

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008598.D
 Acq On : 11 Feb 2019 15:35
 Operator : SY/VA
 Sample : K1458-05
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Quant Time: Feb 12 05:04:09 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

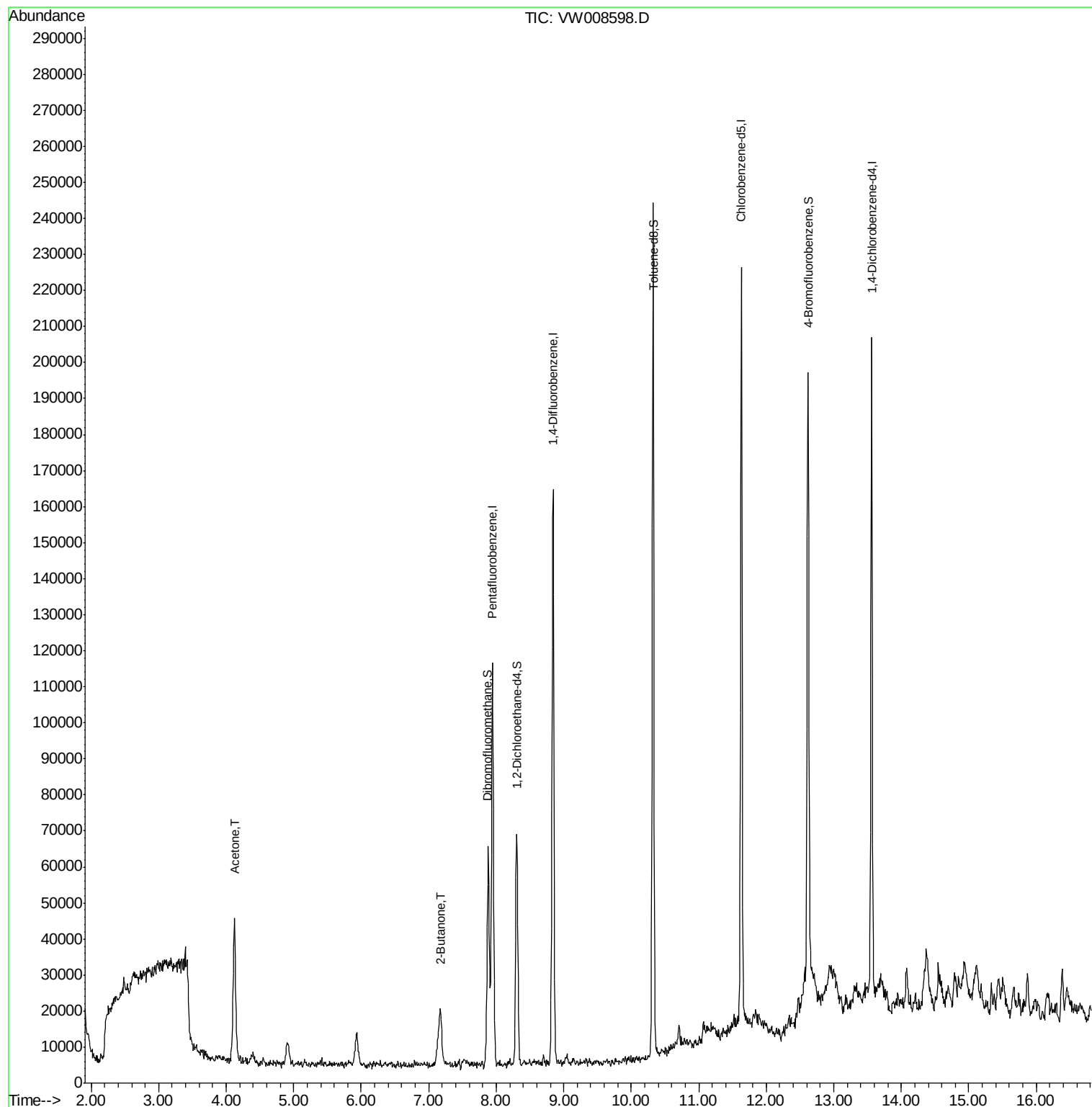
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49551	60.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.36%	
35) Dibromofluoromethane	7.88	113	41438	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	149684	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	53425	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
16) Acetone	4.12	43	68371	369.775	ug/l	94
25) 2-Butanone	7.17	43	22863	89.023	ug/l	93

