

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008593.D
 Acq On : 11 Feb 2019 13:21
 Operator : SY/VA
 Sample : K1404-08RE
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-SS4-10.0-10.5RE

Quant Time: Feb 12 04:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

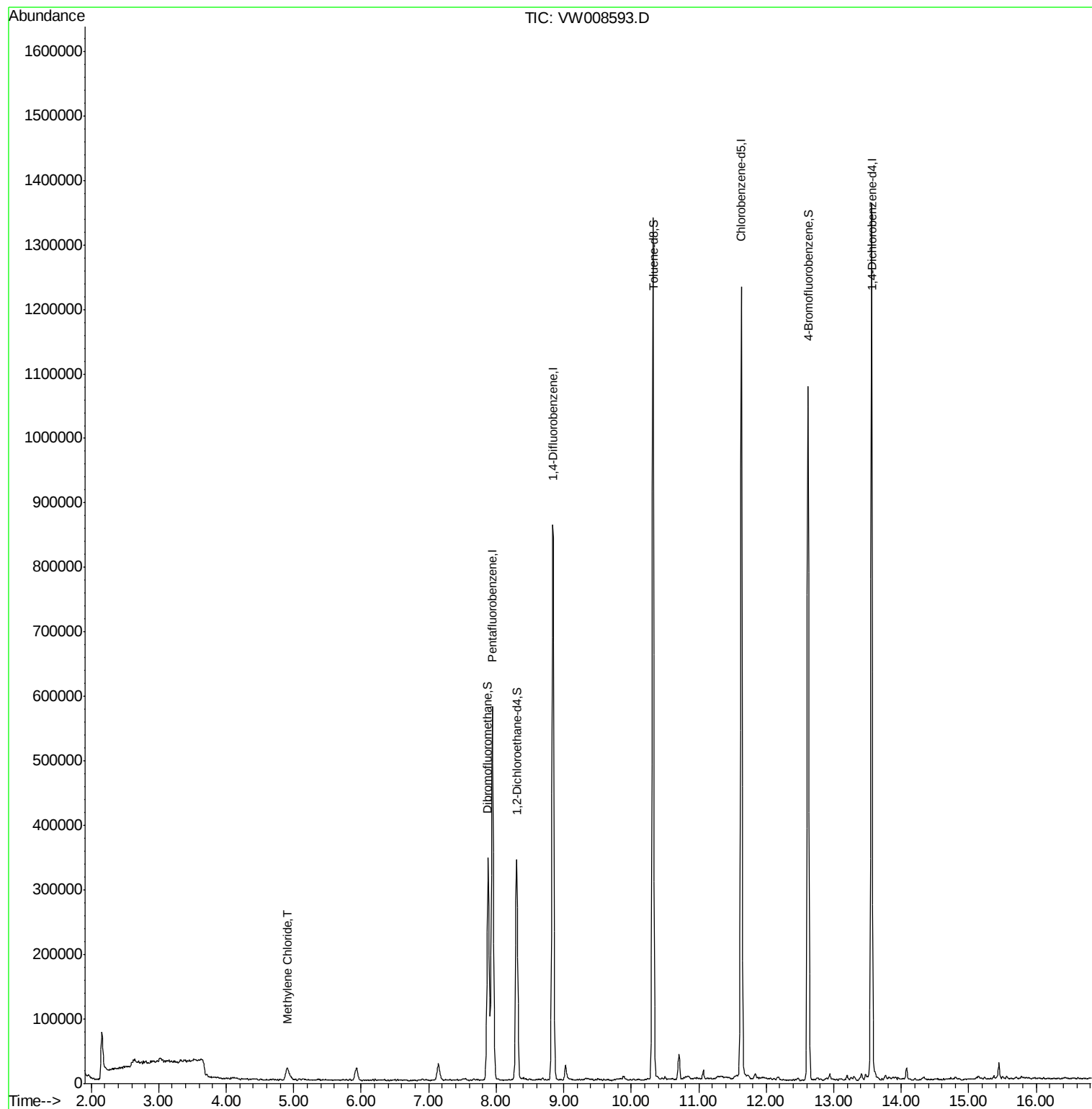
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	441125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	719908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	671879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	341933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	261977	60.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.90%	
35) Dibromofluoromethane	7.88	113	232705	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
50) Toluene-d8	10.32	98	860586	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	332717	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
Target Compounds						
20) Methylene Chloride	4.91	84	15873	3.539	ug/l	Qvalue 95

