

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008894.D
 Acq On : 28 Feb 2019 18:16
 Operator : SY/VA
 Sample : K1650-05
 Misc : 5.99G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(9-10)

Quant Time: Mar 01 07:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

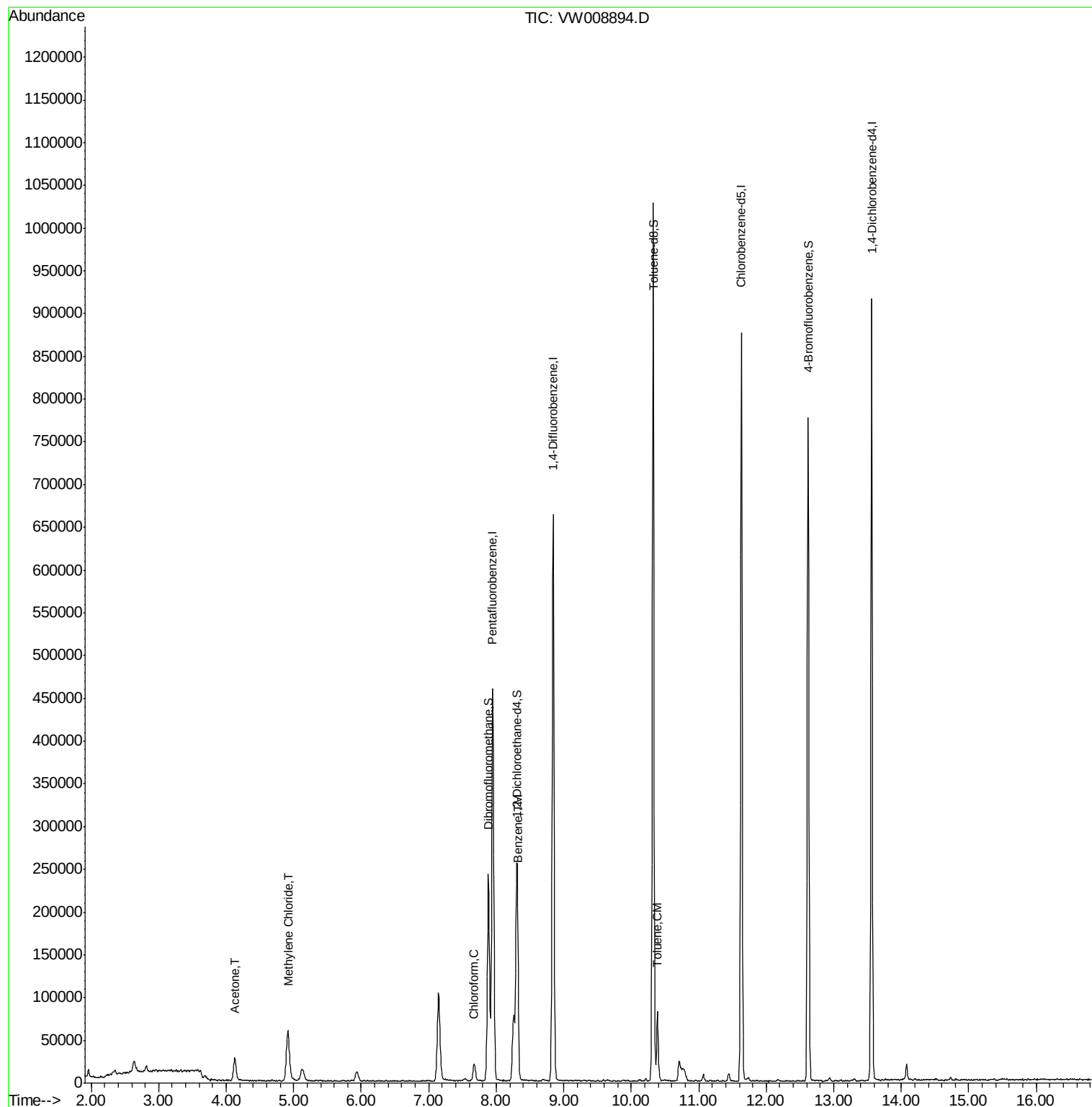
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	540742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191713	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
35) Dibromofluoromethane	7.88	113	160156	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.32	98	642006	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.62	95	220222	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	4.12	43	47861	62.626	ug/l	95
20) Methylene Chloride	4.92	84	45300	7.712	ug/l	92
30) Chloroform	7.67	83	17532	2.783	ug/l	99
40) Benzene	8.32	78	16142	1.123	ug/l #	88
52) Toluene	10.39	92	33589	3.444	ug/l	100

