

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008536.D
 Acq On : 06 Feb 2019 19:01
 Operator : SY/VA
 Sample : K1385-07
 Misc : 13.19G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-55-57

Quant Time: Feb 07 03:38:01 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

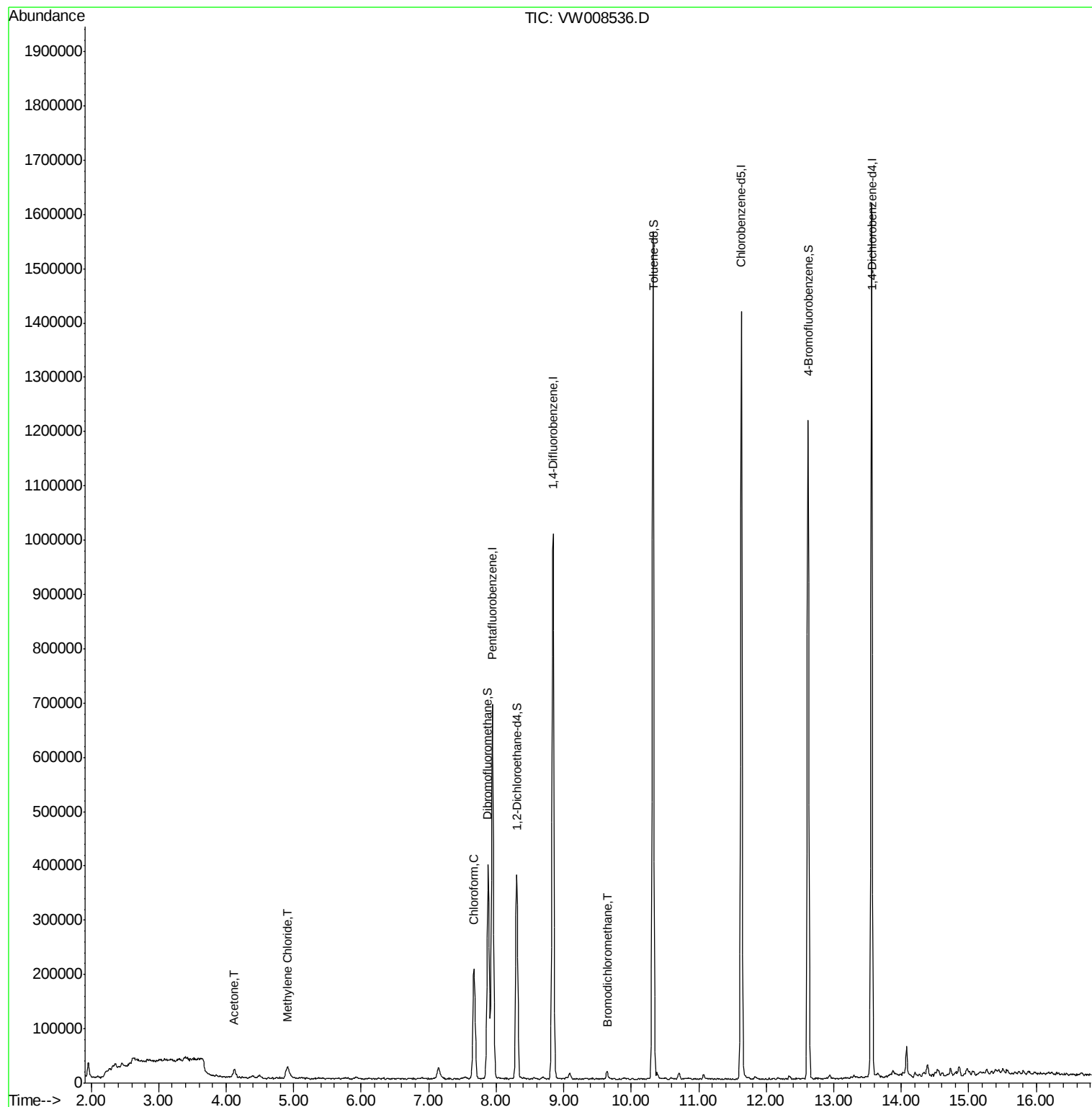
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	537801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	864069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	797547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	407573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	289585	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	274028	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	10.32	98	1018790	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	399999	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
Target Compounds						
16) Acetone	4.12	43	24902	20.988	ug/l	96
20) Methylene Chloride	4.90	84	18819	3.441	ug/l	94
30) Chloroform	7.67	83	191591	19.425	ug/l	99
47) Bromodichloromethane	9.65	83	9527	1.240	ug/l	91

