

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008523.D
 Acq On : 06 Feb 2019 13:14
 Operator : SY/VA
 Sample : K1383-03
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

Quant Time: Feb 07 02:07:56 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

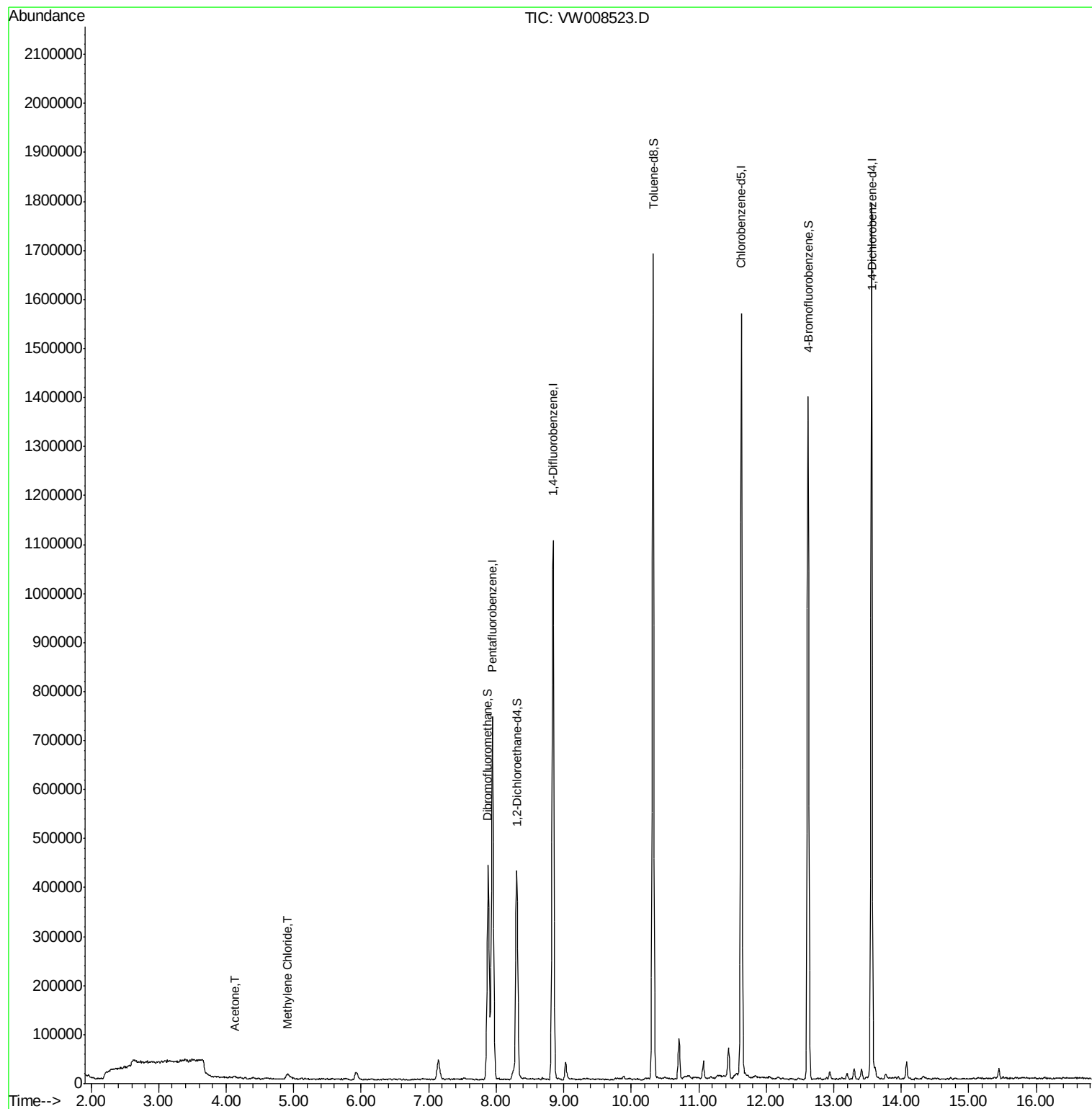
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	578985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	928558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	855365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	328472	57.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.50%	
35) Dibromofluoromethane	7.88	113	297079	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
50) Toluene-d8	10.32	98	1116033	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	433379	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
16) Acetone	4.12	43	7008	5.486	ug/l	94
20) Methylene Chloride	4.91	84	8128m	1.381	ug/l	