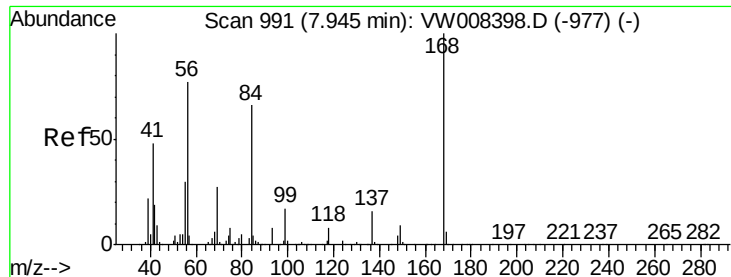
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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ClientSampleId :

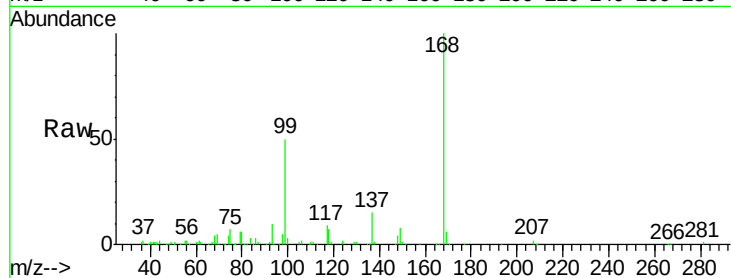
SB-3

Tot Ion:168 Resp: 83811

Ion Ratio Lower Upper

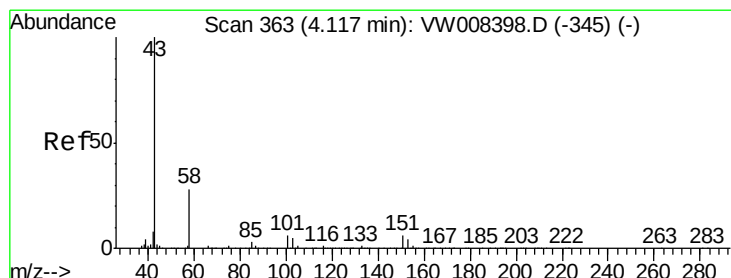
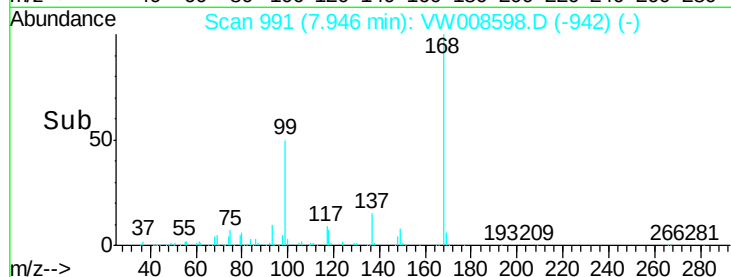
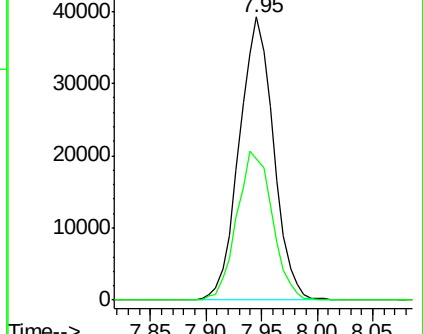
168 100

99 50.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 369.775 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008598.D

