

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008537.D
 Acq On : 06 Feb 2019 19:28
 Operator : SY/VA
 Sample : K1389-03
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-4

Quant Time: Feb 07 03:40:18 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

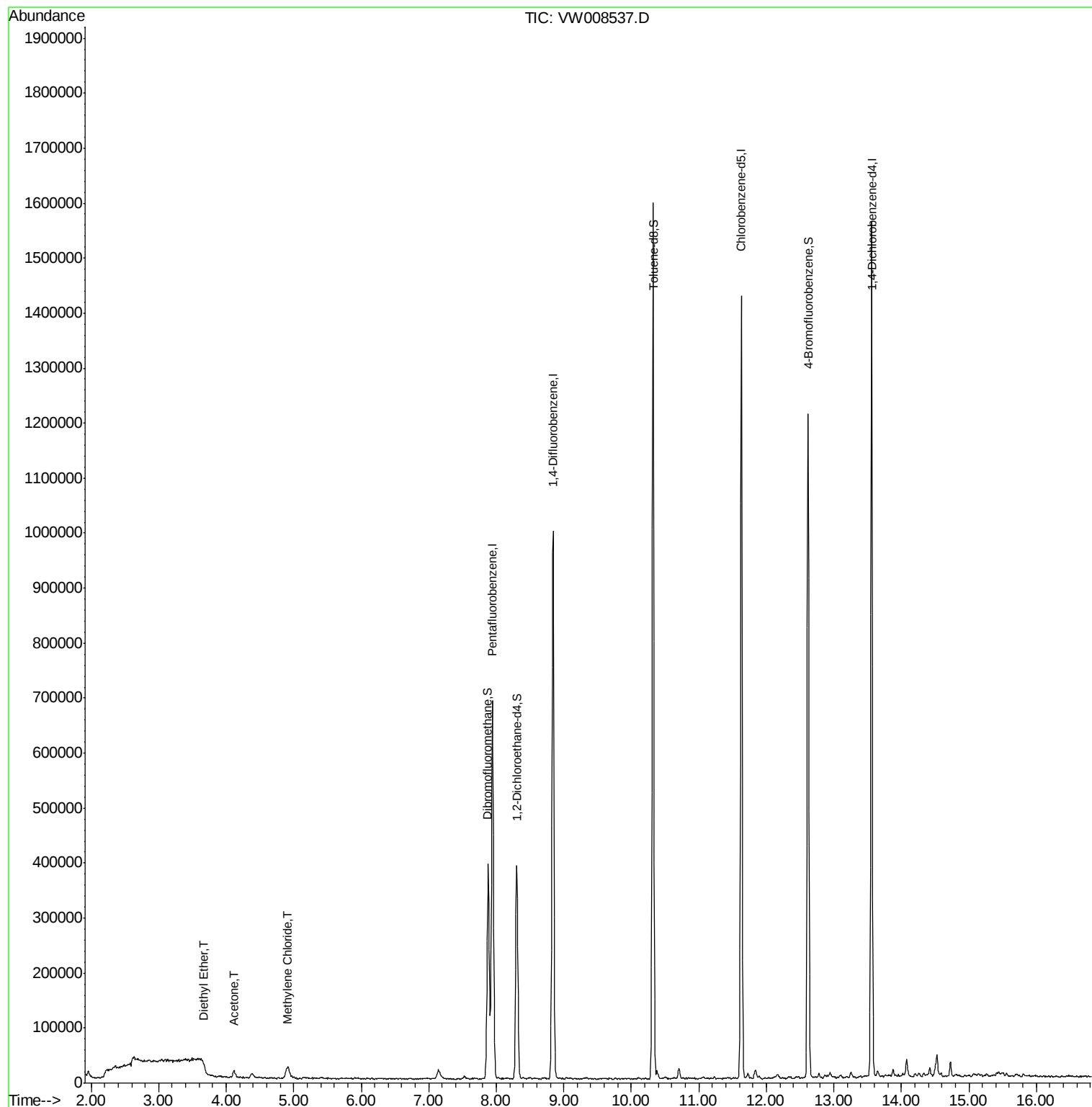
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	532674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	849115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	793549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	396385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	286446	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	267662	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
50) Toluene-d8	10.32	98	1018667	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	385836	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
8) Diethyl Ether	3.67	74	7620	2.869	ug/l	97
16) Acetone	4.12	43	22101	18.807	ug/l	98
20) Methylene Chloride	4.90	84	19409	3.583	ug/l	86