(#) = 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: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

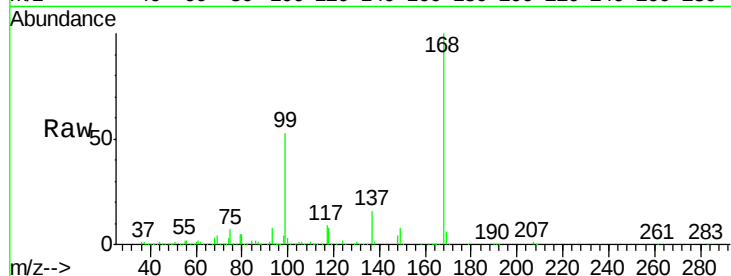
98-SB-01-55-57

Tot Ion:168 Resp: 537801

Ion Ratio Lower Upper

168 100

99 52.6 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

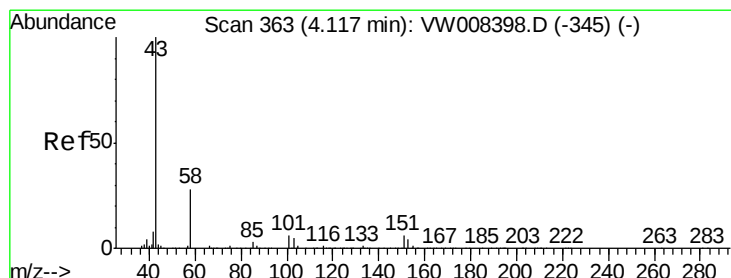
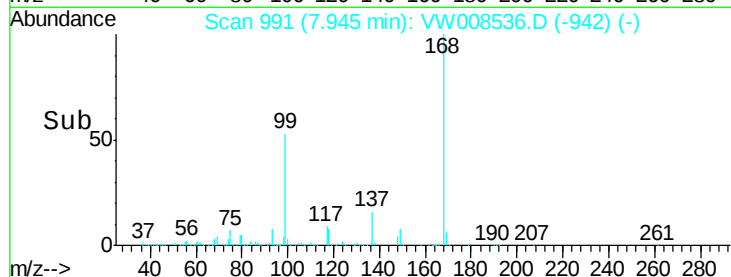
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.988 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008536.D

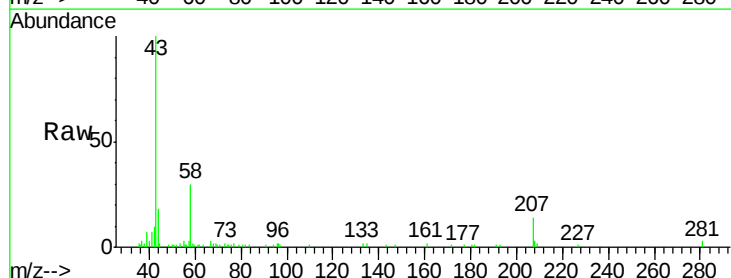
Acq: 06 Feb 2019 19:01

Tgt Ion: 43 Resp: 24902

Ion Ratio Lower Upper

43 100

58 30.6 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

10000

8000

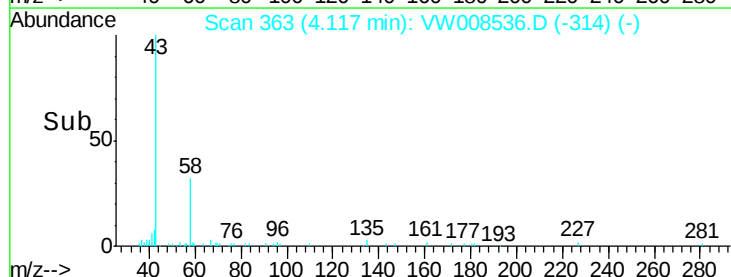
6000

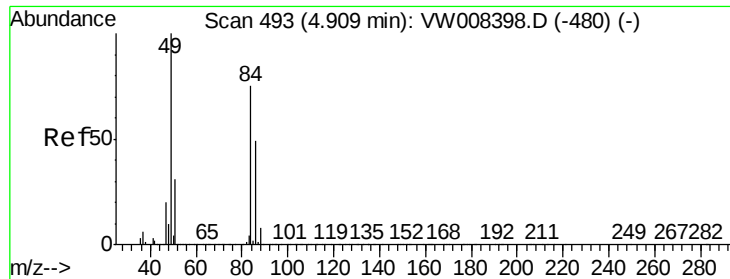
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0