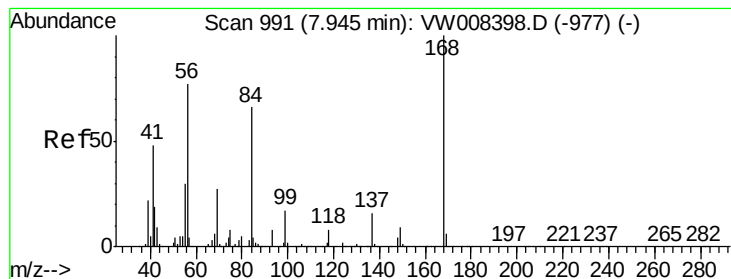
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008523.D

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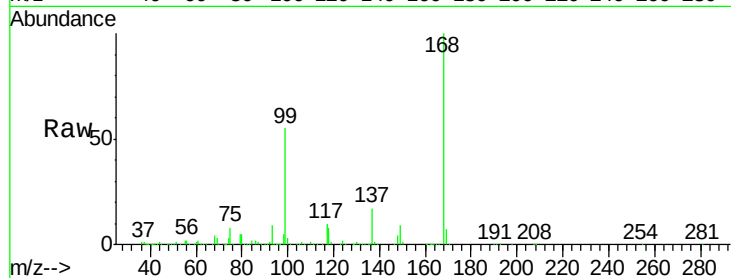
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

Tot Ion:168 Resp: 578985

Ion Ratio Lower Upper

168 100

99 54.5 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

250000

200000

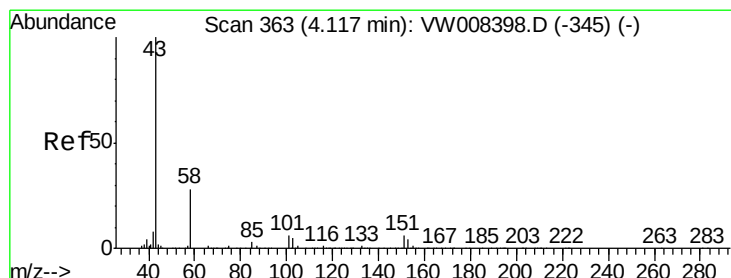
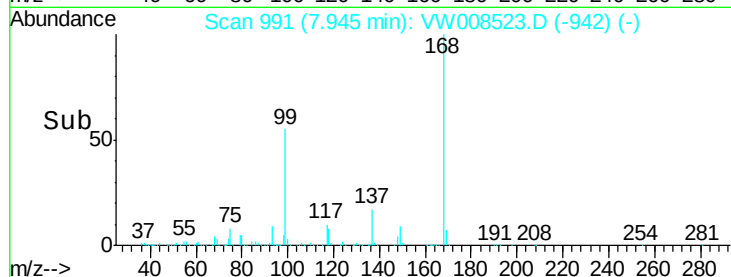
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 5.486 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008523.D