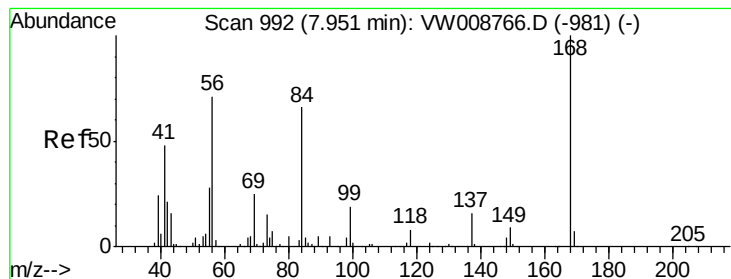
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 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: VW008894.D

Acq: 28 Feb 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

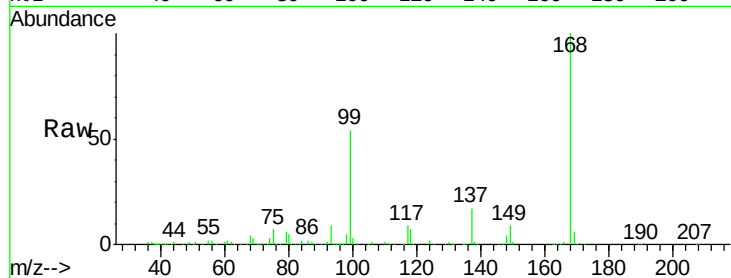
B-2(9-10)

Tot Ion:168 Resp: 351535

Ion Ratio Lower Upper

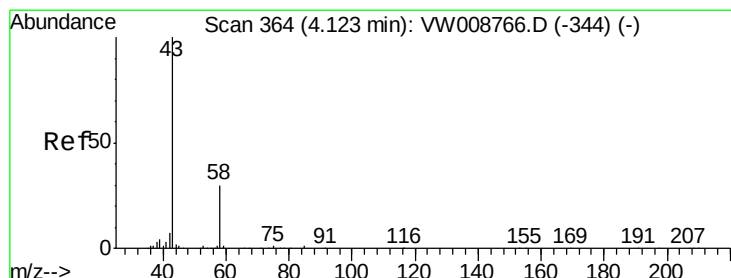
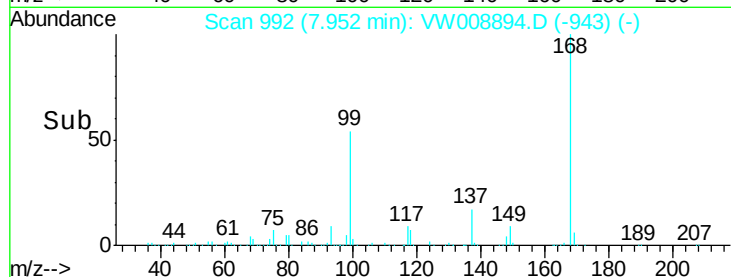
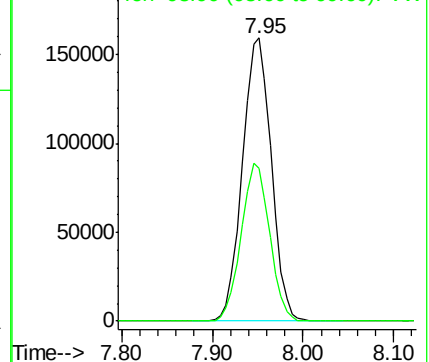
168 100

99 53.8 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: 62.626 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008894.D

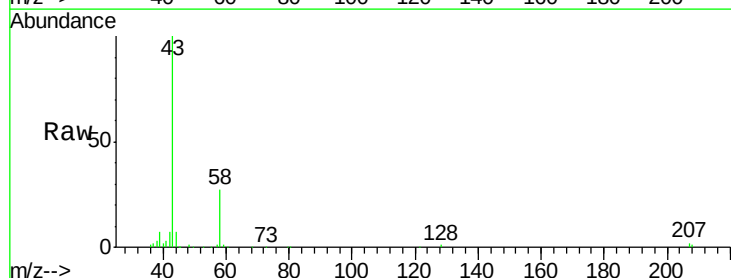
Acq: 28 Feb 2019 18:16

Tgt Ion: 43 Resp: 47861

Ion Ratio Lower Upper

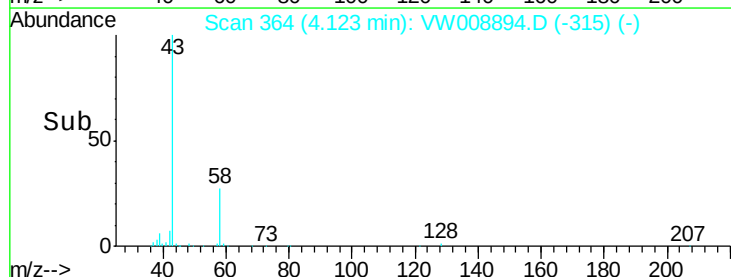
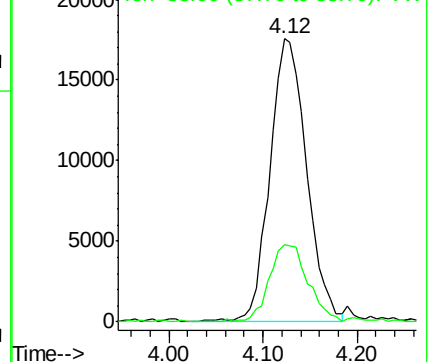
43 100