Time-->

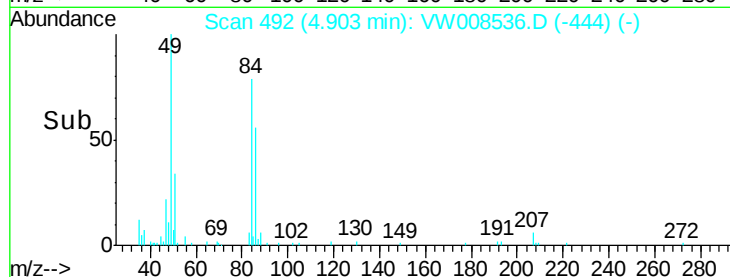
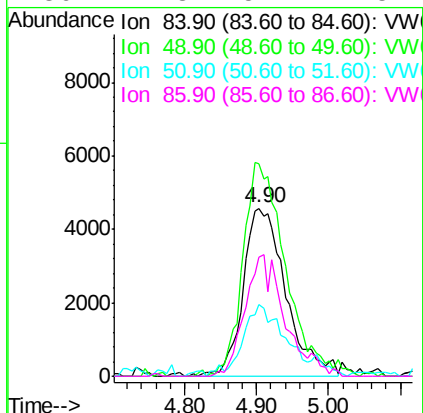
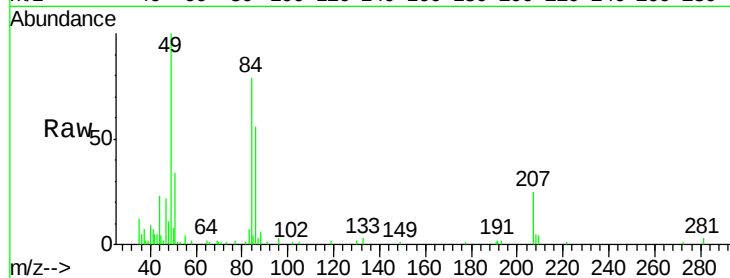




#20
Methvlene Chloride
Concen: 3.441 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

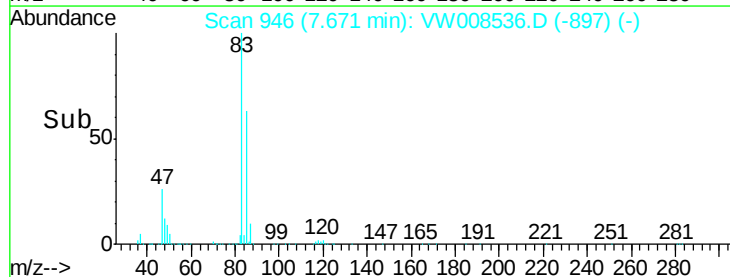
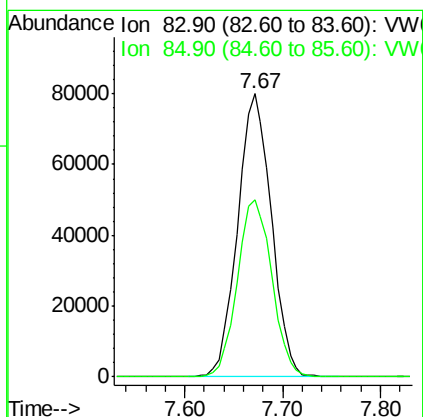
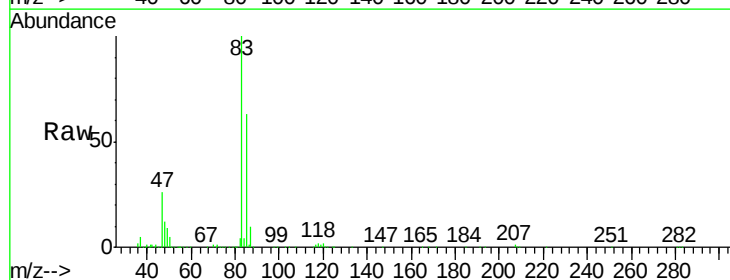
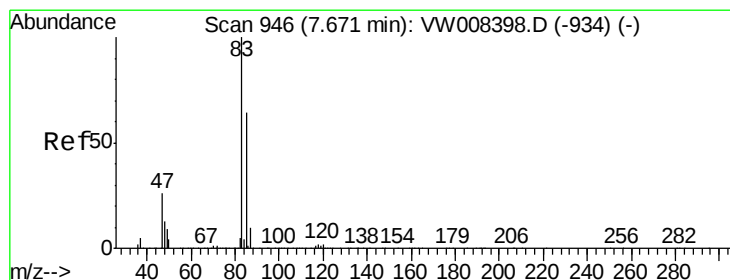
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-55-57