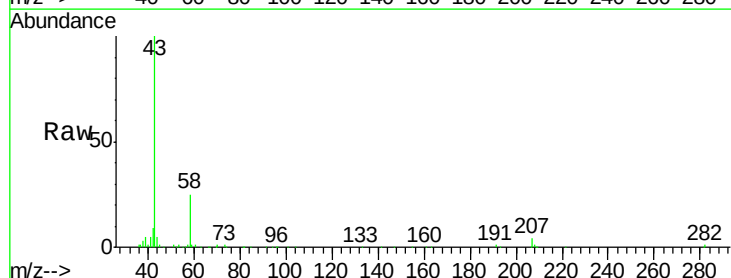
Acq: 11 Feb 2019 15:35

Tgt Ion: 43 Resp: 68371

Ion Ratio Lower Upper

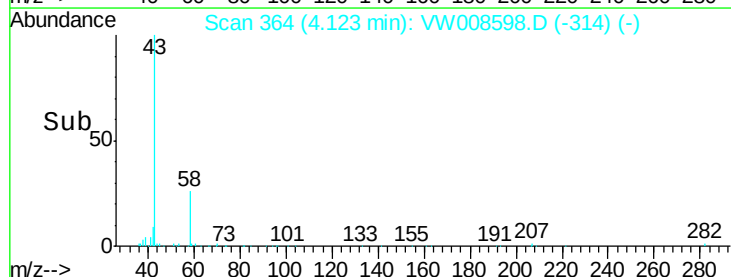
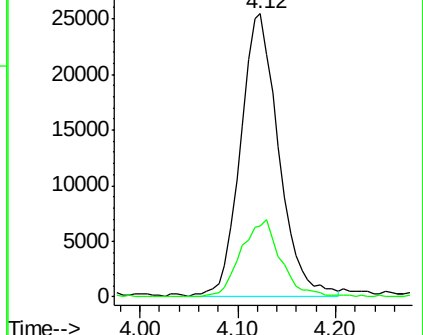
43 100

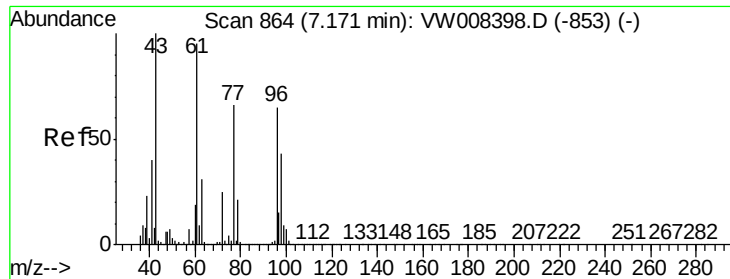
58 25.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