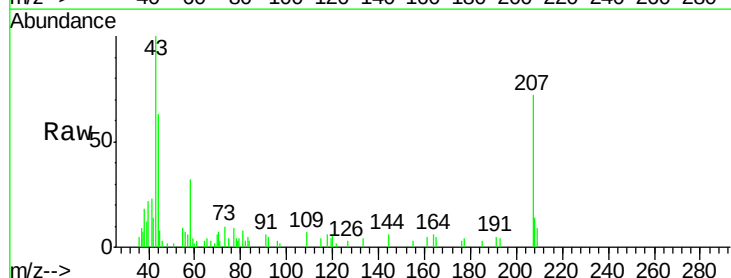
Acq: 06 Feb 2019 13:14

Tgt Ion: 43 Resp: 7008

Ion Ratio Lower Upper

43 100

58 31.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

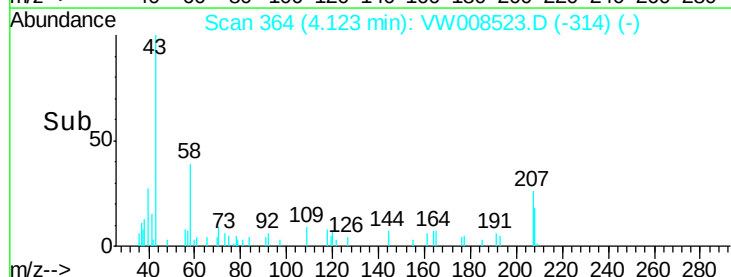
1500

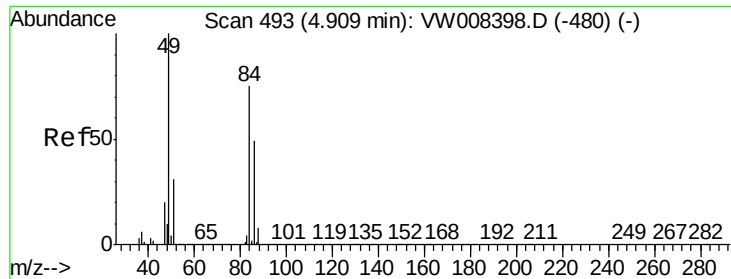
1000

500

0

Time--> 4.05 4.10 4.15 4.20

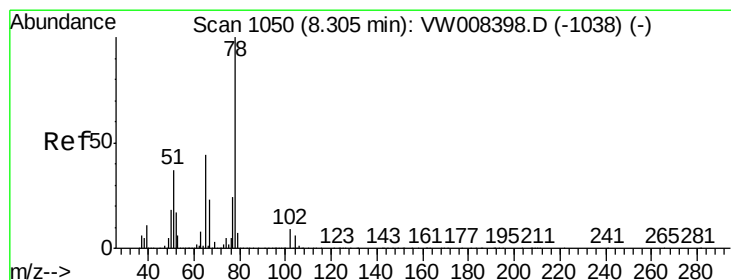
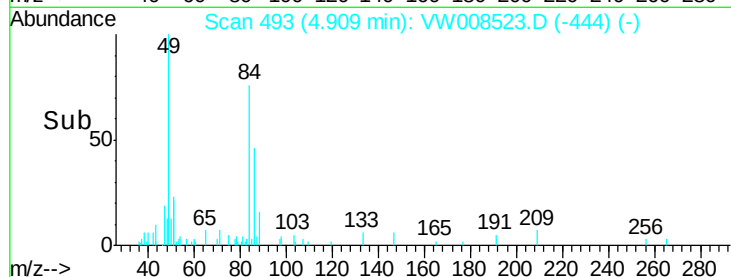
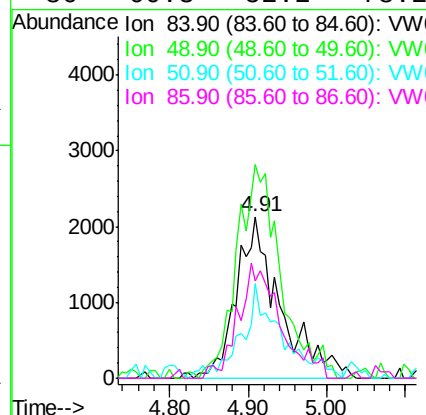
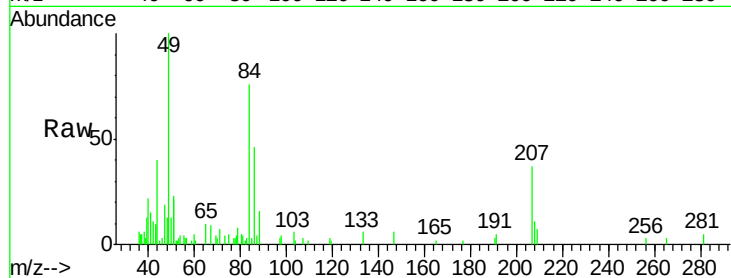




#20
Methylene Chloride
Concen: 1.381 ug/l m
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