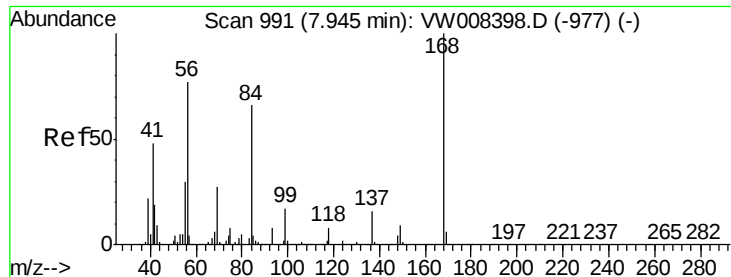
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008593.D

Acq: 11 Feb 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

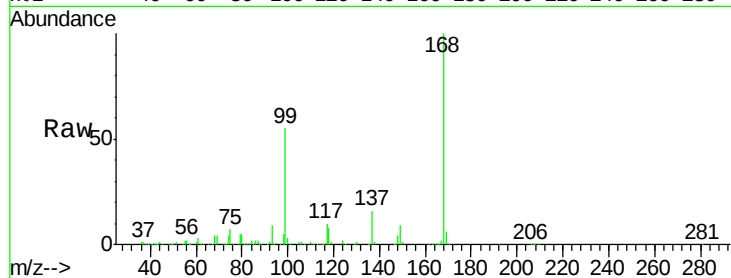
A0C12-SS4-10.0-10.5RE

Tot Ion:168 Resp: 441125

Ion Ratio Lower Upper

168 100

99 55.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

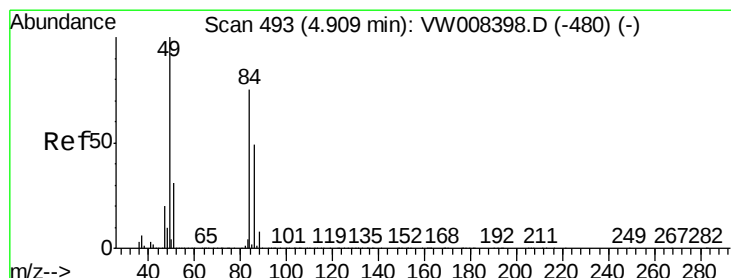
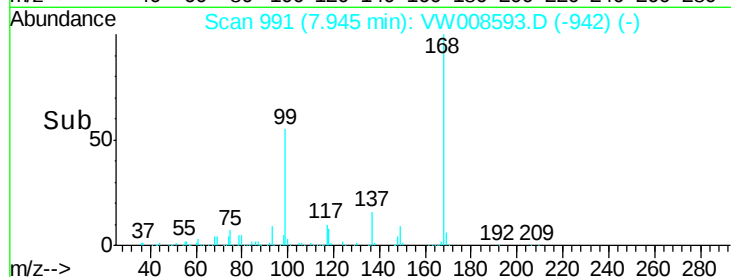
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.539 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008593.D

