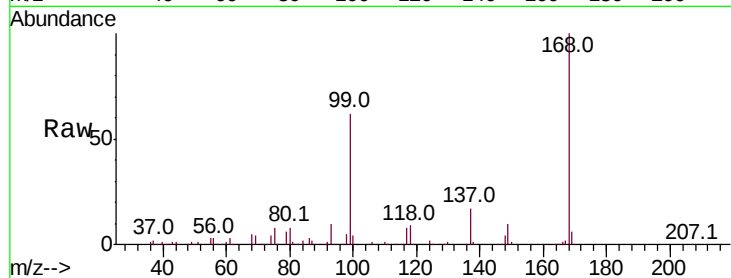
BP-VPB201R-GW-758-760RE

Tot Ion:168 Resp: 140317

Ion Ratio Lower Upper

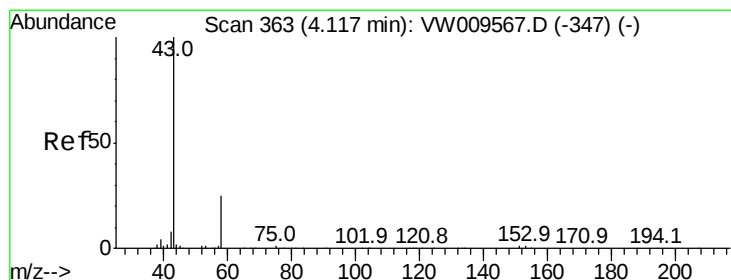
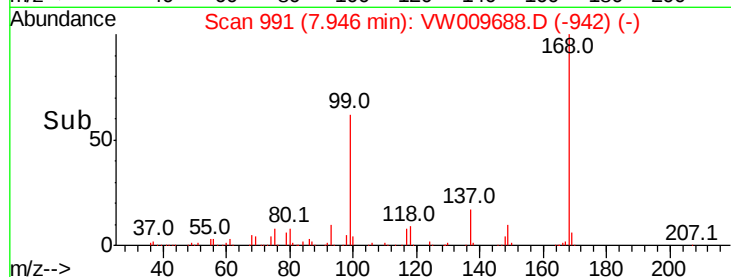
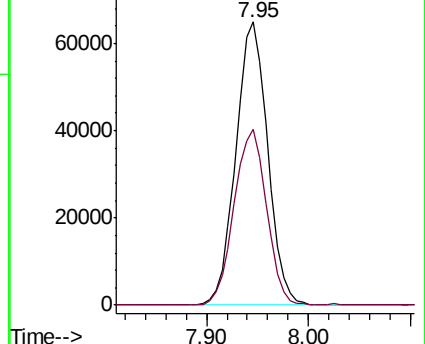
168 100

99 61.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 94.111 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009688.D