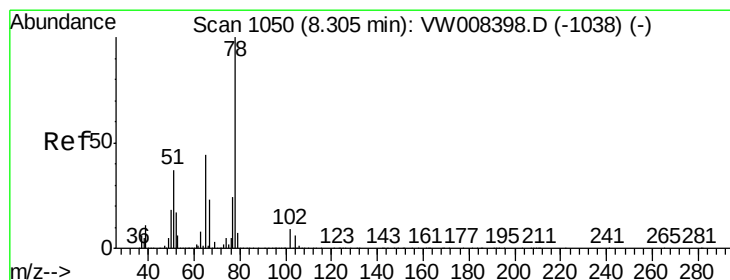
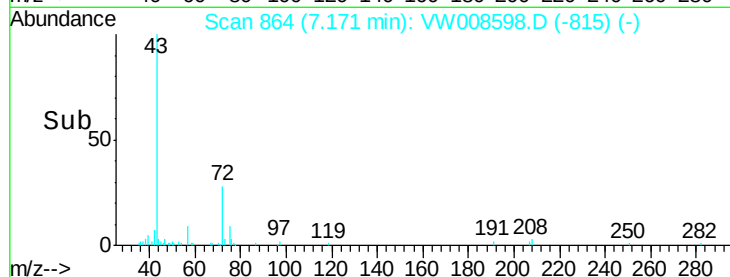
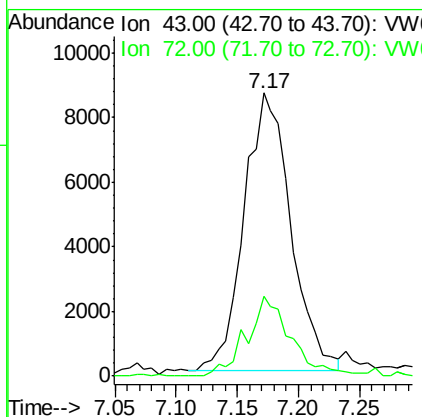
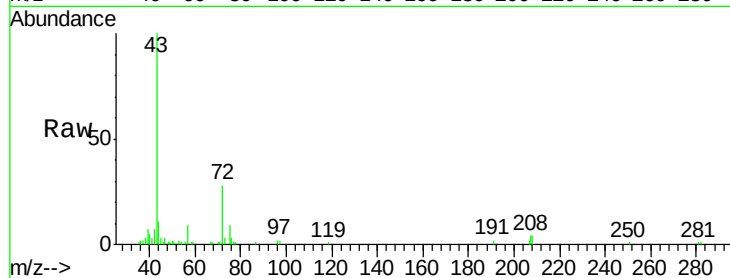




#25
2-Butanone
Concen: 89.023 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008598.D
Acq: 11 Feb 2019 15:35

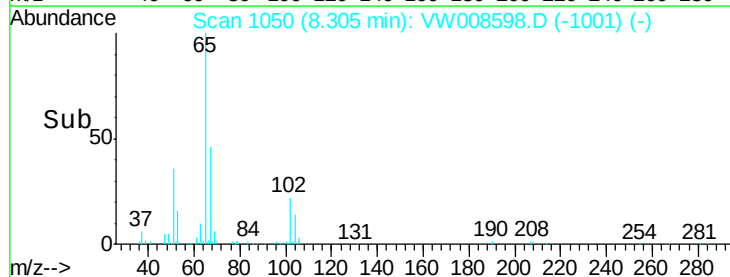
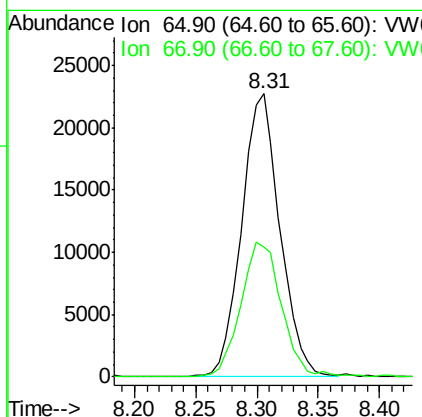
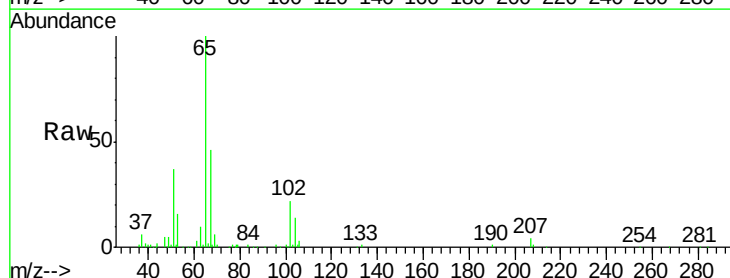
Instrument :
MSVOA_W
ClientSampleId :
SB-3