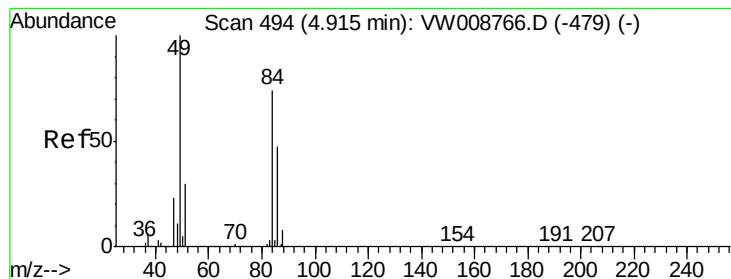
58 27.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 7.712 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008894.D

Acq: 28 Feb 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

B-2(9-10)

Tot Ion: 84 Resp: 45300

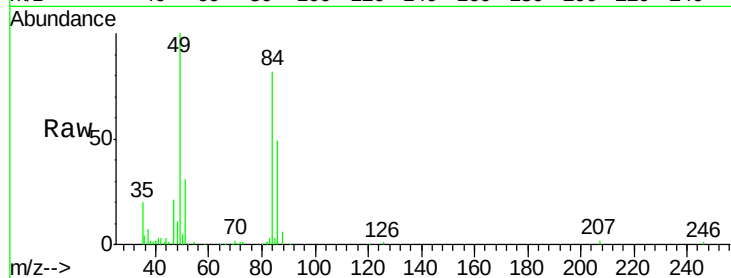
Ion Ratio Lower Upper

84 100

49 122.1 108.2 162.2

51 37.6 32.7 49.1

86 60.0 50.3 75.5



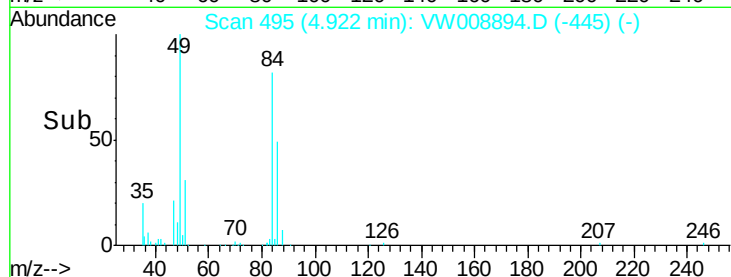
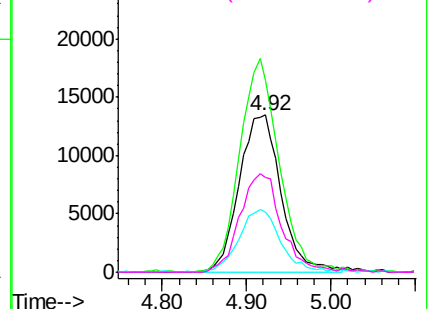
Abundance

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



#30

Chloroform

Concen: 2.783 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008894.D

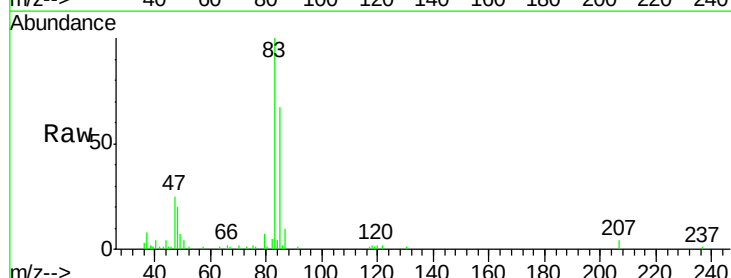
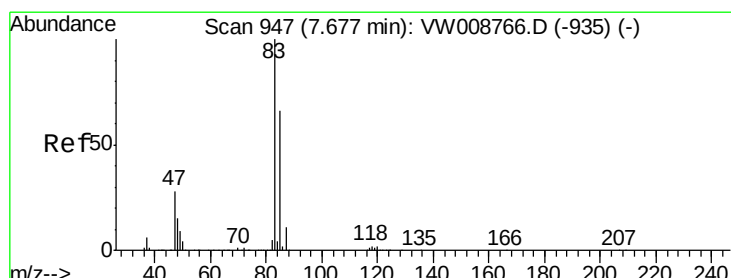
Acq: 28 Feb 2019 18:16