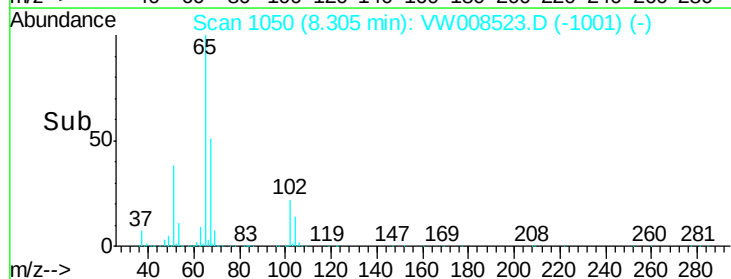
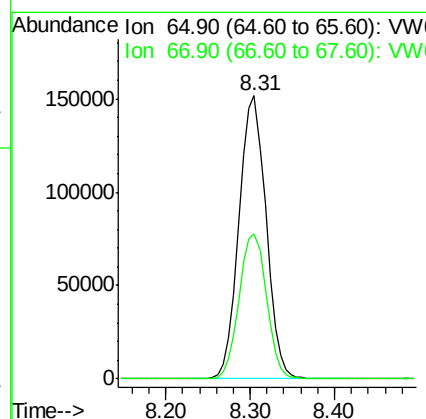
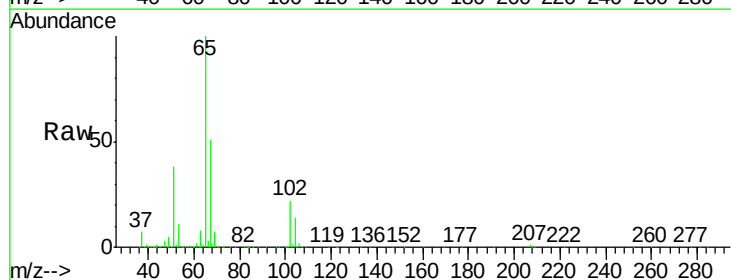
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS2-0.0-0.5

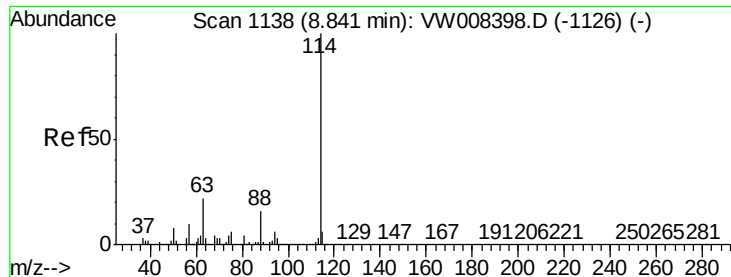
Tot Ion	84	Resp	8128
Ion	Ratio	Lower	Upper
84	100		
49	132.2	106.8	160.2
51	31.0	32.9	49.3#
86	60.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 57.748 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008523.D
Acq: 06 Feb 2019 13:14

Tgt Ion	65	Resp	328472
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0

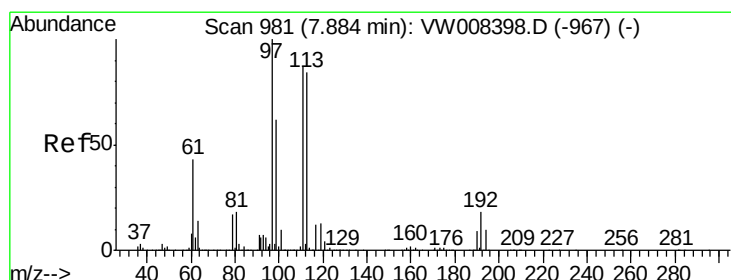
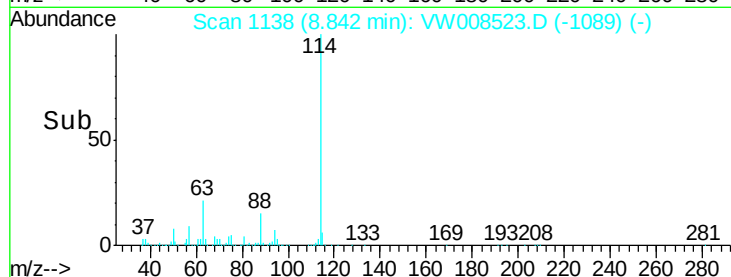
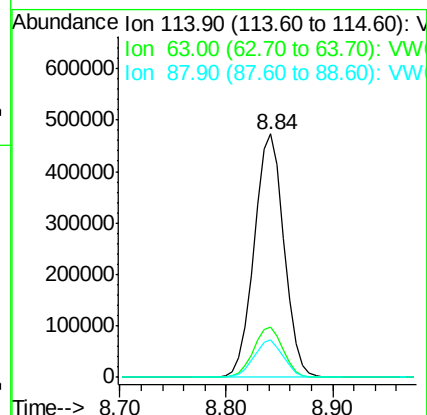
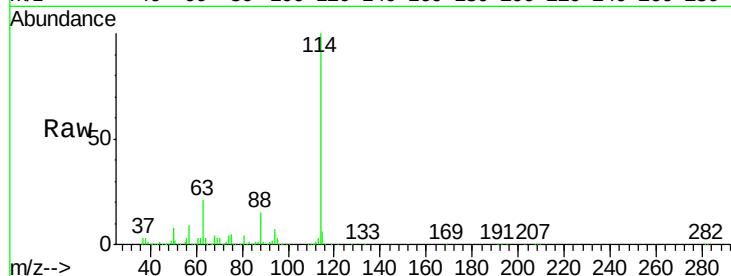