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020619\
Data File : VW008537.D
Acq On : 06 Feb 2019 19:28
Operator : SY/VA
Sample : K1389-03
Misc : 5.27G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-4

Quant Time: Feb 07 03:40:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008537.D

Acq: 06 Feb 2019 19:28

Instrument :

MSVOA_W

ClientSampled :

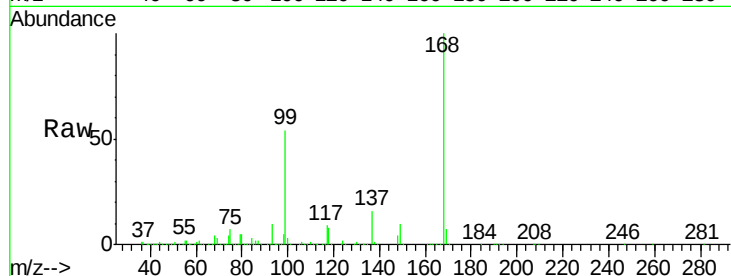
M-4

Tot Ion:168 Resp: 532674

Ion Ratio Lower Upper

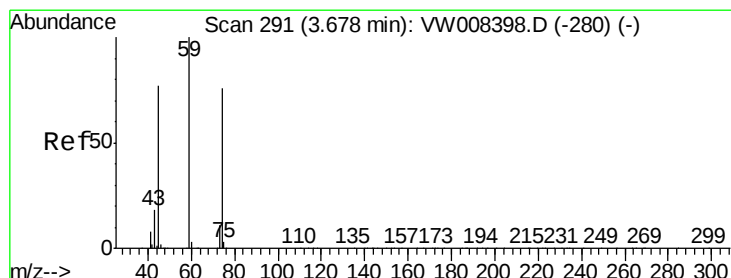
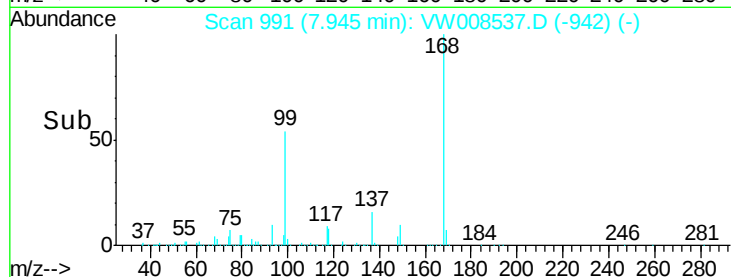
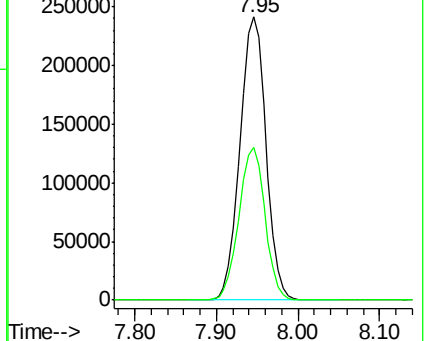
168 100

99 54.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.869 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW008537.D