Tgt Ion: 83 Resp: 17532

Ion Ratio Lower Upper

83 100

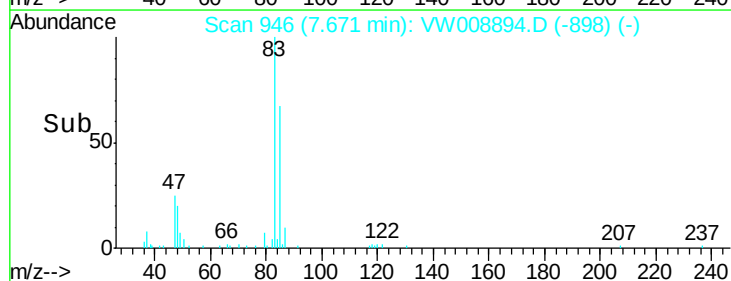
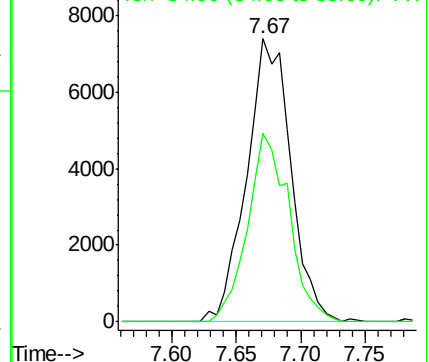
85 66.7 52.6 79.0

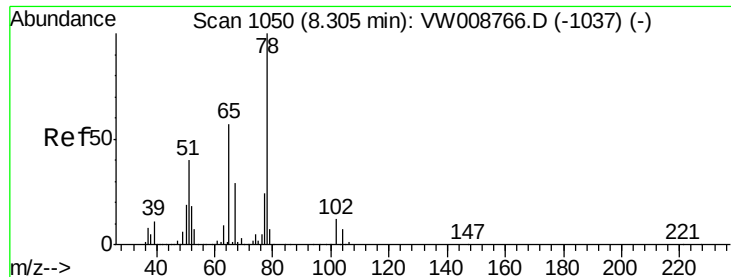


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

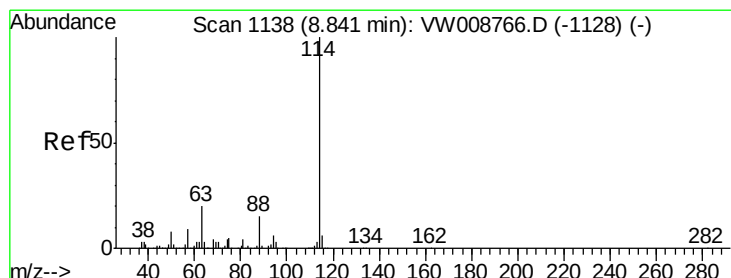
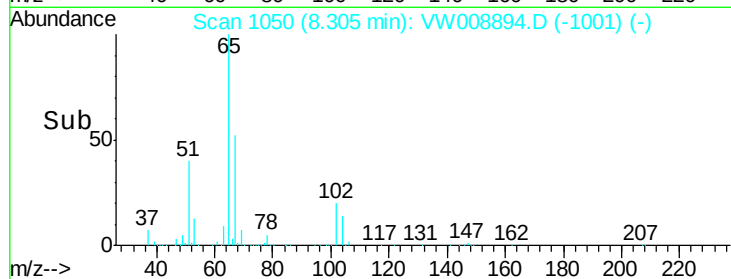
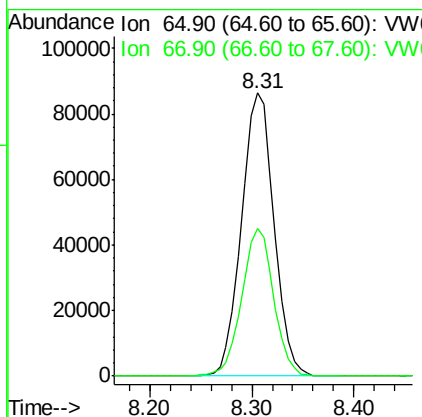
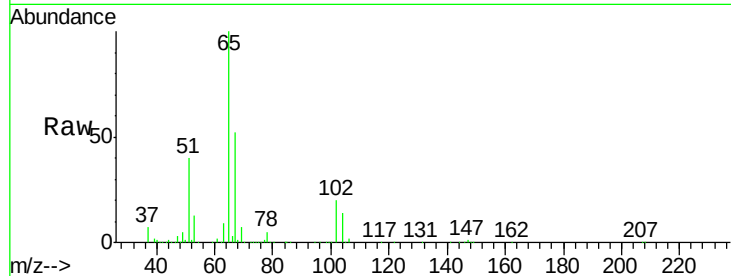




#33
 1,2-Dichloroethane-d4
 Concen: 58.146 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008894.D
 Acq: 28 Feb 2019 18:16