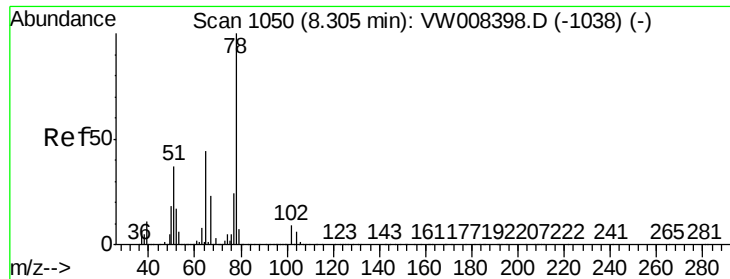
Tot Ion:	84	Resp:	18819
Ion	Ratio	Lower	Upper
84	100		
49	126.4	106.8	160.2
51	40.6	32.9	49.3
86	71.3	52.2	78.2



#30
Chloroform
Concen: 19.425 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008536.D
Acq: 06 Feb 2019 19:01

Tgt Ion:	83	Resp:	191591
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3

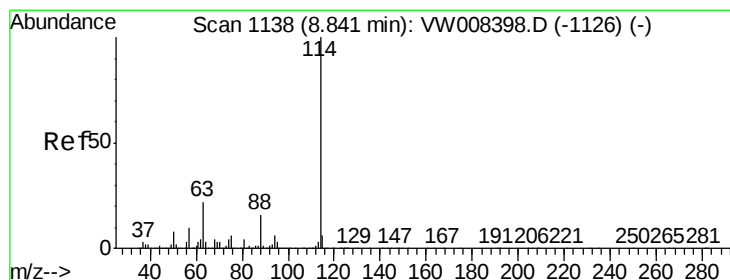
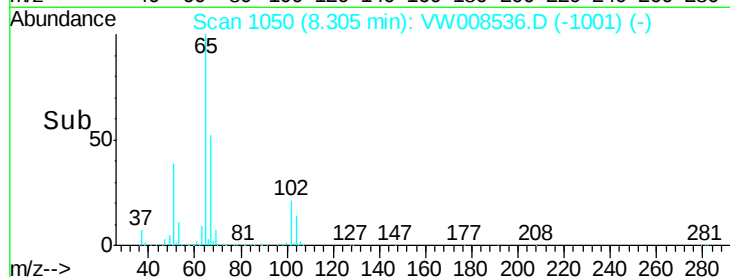
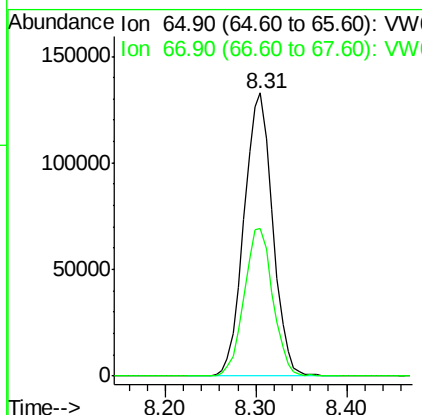
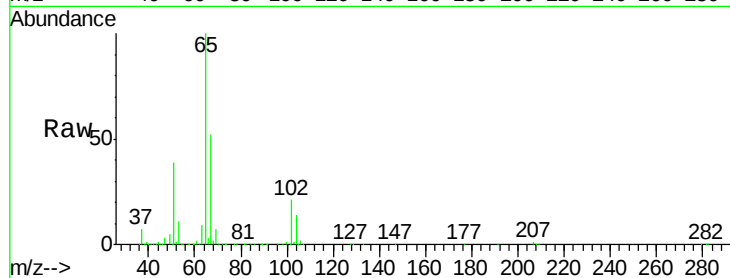




#33
 1,2-Dichloroethane-d4
 Concen: 54.810 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