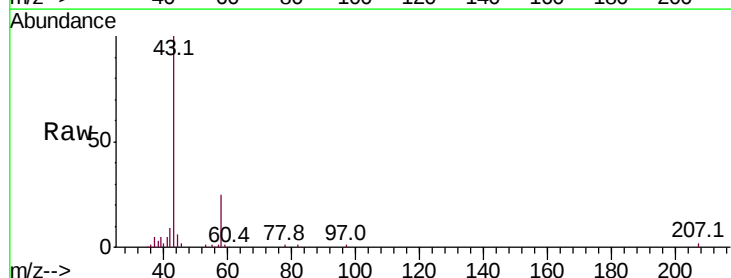
Acq: 04 Apr 2019 11:27

Tgt Ion: 43 Resp: 33952

Ion Ratio Lower Upper

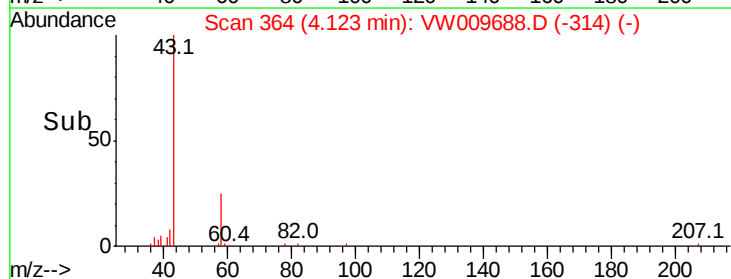
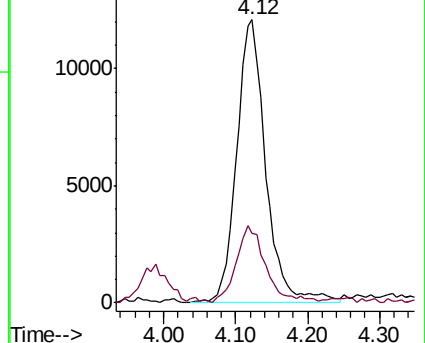
43 100

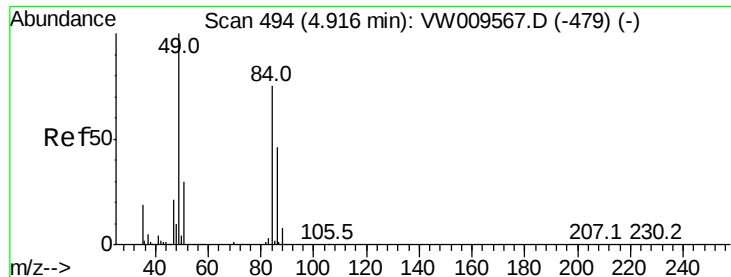
58 23.3 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 13.944 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009688.D

Acq: 04 Apr 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB201R-GW-758-760RE

Tot Ion: 84 Resp: 23694

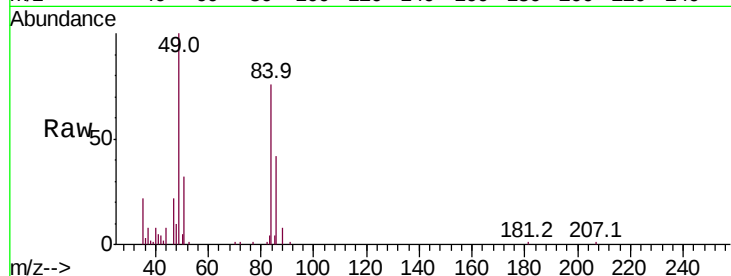
Ion Ratio Lower Upper

84 100

49 132.2 99.1 148.7

51 41.8 28.7 43.1

86 56.0 50.5 75.7

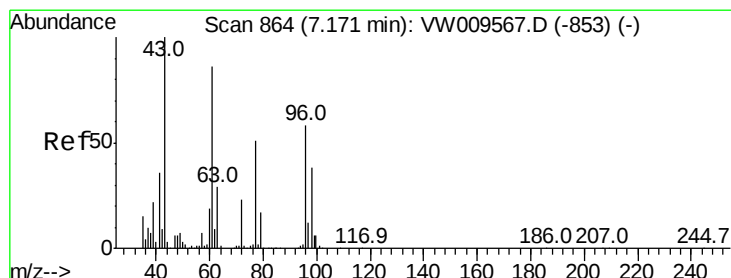
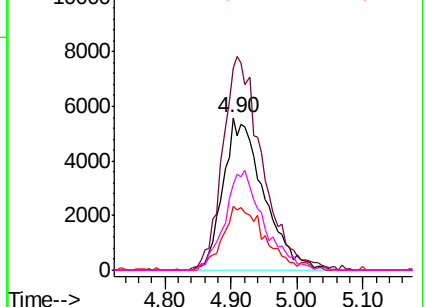
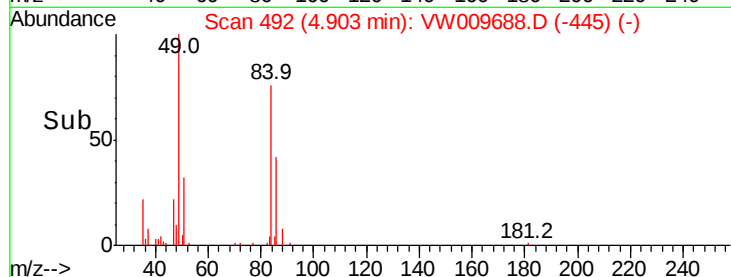


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 13.674 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009688.D