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

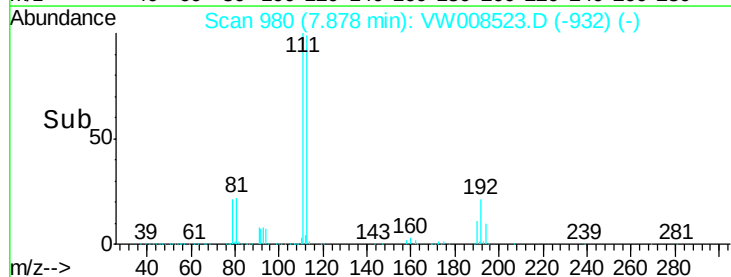
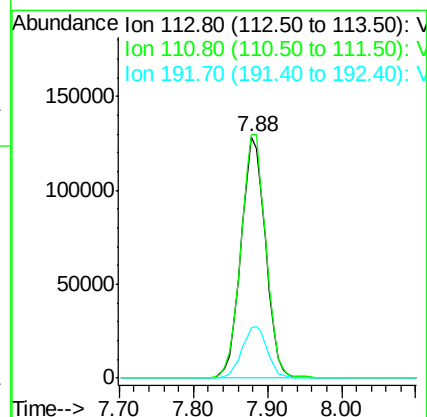
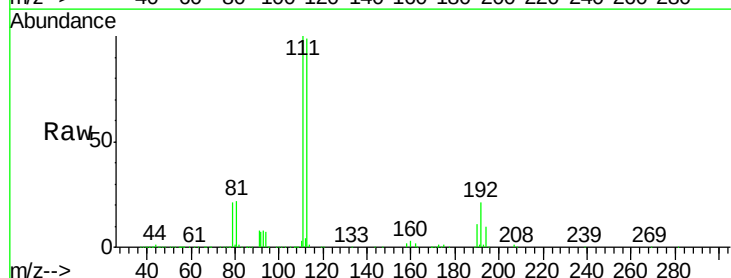
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS2-0.0-0.5

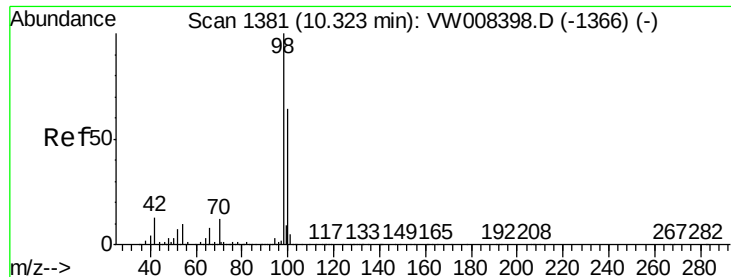
Tot Ion:114 Resp: 928558
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.3 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 54.715 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008523.D
 Acq: 06 Feb 2019 13:14

Tgt Ion:113 Resp: 297079
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 21.9 16.8 25.2