Acq: 11 Feb 2019 13:21

Tgt Ion: 84 Resp: 15873

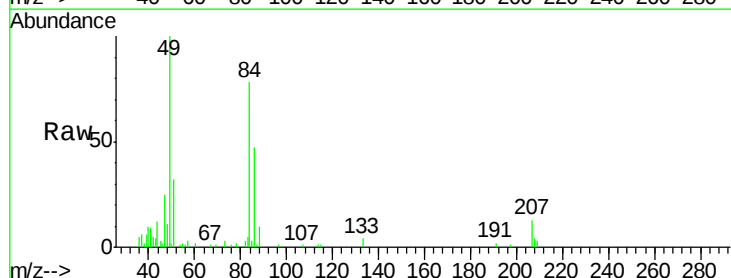
Ion Ratio Lower Upper

84 100

49 126.7 106.8 160.2

51 41.7 32.9 49.3

86 60.7 52.2 78.2



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

8000

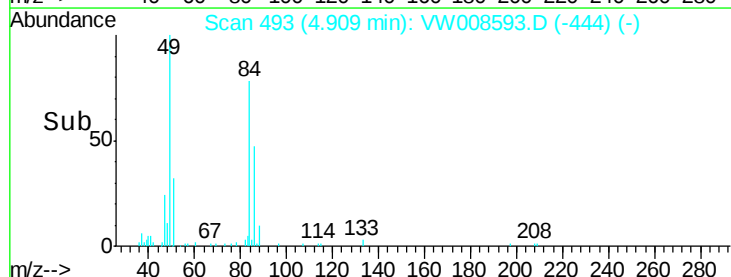
6000

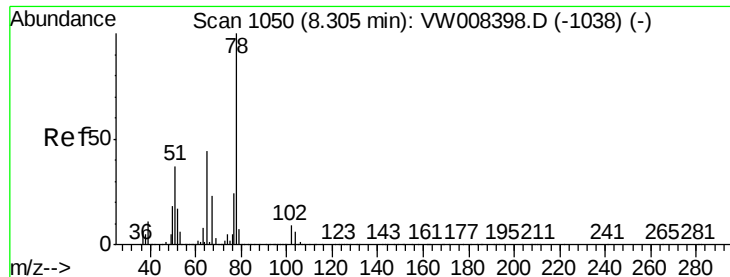
4000

2000

0

Time-->

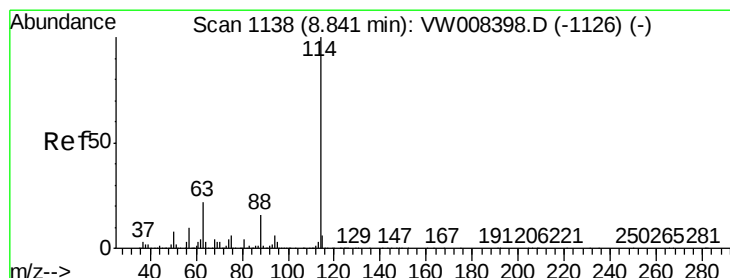
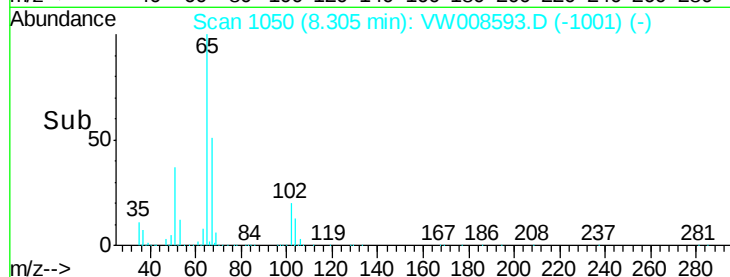
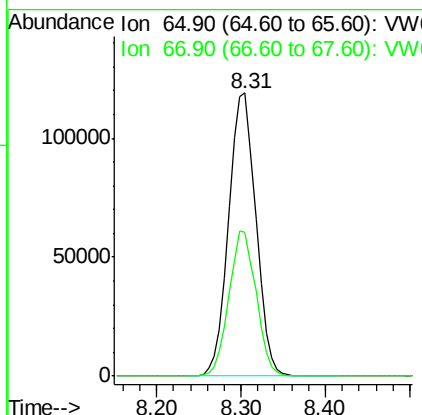
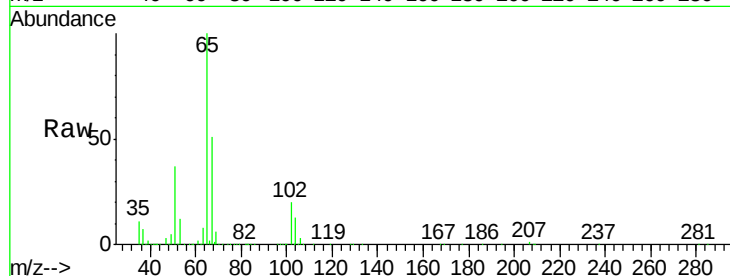