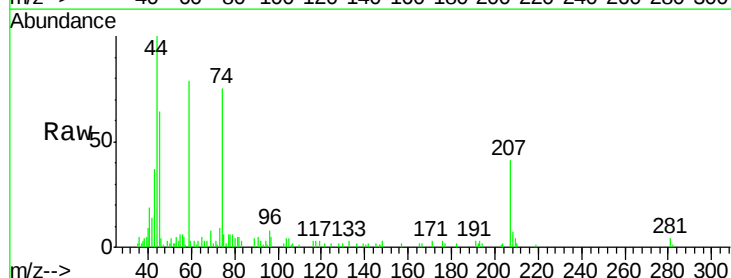
Acq: 06 Feb 2019 19:28

Tgt Ion: 74 Resp: 7620

Ion Ratio Lower Upper

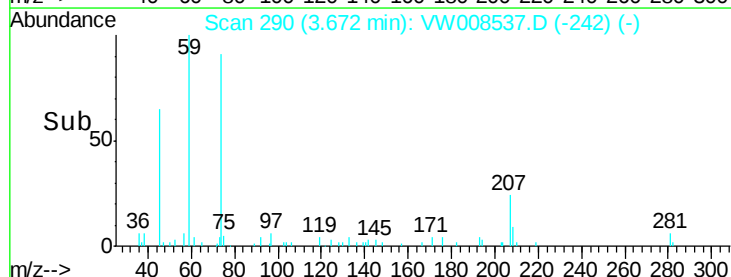
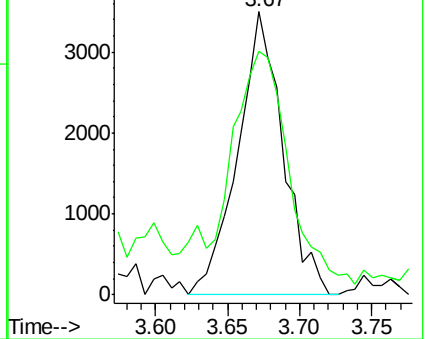
74 100

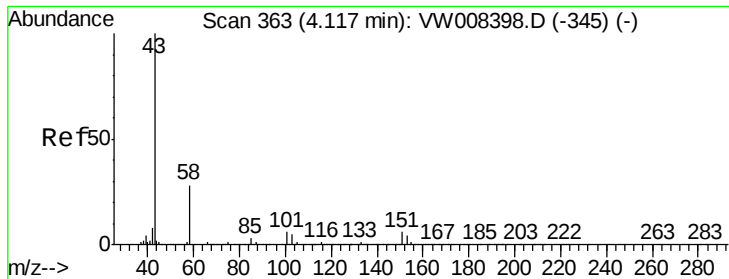
45 100.0 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 18.807 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008537.D

Acq: 06 Feb 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

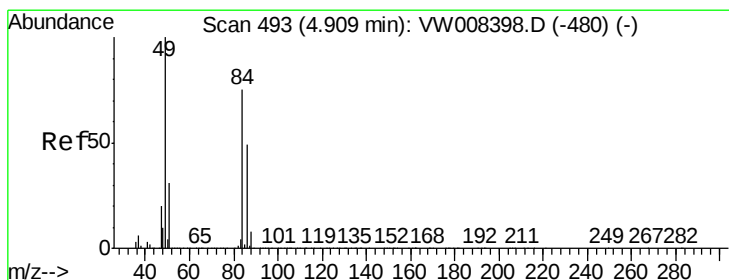
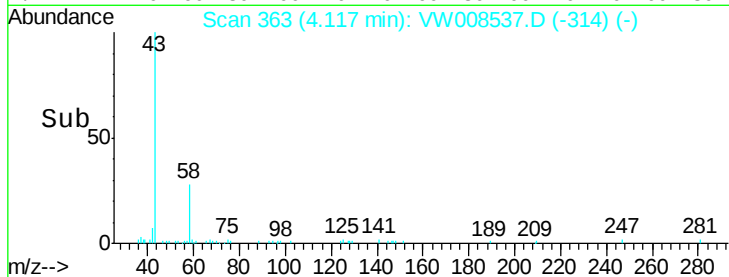
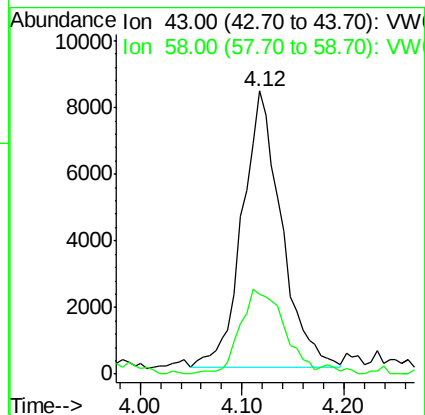
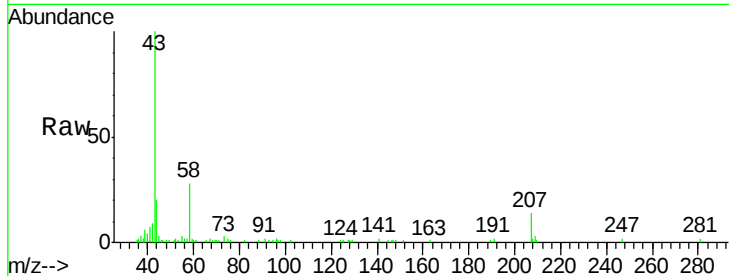
M-4