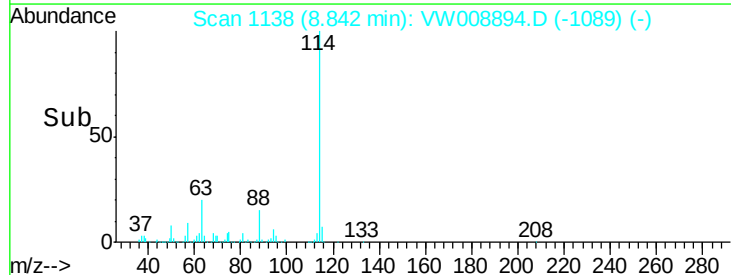
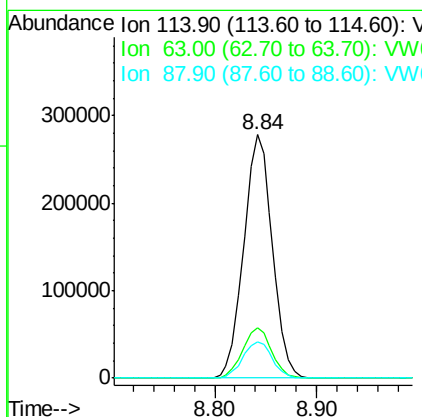
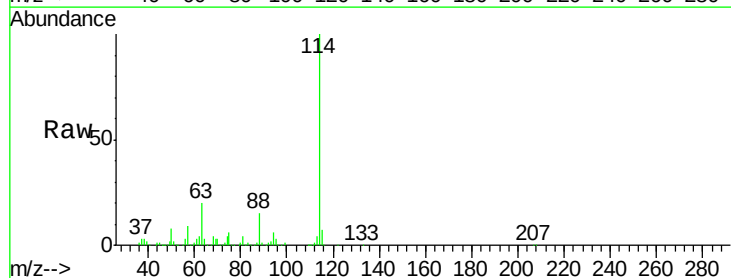
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(9-10)

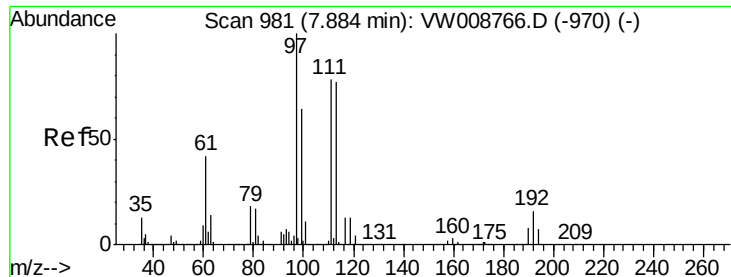
Tot Ion: 65 Resp: 191713
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008894.D
 Acq: 28 Feb 2019 18:16

Tgt Ion: 114 Resp: 540742
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.0 0.0 30.4

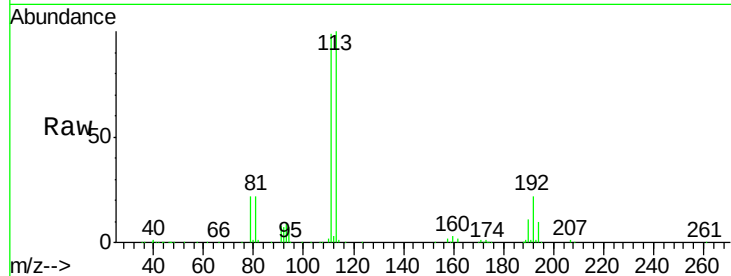




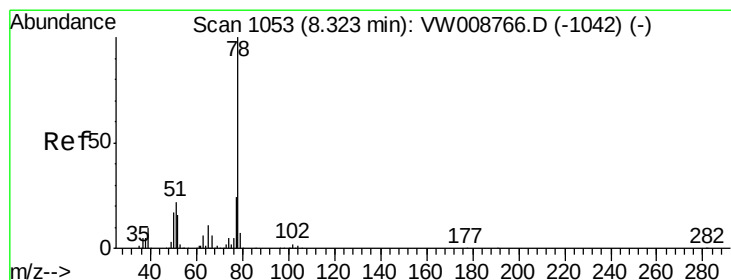
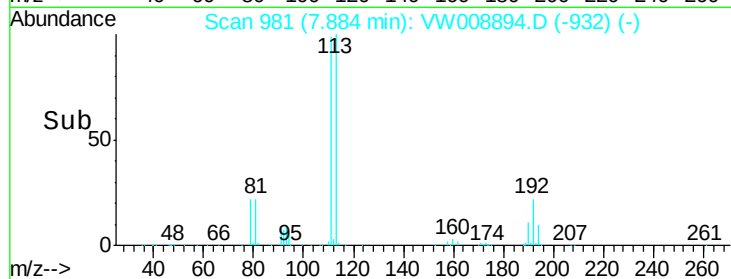
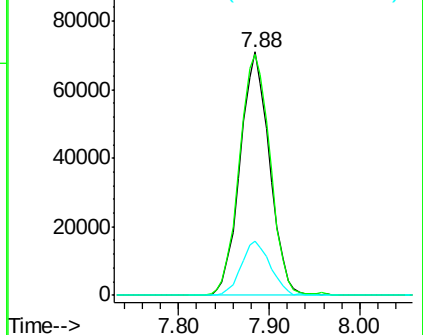
#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008894.D
 Acq: 28 Feb 2019 18:16