#50

Toluene-d8

Concen: 51.258 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008523.D

Acq: 06 Feb 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

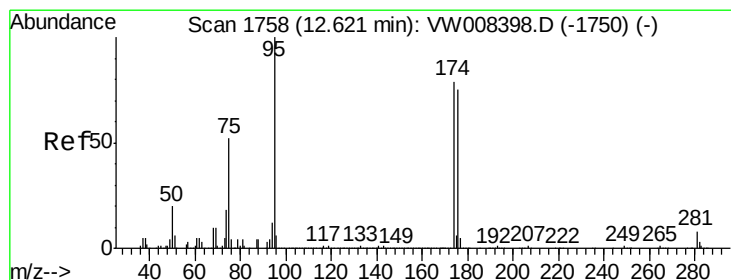
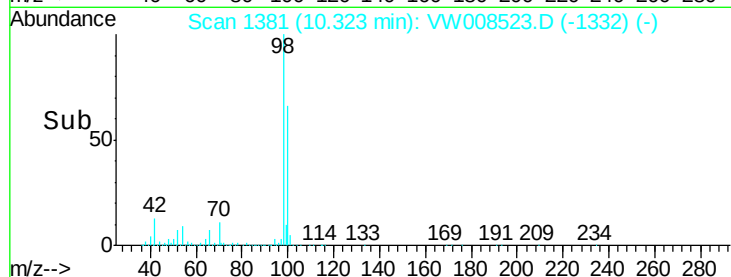
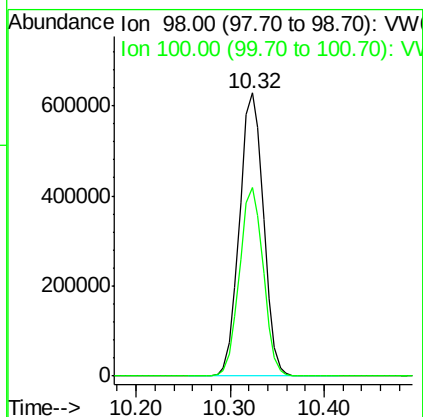
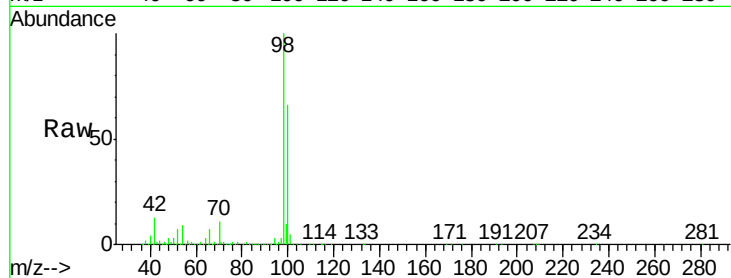
A0C5B-SS2-0.0-0.5

Tot Ion: 98 Resp: 1116033

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.783 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008523.D

Acq: 06 Feb 2019 13:14

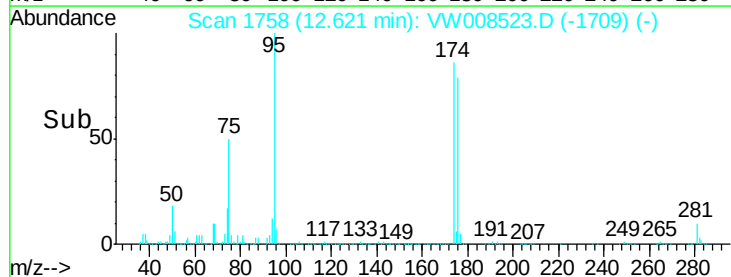
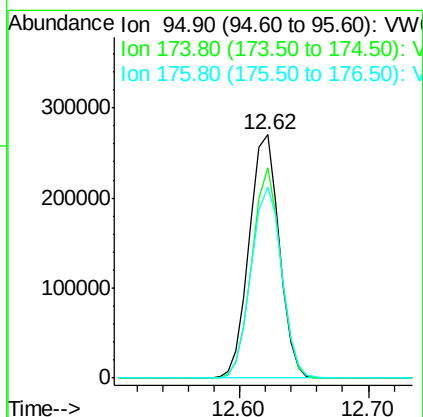
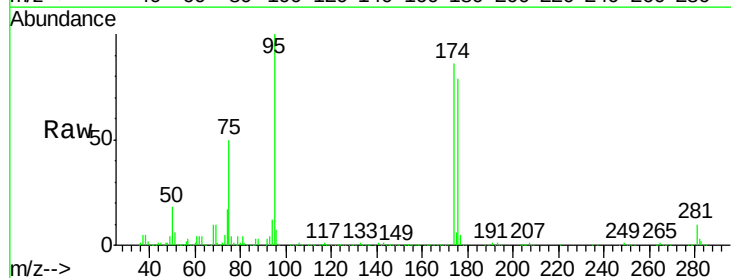
Tgt Ion: 95 Resp: 433379