Tot Ion: 43 Resp: 22101

Ion Ratio Lower Upper

43 100

58 29.1 22.6 34.0



#20

Methylene Chloride

Concen: 3.583 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW008537.D

Acq: 06 Feb 2019 19:28

Tgt Ion: 84 Resp: 19409

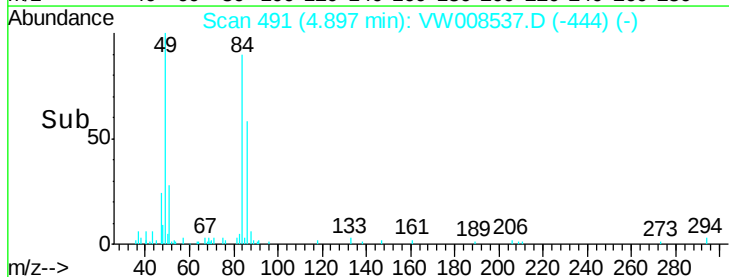
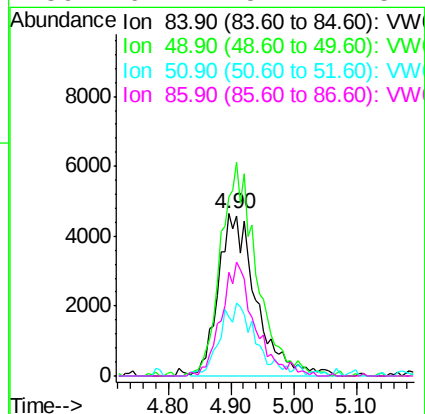
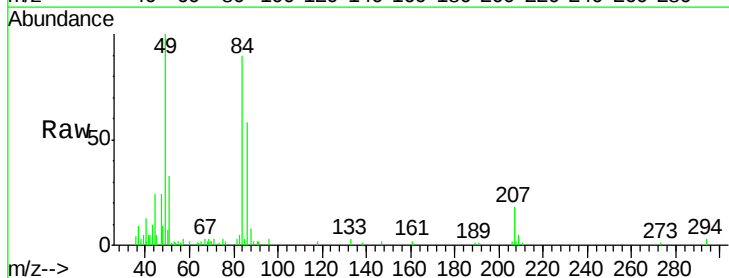
Ion Ratio Lower Upper