Instrument :
 MSVOA_W
 ClientSampled :
 B-2(9-10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	22.0	17.1	25.7

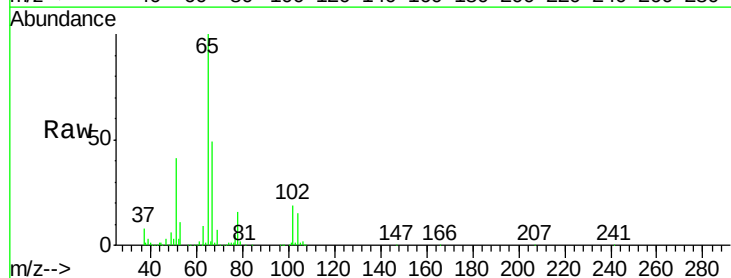


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

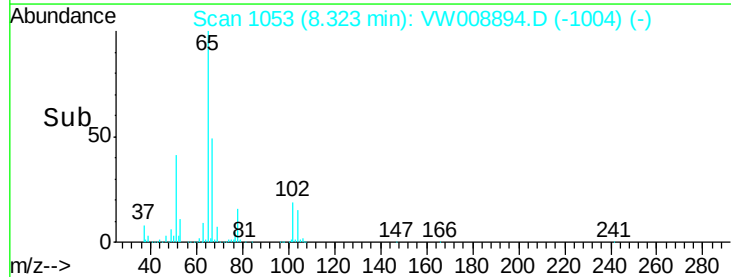
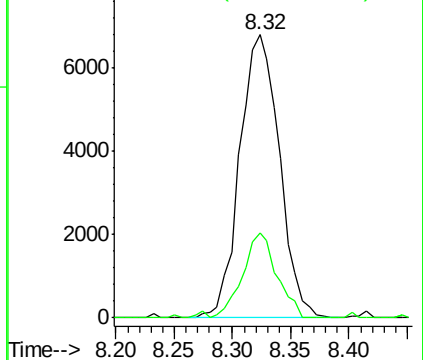


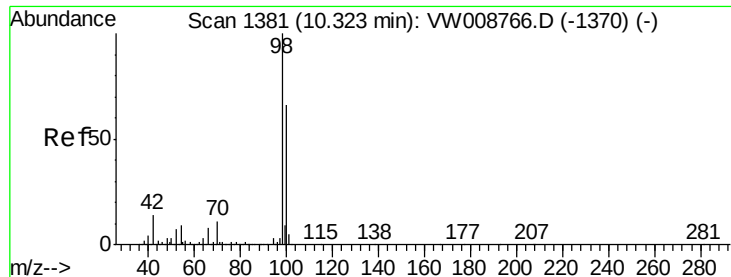
#40
 Benzene
 Concen: 1.123 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW008894.D
 Acq: 28 Feb 2019 18:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.0	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008894.D

Acq: 28 Feb 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

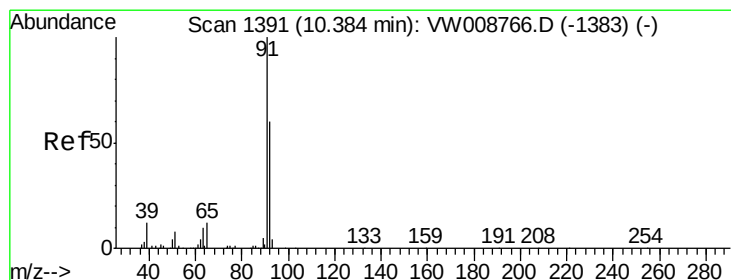
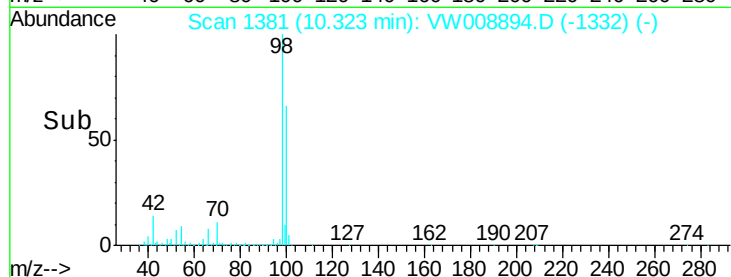
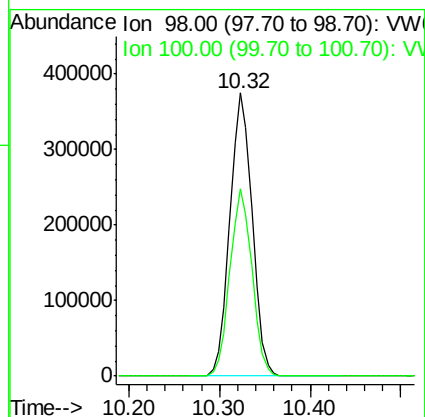
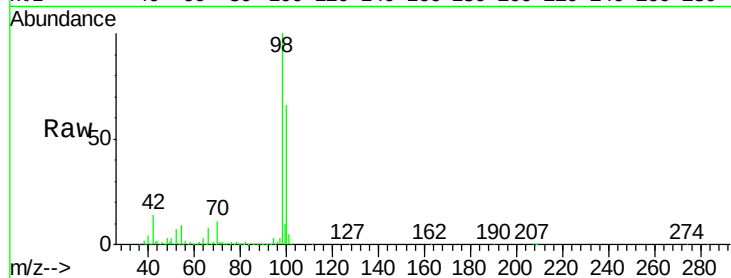
B-2(9-10)