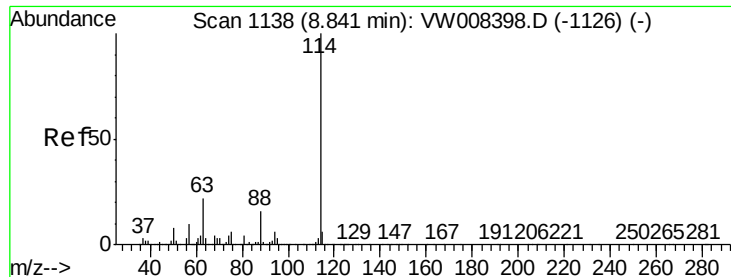
Tot Ion: 43 Resp: 22863
Ion Ratio Lower Upper
43 100
72 28.6 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 60.181 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008598.D
Acq: 11 Feb 2019 15:35

Tgt Ion: 65 Resp: 49551
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

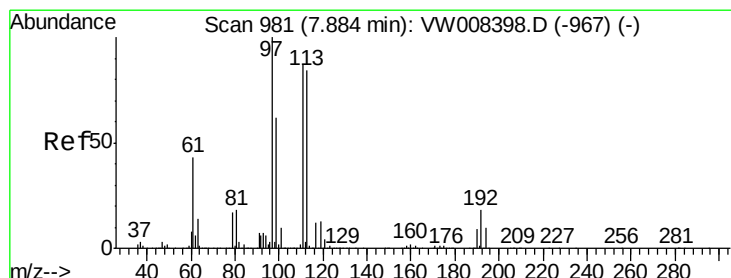
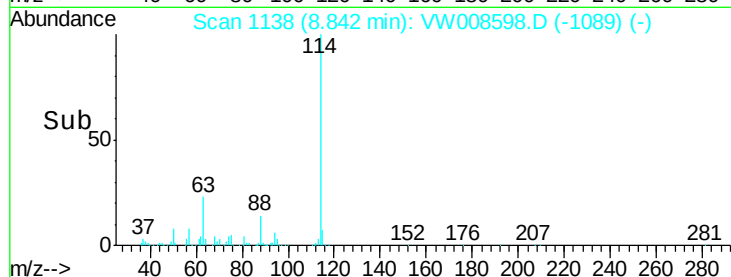
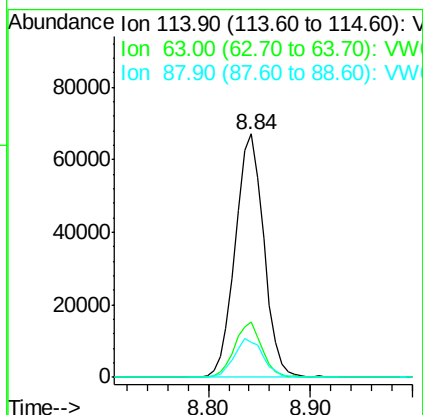
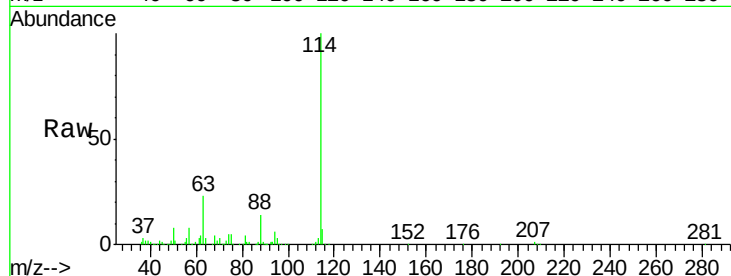




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008598.D
 Acq: 11 Feb 2019 15:35