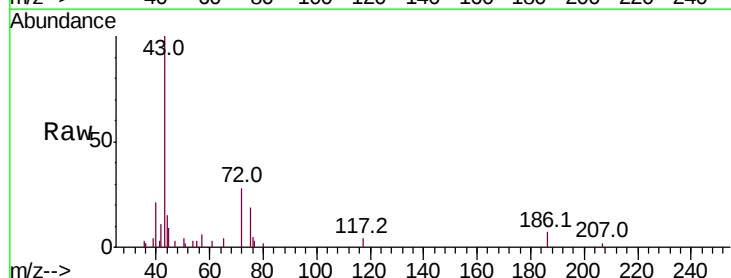
Acq: 04 Apr 2019 11:27

Tgt Ion: 43 Resp: 6817

Ion Ratio Lower Upper

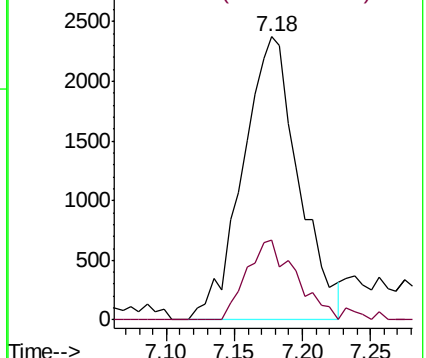
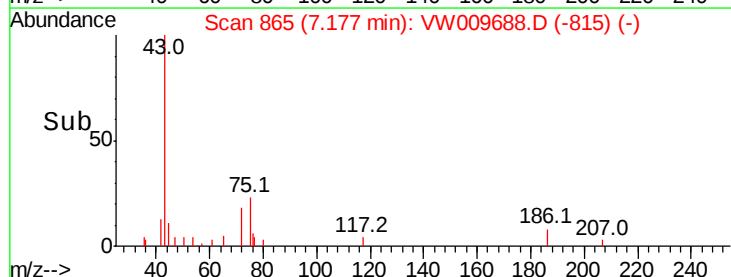
43 100

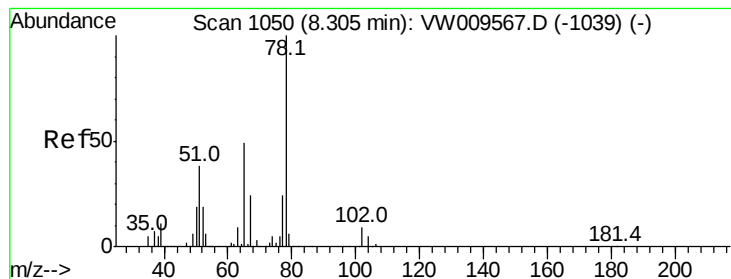
72 28.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 58.167 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009688.D