Tot Ion: 98 Resp: 642006

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#52

Toluene

Concen: 3.444 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008894.D

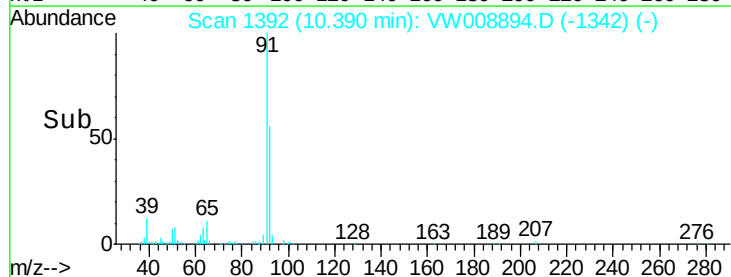
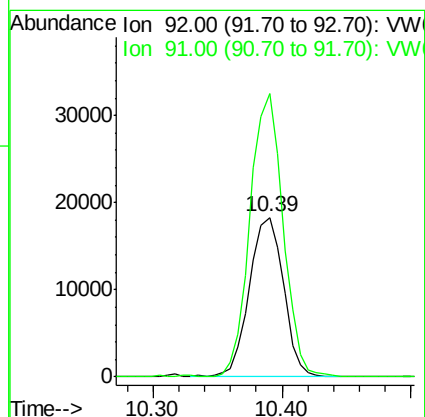
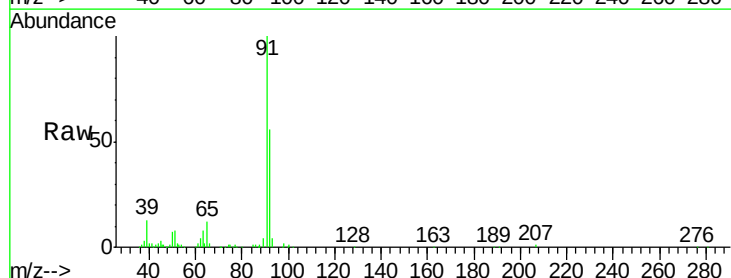
Acq: 28 Feb 2019 18:16

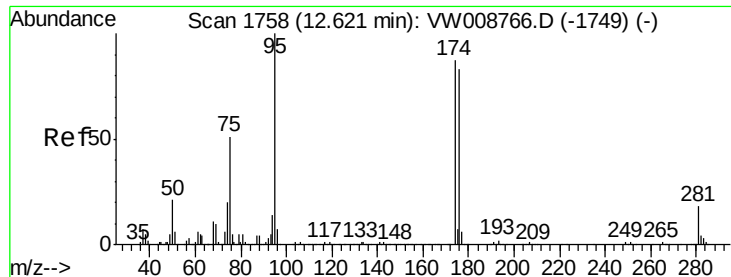
Tgt Ion: 92 Resp: 33589

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 44.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008894.D

Acq: 28 Feb 2019 18:16

Instrument :

MSVOA_W

ClientSampled :

B-2(9-10)