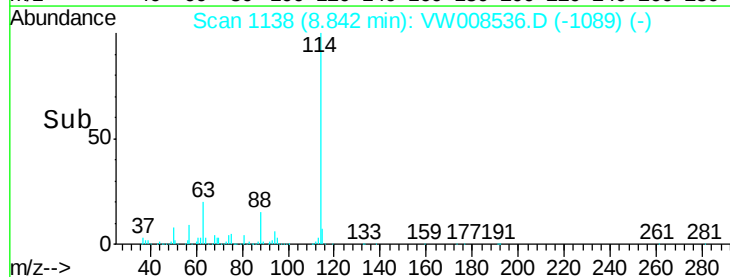
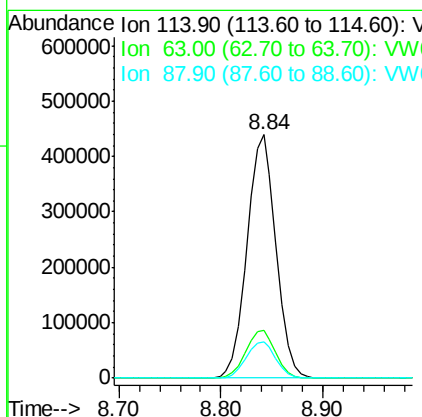
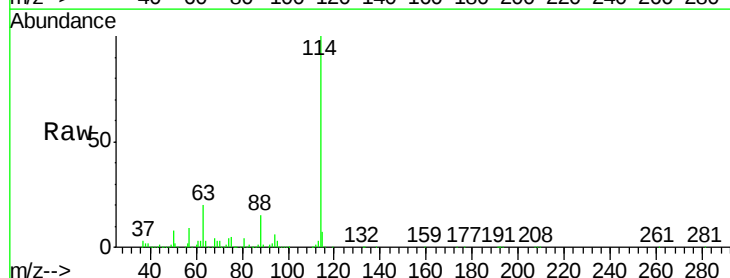
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-55-57

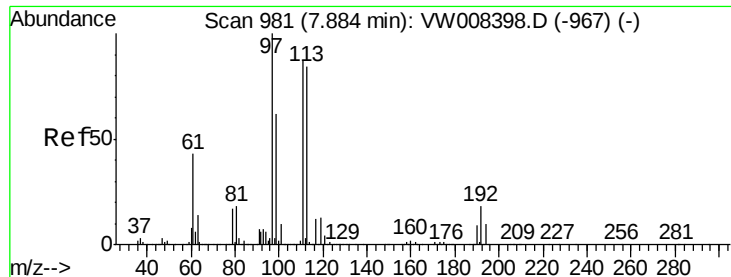
Tot Ion: 65 Resp: 289585
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

Tgt Ion: 114 Resp: 864069
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.1 0.0 31.8

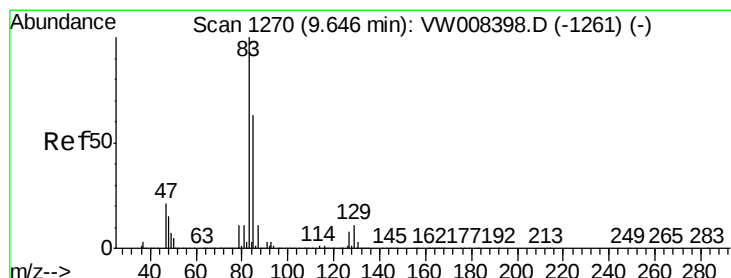
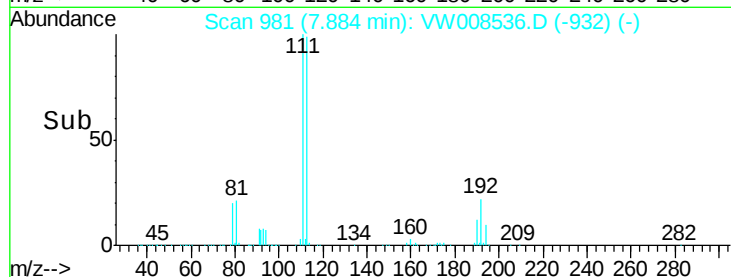
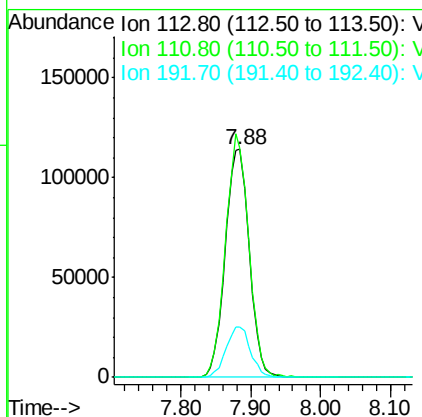
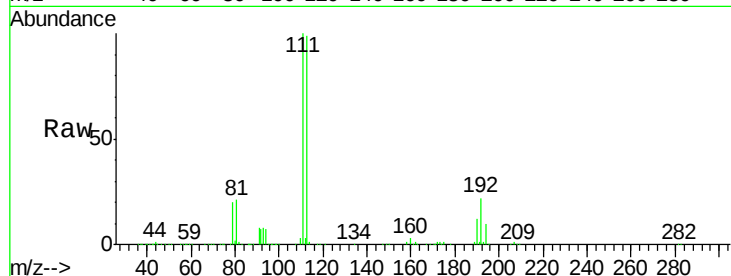