Acq: 04 Apr 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

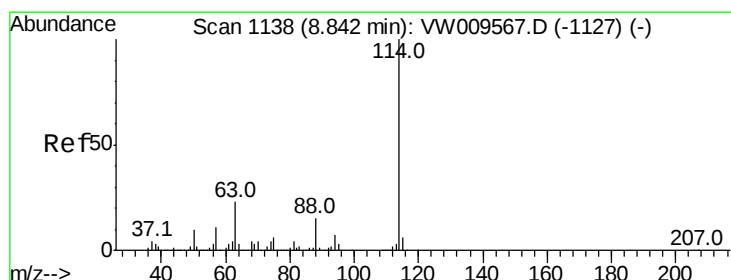
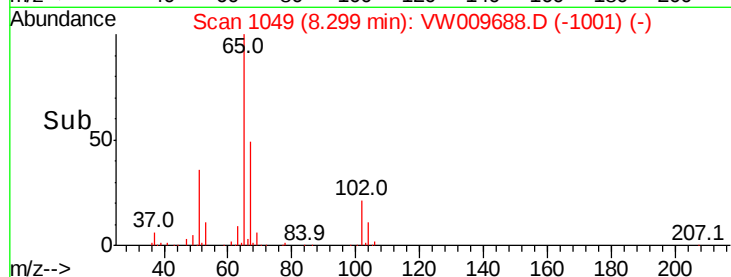
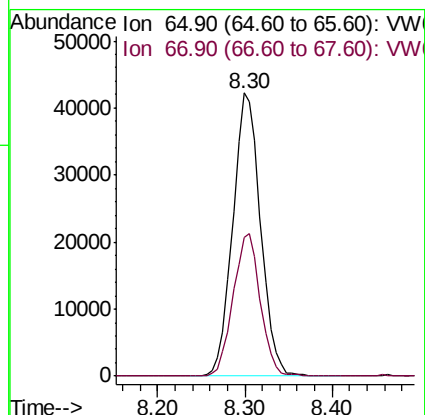
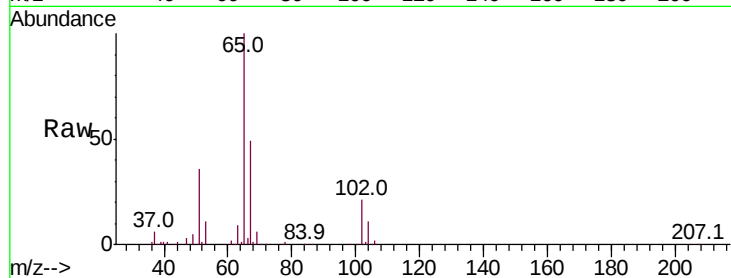
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Tot Ion: 65 Resp: 93334

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009688.D

Acq: 04 Apr 2019 11:27

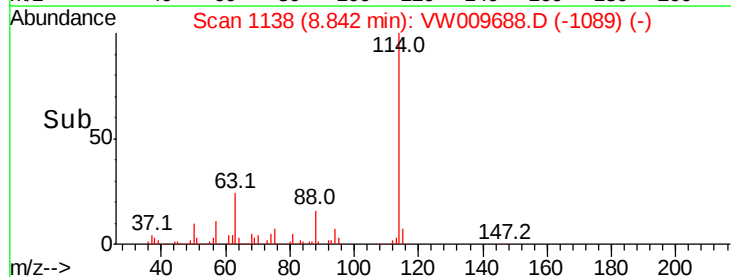
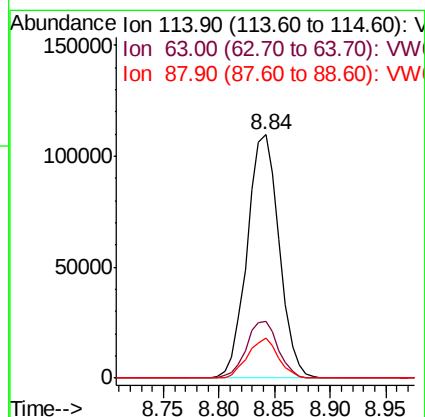
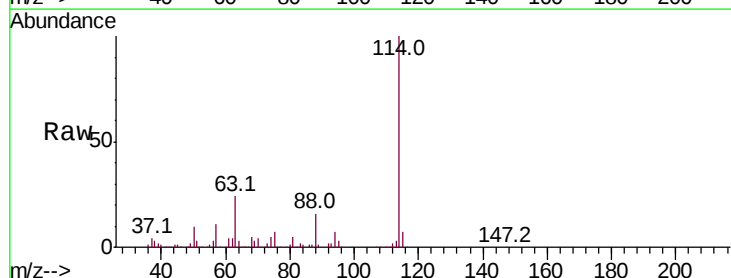
Tgt Ion: 114 Resp: 219969

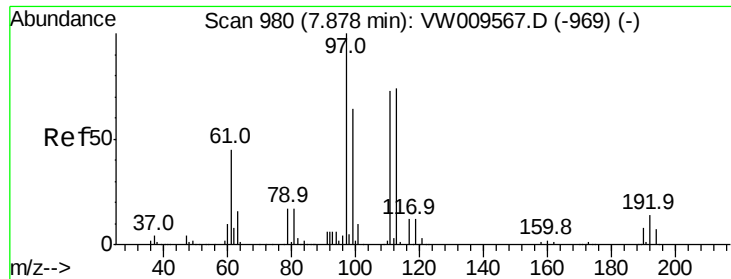
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 16.4 0.0 30.8