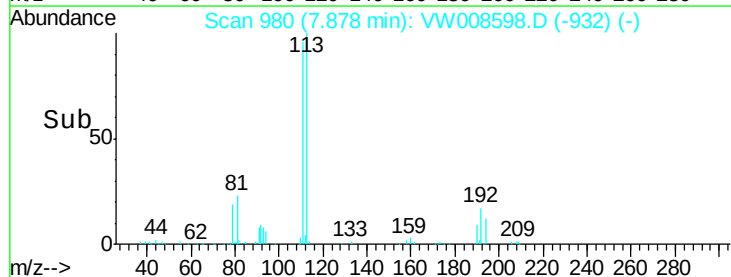
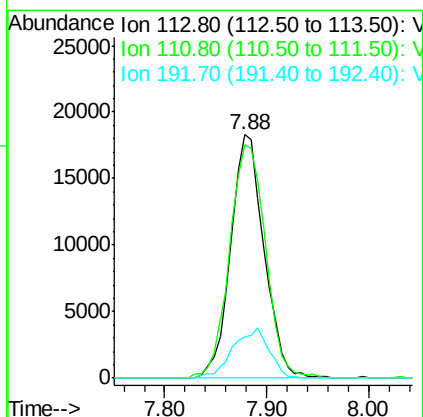
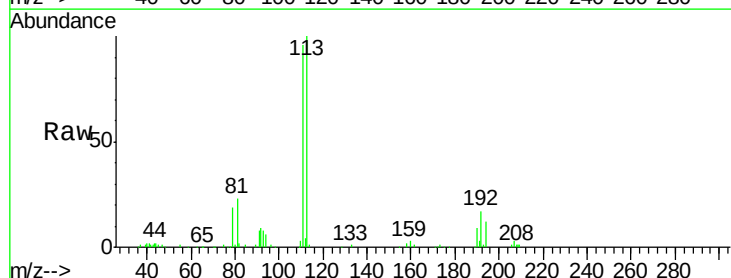
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

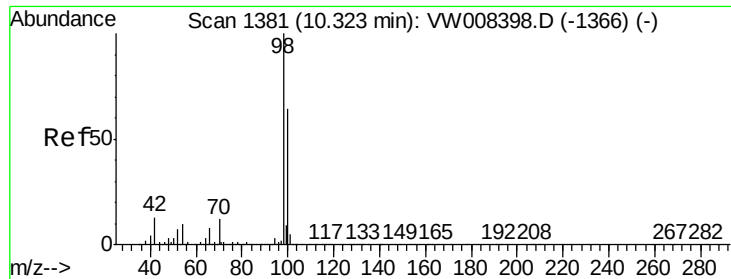
Tot Ion:114 Resp: 129747
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.6
 88 14.3 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 54.619 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008598.D
 Acq: 11 Feb 2019 15:35

Tgt Ion:113 Resp: 41438
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.0 121.4
 192 22.2 16.8 25.2





#50

Toluene-d8

Concen: 49.201 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008598.D

Acq: 11 Feb 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

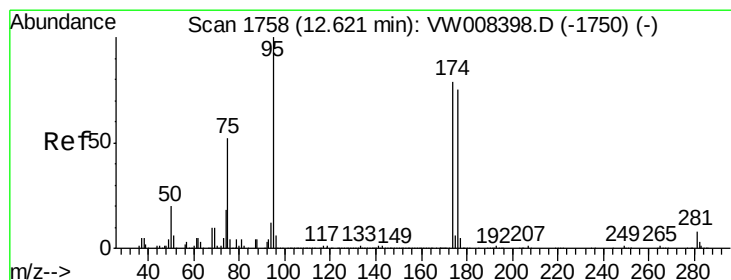
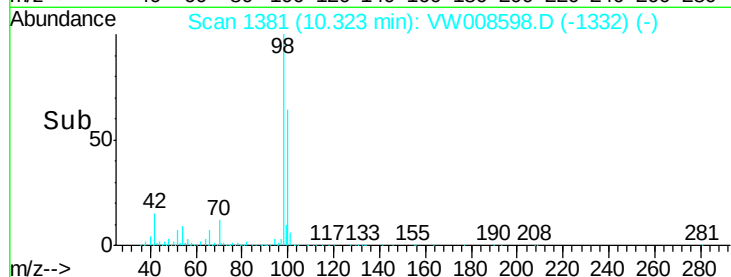
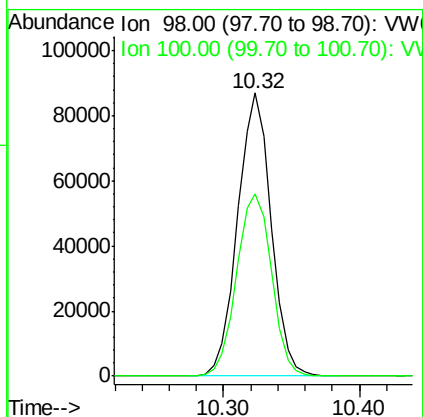
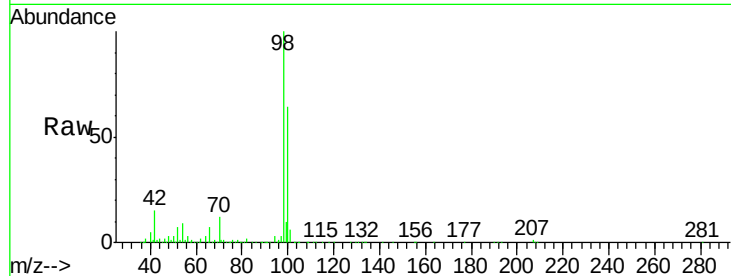
SB-3