#35
 Dibromofluoromethane
 Concen: 54.236 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

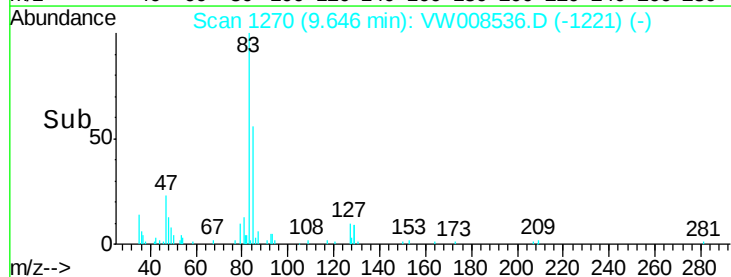
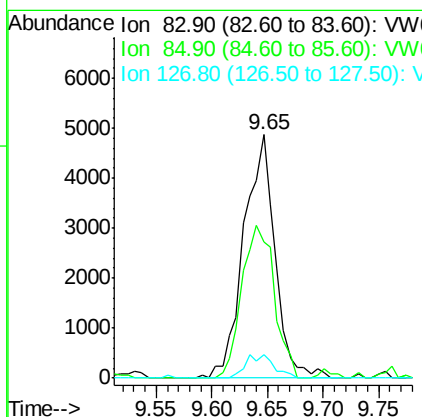
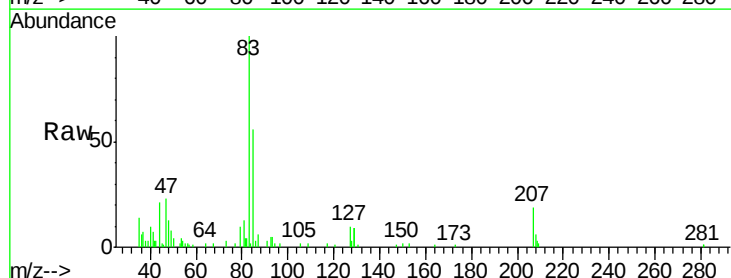
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-55-57

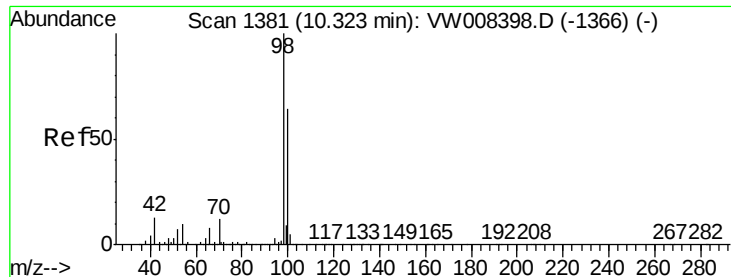
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	22.3	16.8	25.2



#47
 Bromodichloromethane
 Concen: 1.240 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW008536.D
 Acq: 06 Feb 2019 19:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.0	50.8	76.2
127	9.8	6.8	10.2