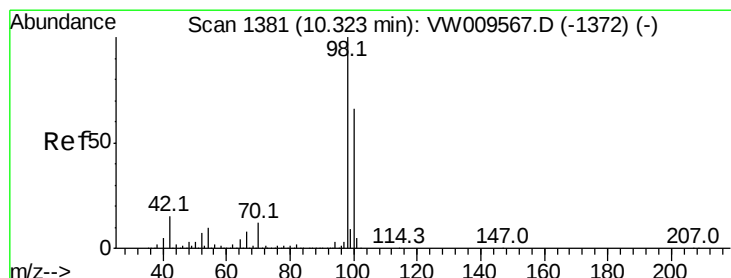
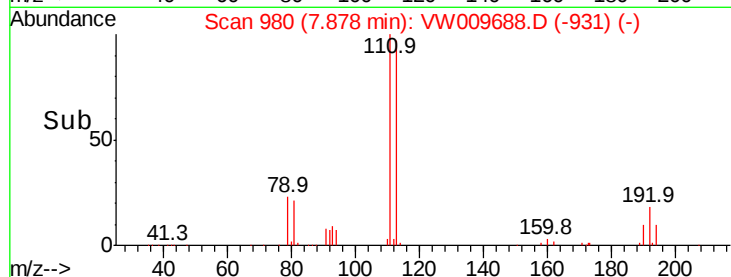
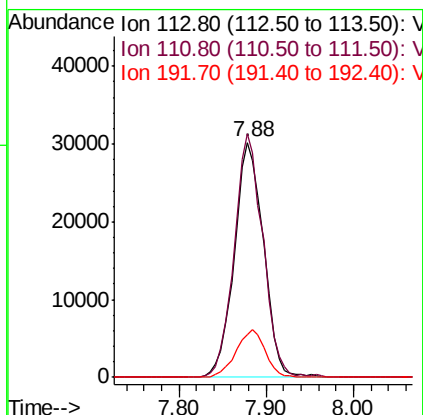
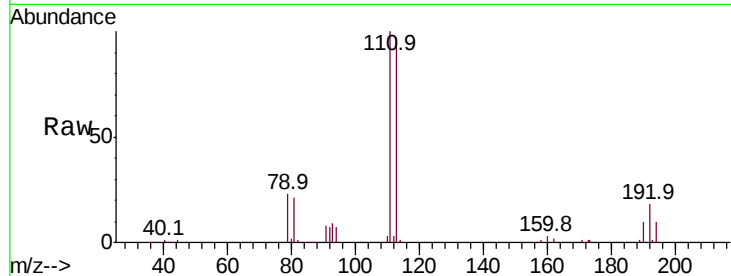




#35
 Dibromofluoromethane
 Concen: 50.785 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW009688.D
 Acq: 04 Apr 2019 11:27

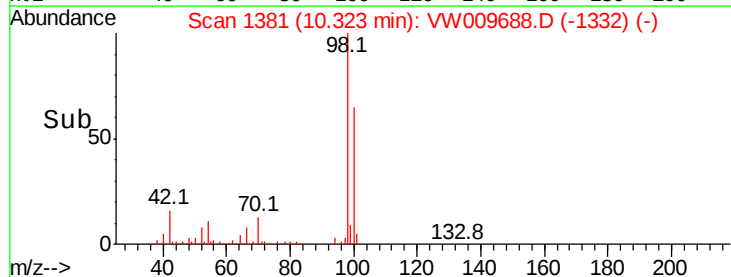
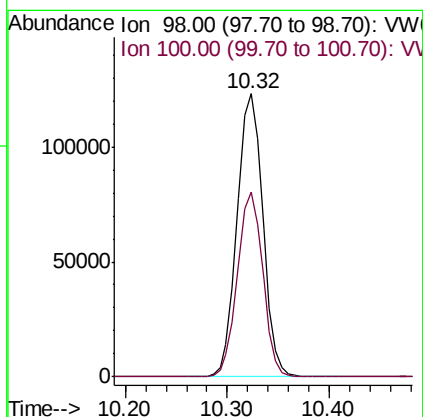
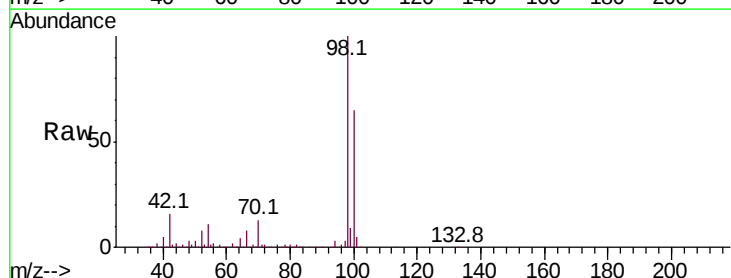
Instrument :
 MSVOA_W
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 BP-VPB201R-GW-758-760RE