Tot Ion: 98 Resp: 149684

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.685 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008598.D

Acq: 11 Feb 2019 15:35

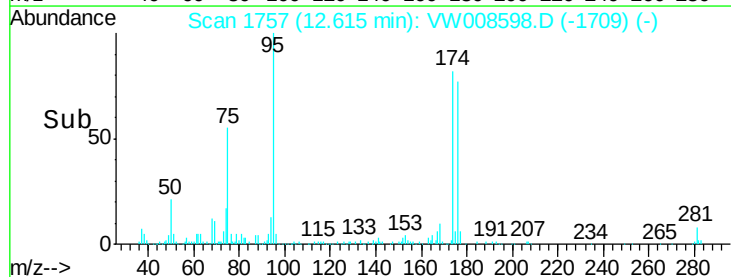
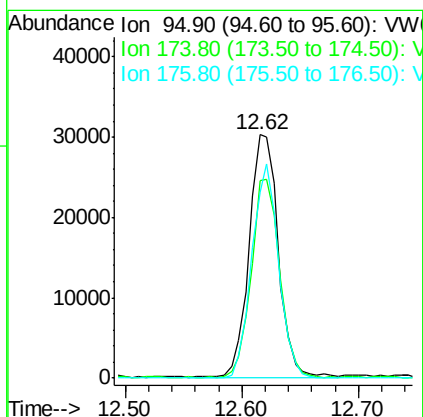
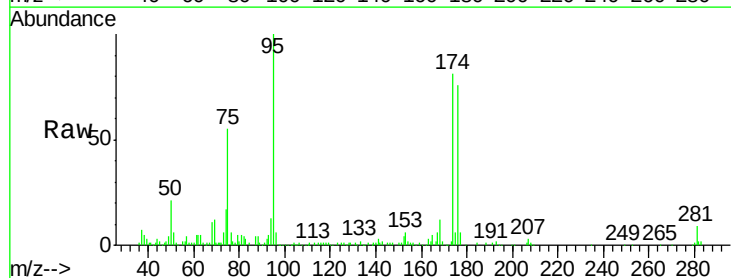
Tgt Ion: 95 Resp: 53425