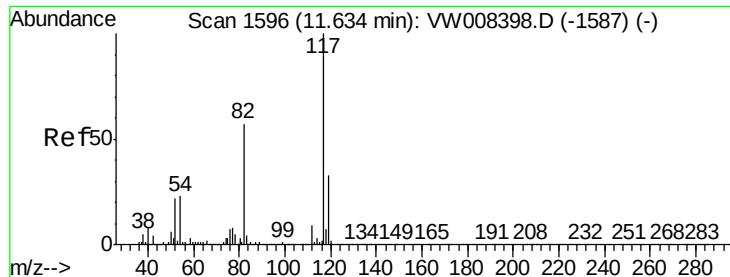
Ion Ratio Lower Upper

95 100

174 83.3 0.0 157.6

176 80.2 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: VW008523.D

Acq: 06 Feb 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

A0C5B-SS2-0.0-0.5

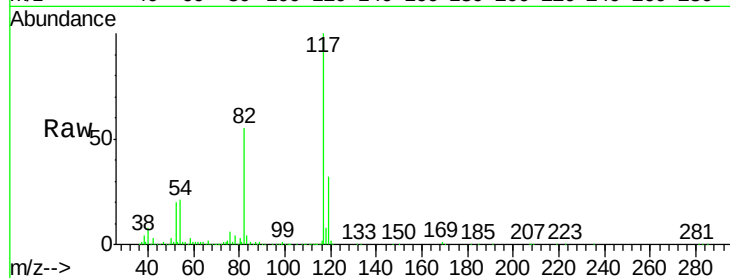
Tot Ion:117 Resp: 855365

Ion Ratio Lower Upper

117 100

82 54.5 45.4 68.0

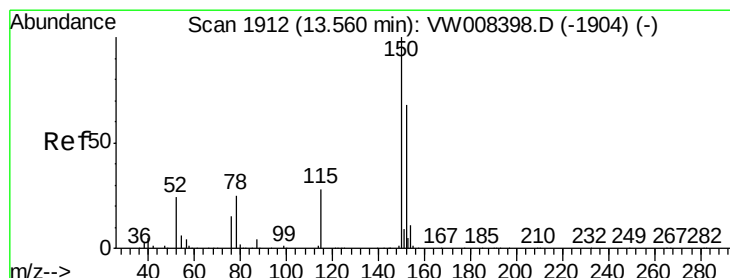
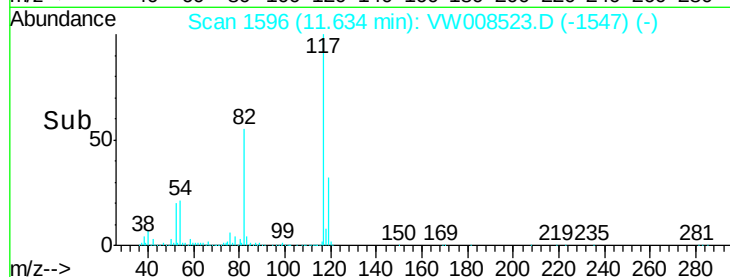
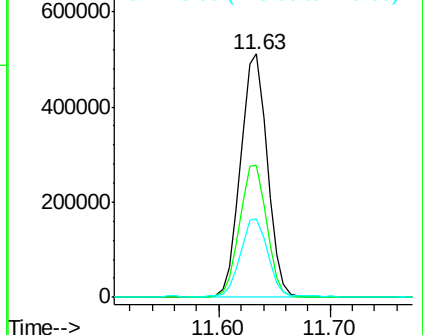
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW008523.D

Acq: 06 Feb 2019 13:14

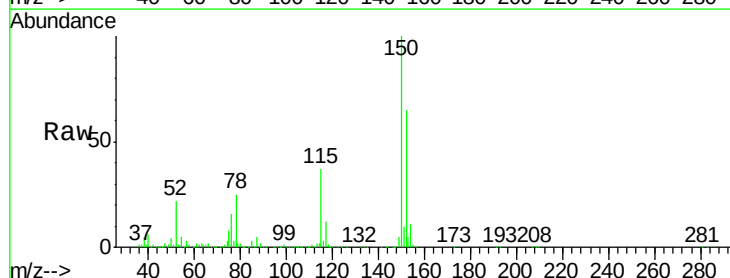
Tgt Ion:152 Resp: 449113

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

150 156.9 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