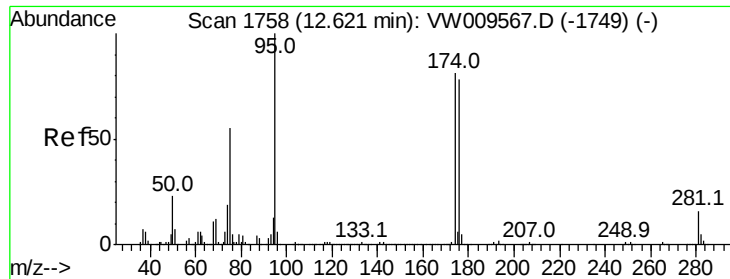
Tot Ion:113 Resp: 70164
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 124.0
 192 20.1 16.4 24.6



#50
 Toluene-d8
 Concen: 42.162 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009688.D
 Acq: 04 Apr 2019 11:27

Tgt Ion: 98 Resp: 215298
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 79.0

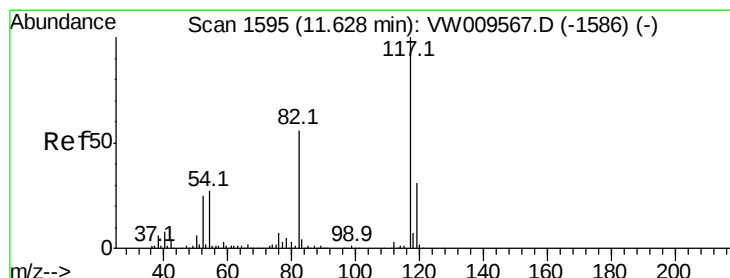
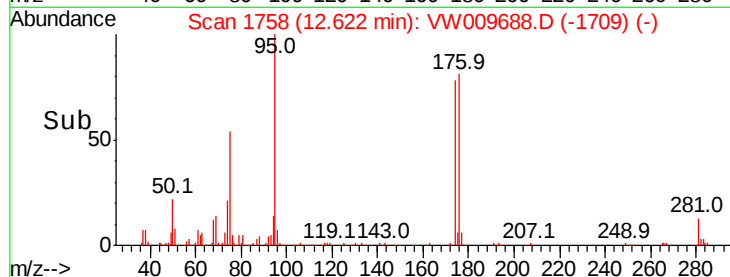
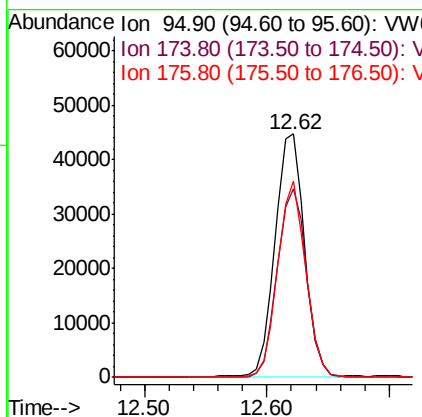
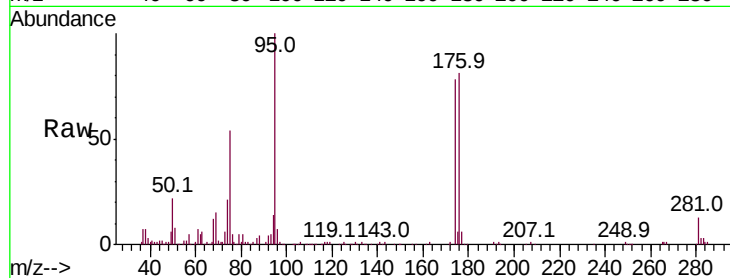