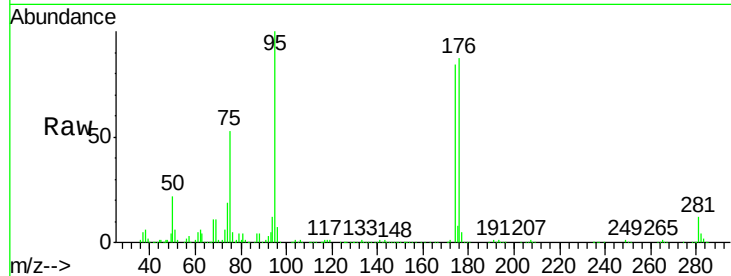
Tot Ion: 95 Resp: 220222

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.2

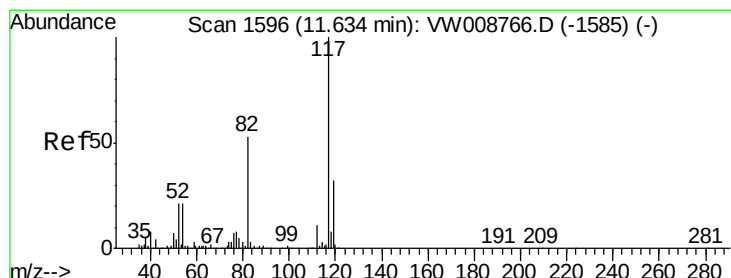
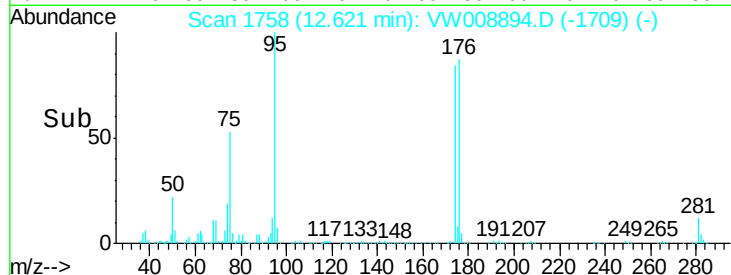
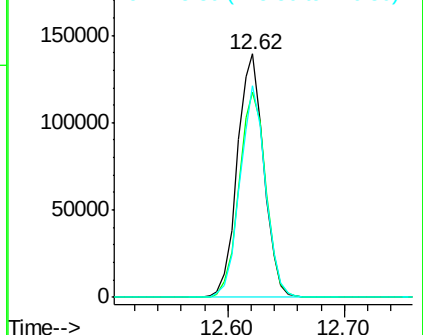
176 83.5 0.0 163.6



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: VW008894.D

Acq: 28 Feb 2019 18:16

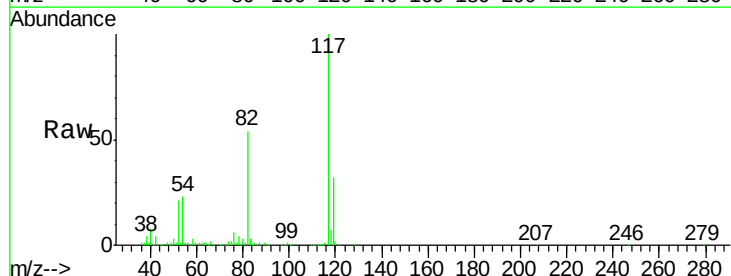
Tgt Ion: 117 Resp: 480637

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

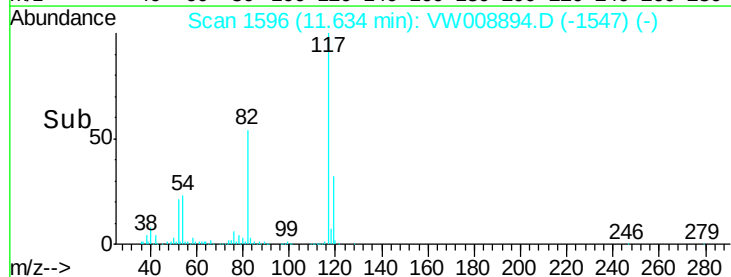
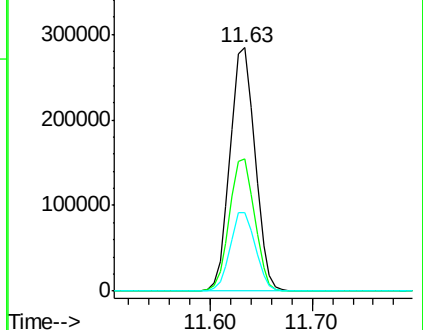
119 32.2 25.9 38.9

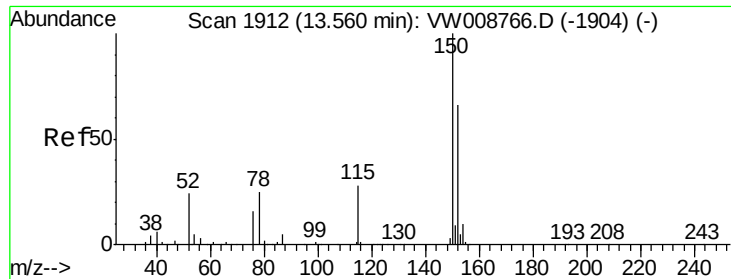


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008894.D

Acq: 28 Feb 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

B-2(9-10)

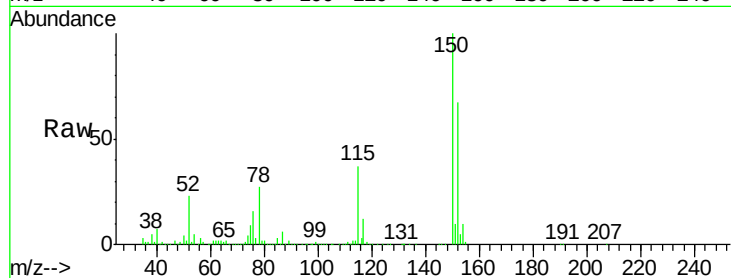
Tot Ion:152 Resp: 230796

Ion Ratio Lower Upper

152 100

115 56.9 28.6 85.8

150 154.8 0.0 348.0



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