#50

Toluene-d8

Concen: 50.284 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

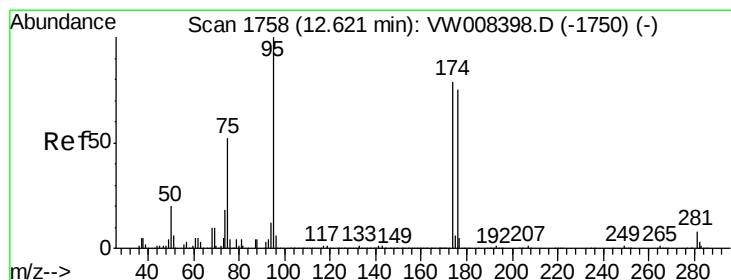
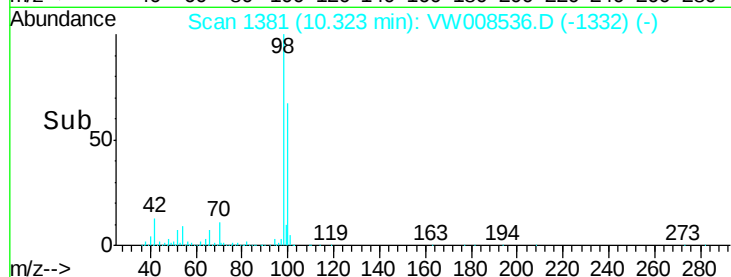
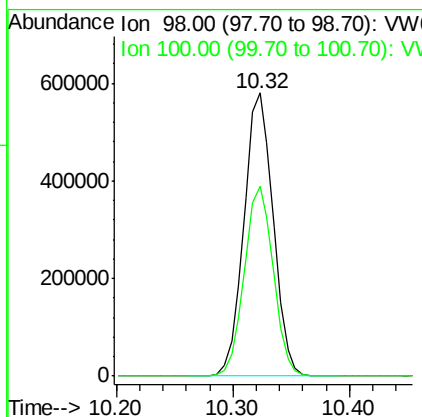
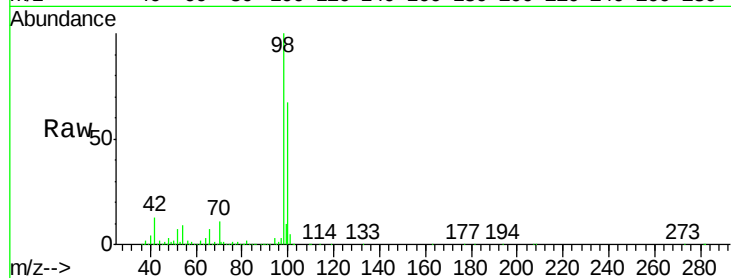
98-SB-01-55-57

Tot Ion: 98 Resp: 1018790

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.362 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008536.D

Acq: 06 Feb 2019 19:01

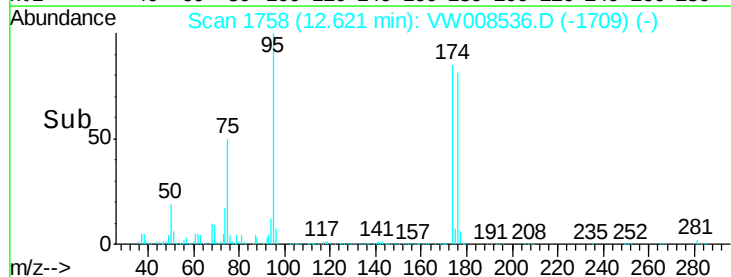
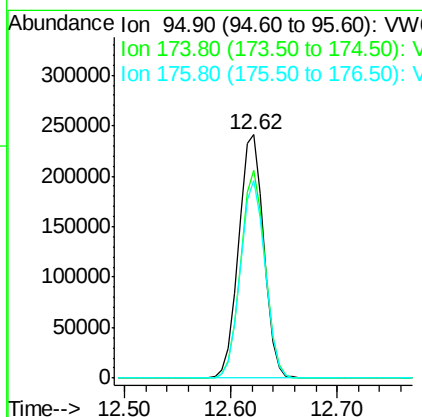
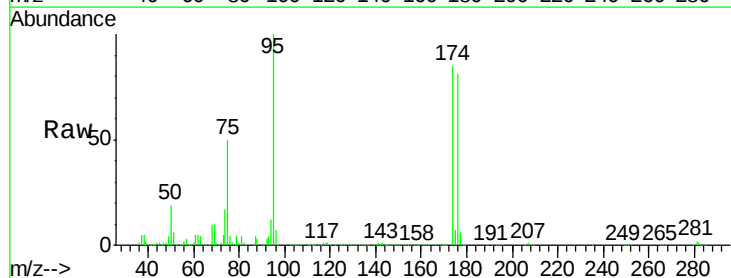
Tgt Ion: 95 Resp: 399999