#62
4-Bromofluorobenzene
Concen: 39.422 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009688.D
Acq: 04 Apr 2019 11:27

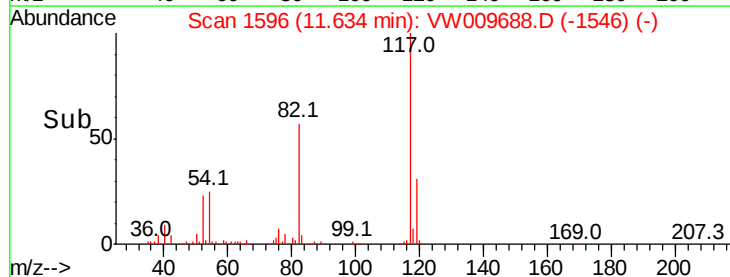
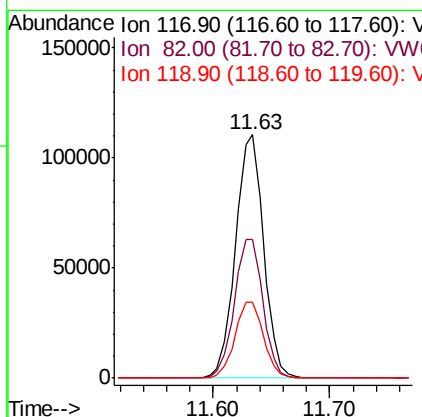
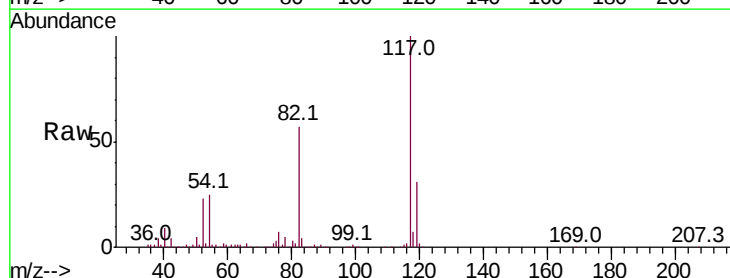
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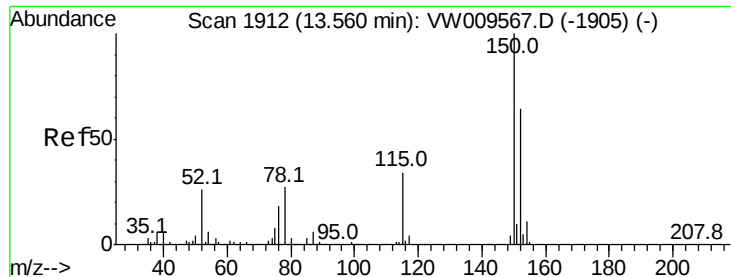
Tot Ion: 95 Resp: 75099
Ion Ratio Lower Upper
95 100
174 77.1 0.0 168.4
176 76.4 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009688.D
Acq: 04 Apr 2019 11:27

Tgt Ion: 117 Resp: 186141
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 31.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009688.D

Acq: 04 Apr 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB201R-GW-758-760RE

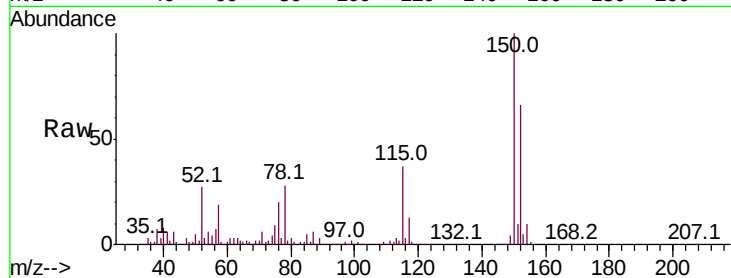
Tot Ion:152 Resp: 76876

Ion Ratio Lower Upper

152 100

115 60.1 29.6 88.8

150 159.5 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