#33
 1,2-Dichloroethane-d4
 Concen: 60.452 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008593.D
 Acq: 11 Feb 2019 13:21

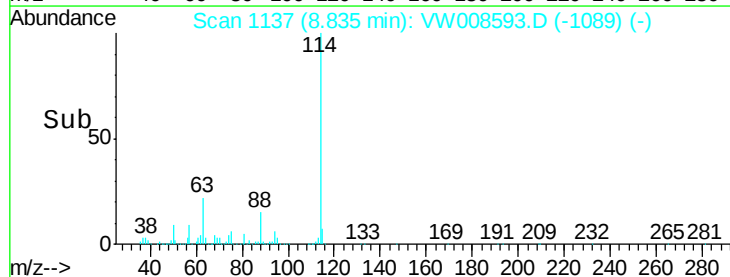
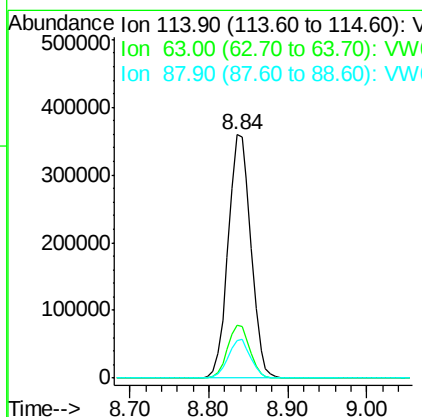
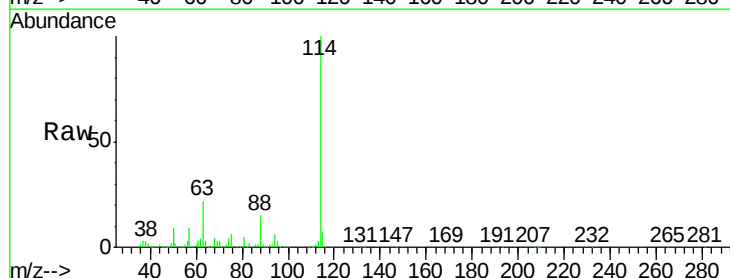
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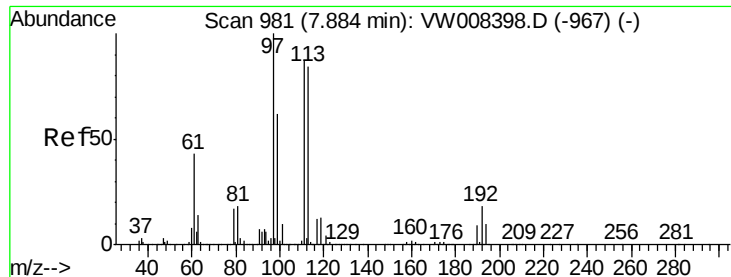
Tot Ion: 65 Resp: 261977
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008593.D
 Acq: 11 Feb 2019 13:21

Tgt Ion: 114 Resp: 719908
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.6
 88 15.4 0.0 31.8