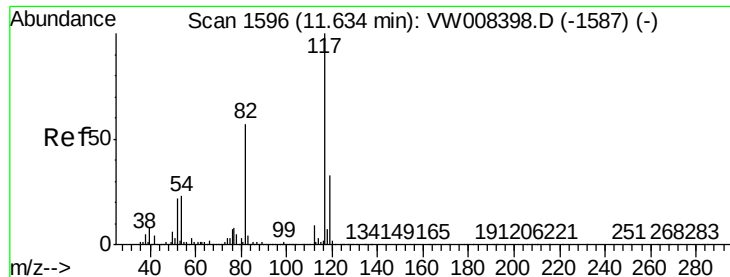
Ion Ratio Lower Upper

95 100

174 79.7 0.0 157.6

176 80.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008598.D

Acq: 11 Feb 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

SB-3

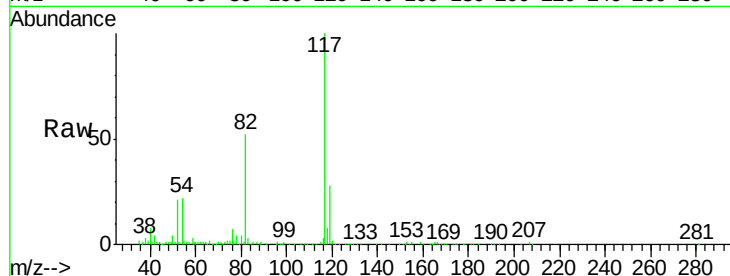
Tot Ion:117 Resp: 112842

Ion Ratio Lower Upper

117 100

82 52.0 45.4 68.0

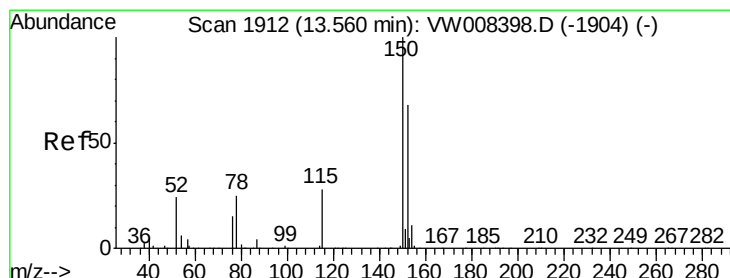
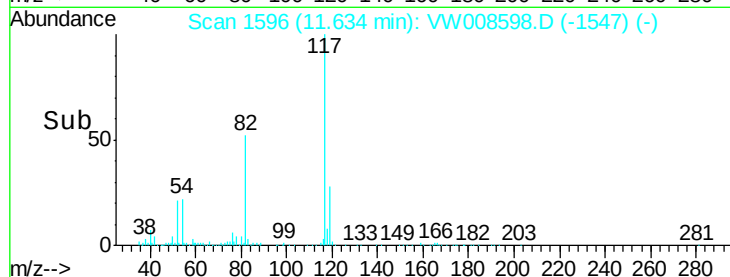
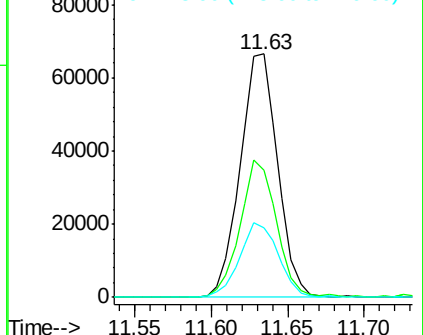
119 28.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008598.D

Acq: 11 Feb 2019 15:35

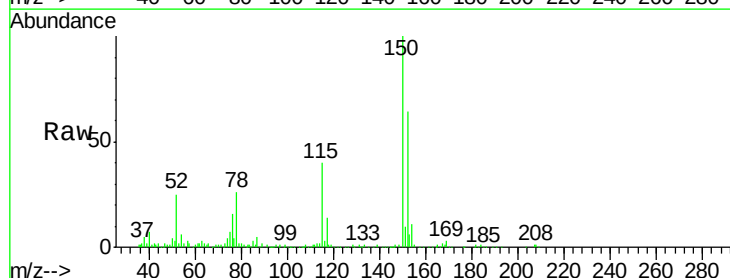
Tgt Ion:152 Resp: 46749

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

150 155.1 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