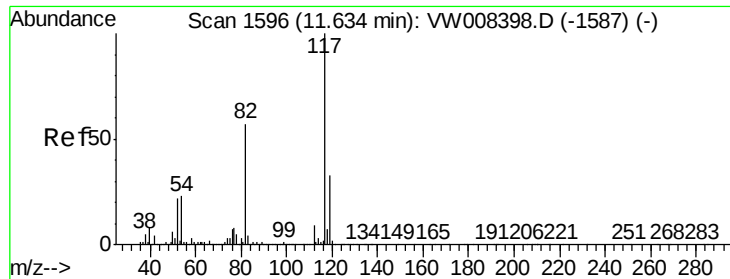
Ion Ratio Lower Upper

95 100

174 83.3 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: VW008536.D

Acq: 06 Feb 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-55-57

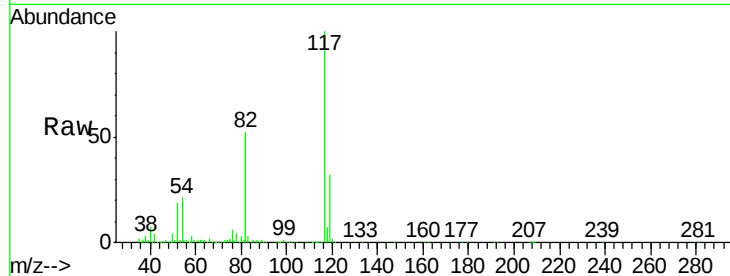
Tot Ion:117 Resp: 797547

Ion Ratio Lower Upper

117 100

82 52.2 45.4 68.0

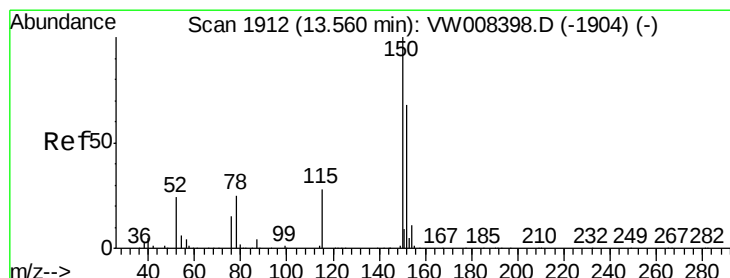
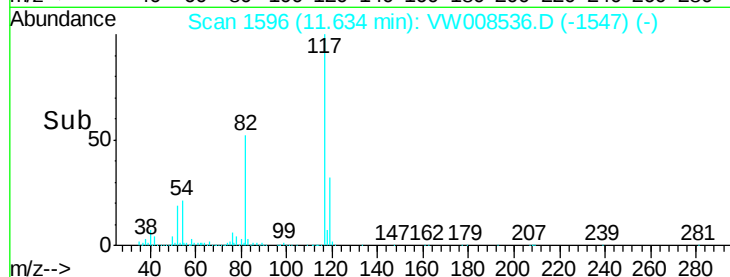
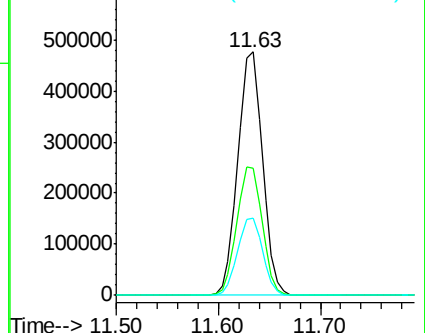
119 31.6 26.2 39.4



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: VW008536.D

Acq: 06 Feb 2019 19:01

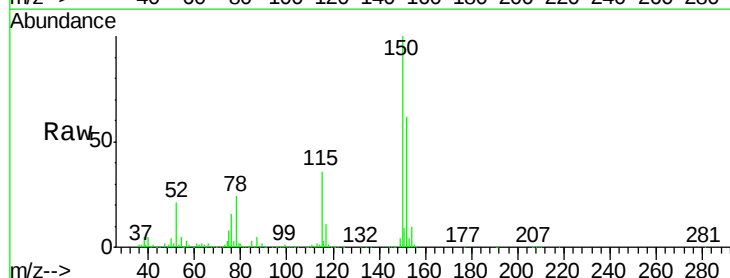
Tgt Ion:152 Resp: 407573

Ion Ratio Lower Upper

152 100

115 58.8 29.9 89.7

150 158.9 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