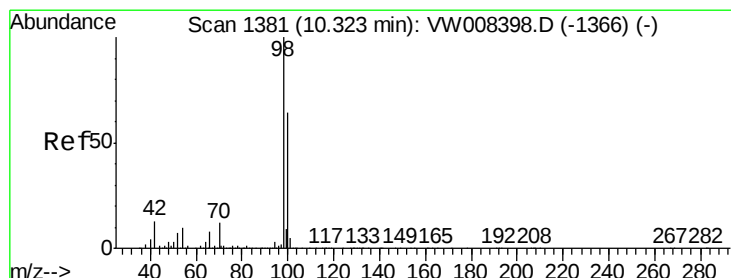
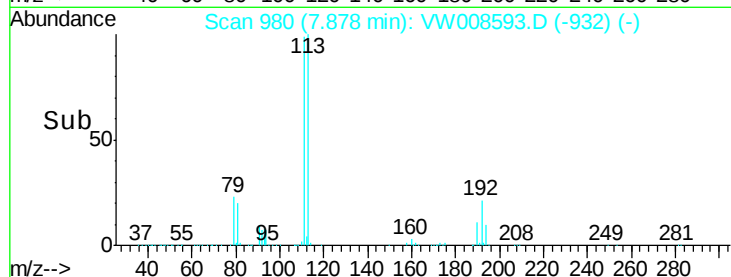
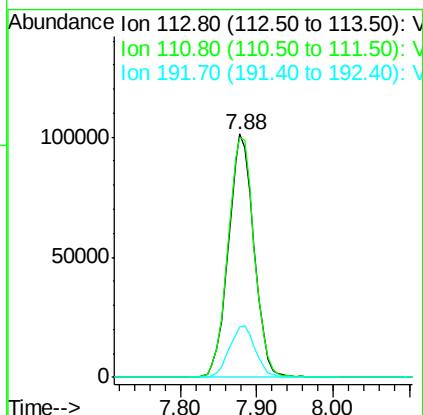
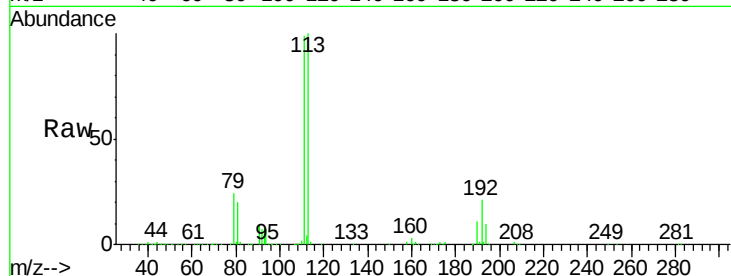




#35
 Dibromofluoromethane
 Concen: 55.280 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008593.D
 Acq: 11 Feb 2019 13:21

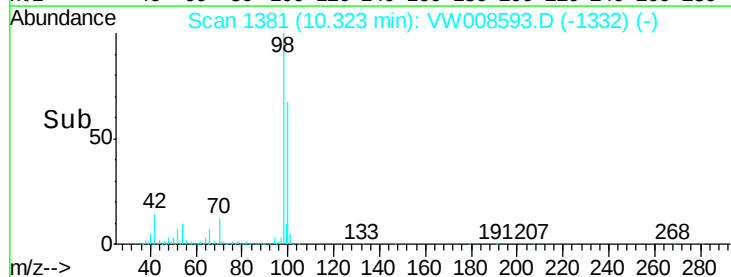
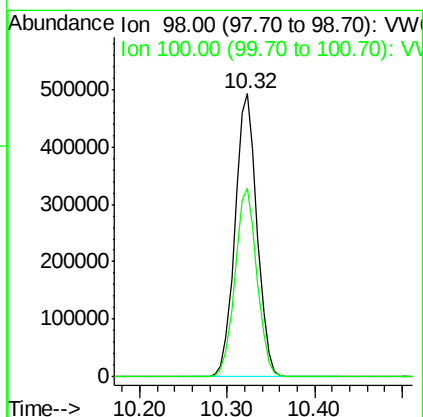
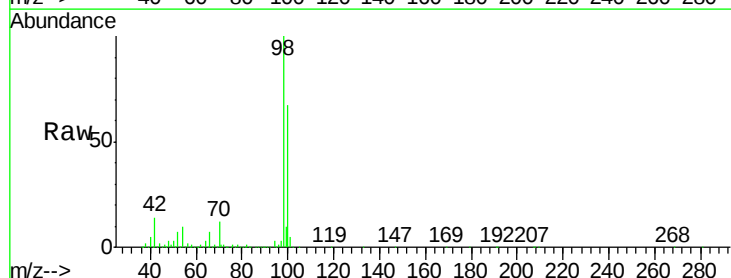
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-SS4-10.0-10.5RE

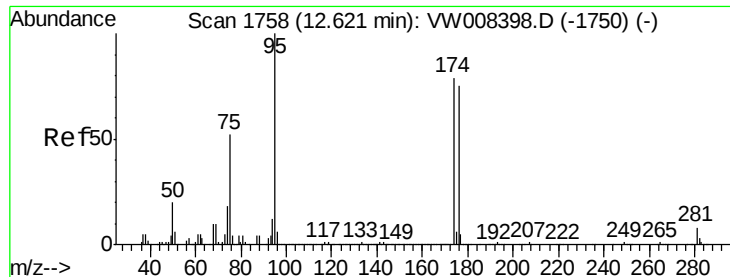
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	21.5	16.8	25.2



#50
 Toluene-d8
 Concen: 50.981 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008593.D
 Acq: 11 Feb 2019 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 51.277 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008593.D

Acq: 11 Feb 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

A0C12-SS4-10.0-10.5RE

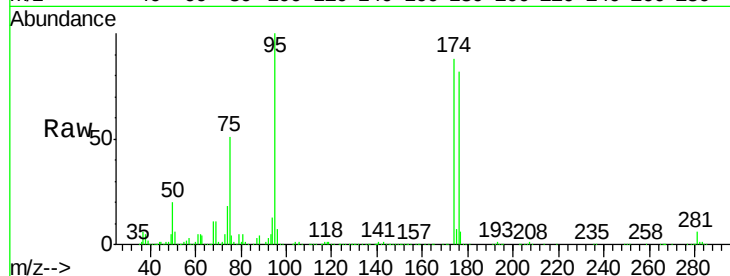
Tot Ion: 95 Resp: 332717

Ion Ratio Lower Upper

95 100

174 85.0 0.0 157.6

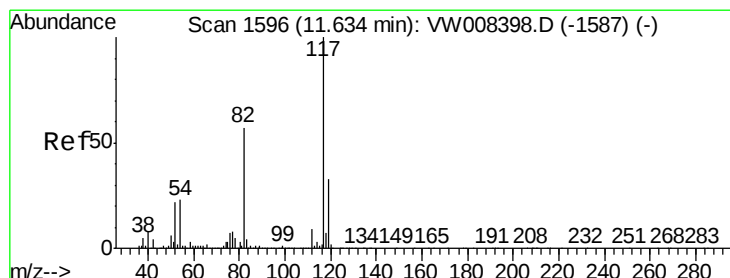
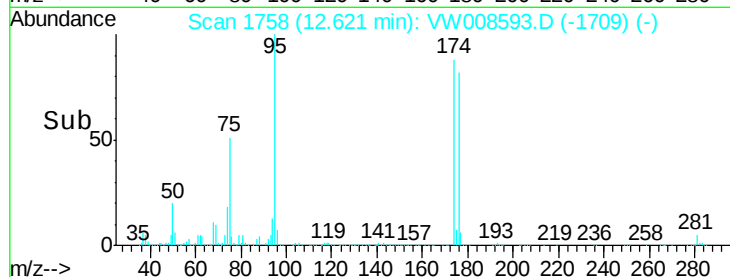
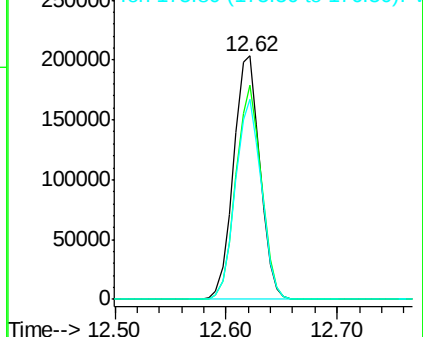
176 81.5 0.0 151.8



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: VW008593.D

Acq: 11 Feb 2019 13:21

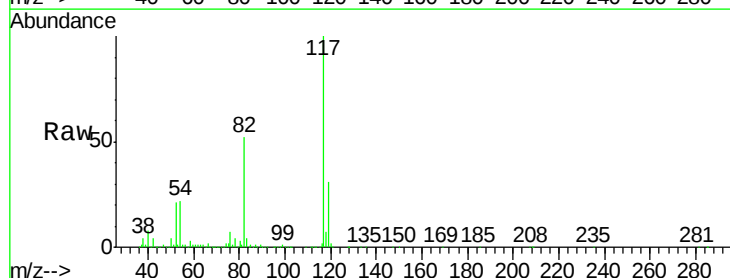
Tgt Ion: 117 Resp: 671879

Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.0

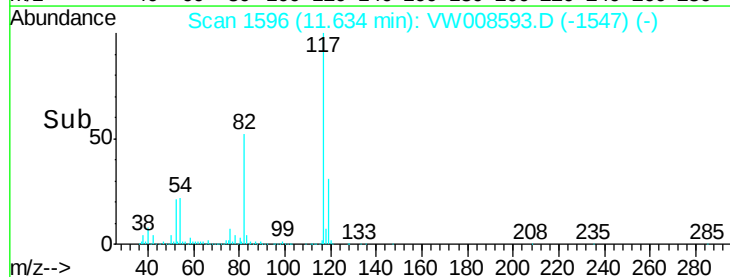
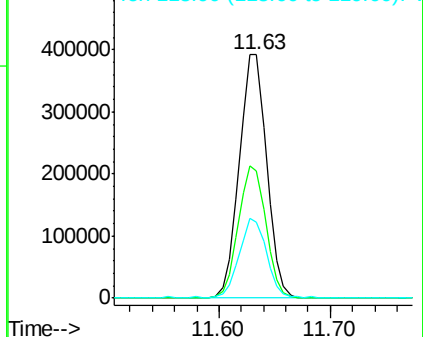
119 30.8 26.2 39.4

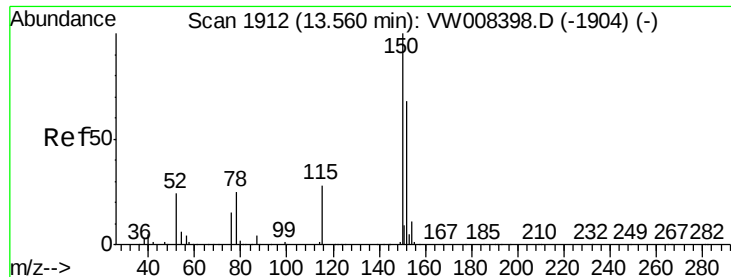


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008593.D

Acq: 11 Feb 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

A0C12-SS4-10.0-10.5RE

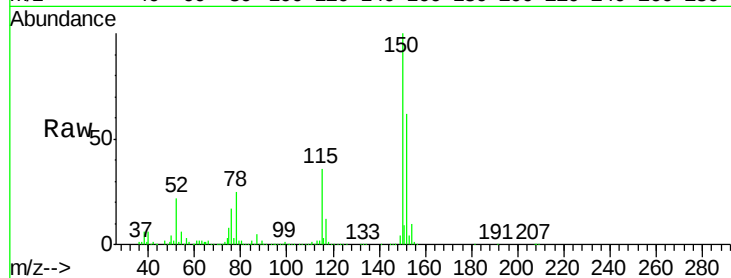
Tot Ion:152 Resp: 341933

Ion Ratio Lower Upper

152 100

115 57.7 29.9 89.7

150 158.3 0.0 351.4



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