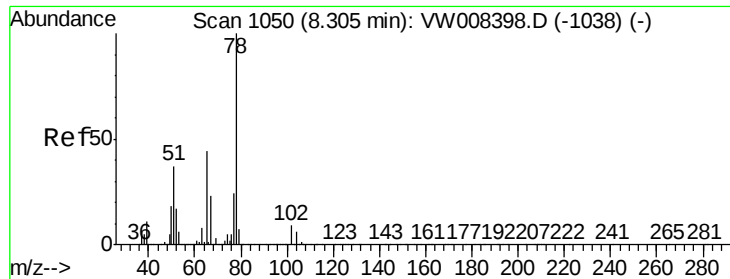
84 100

49 109.0 106.8 160.2

51 34.7 32.9 49.3

86 64.2 52.2 78.2

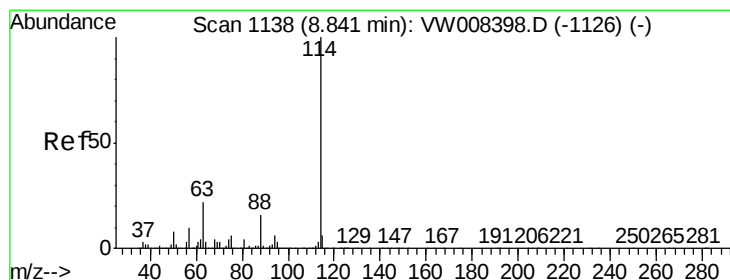
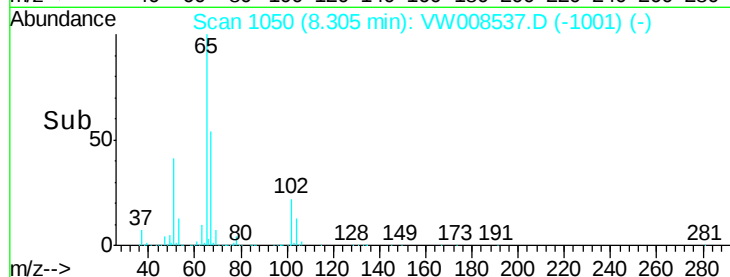
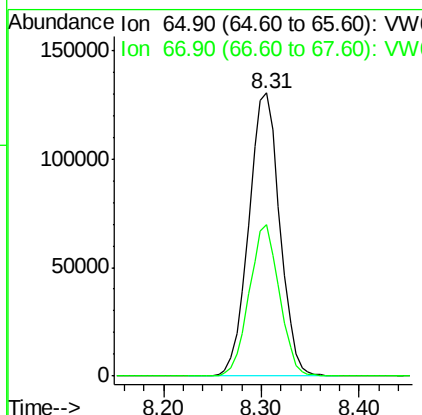
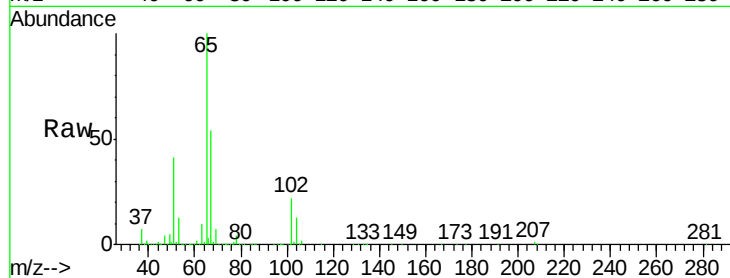




#33
 1,2-Dichloroethane-d4
 Concen: 54.738 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008537.D
 Acq: 06 Feb 2019 19:28

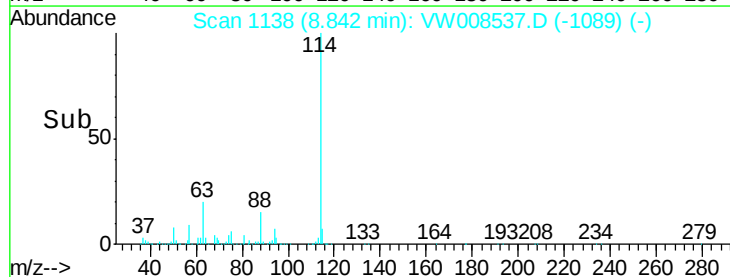
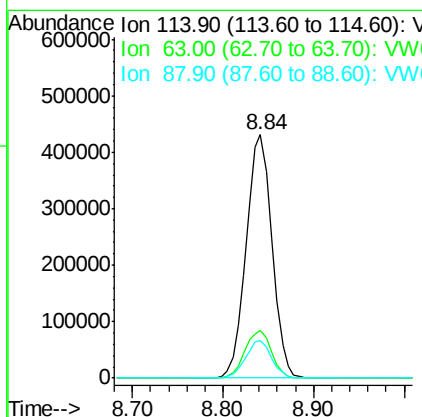
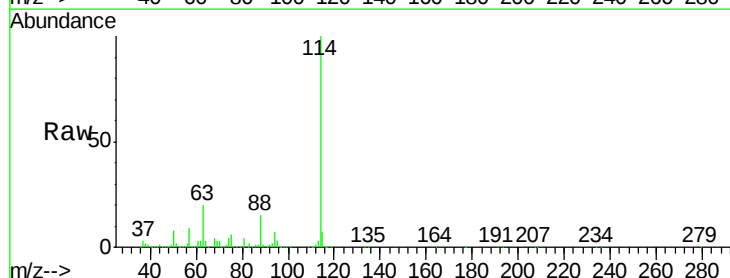
Instrument :
 MSVOA_W
 ClientSampleId :
 M-4

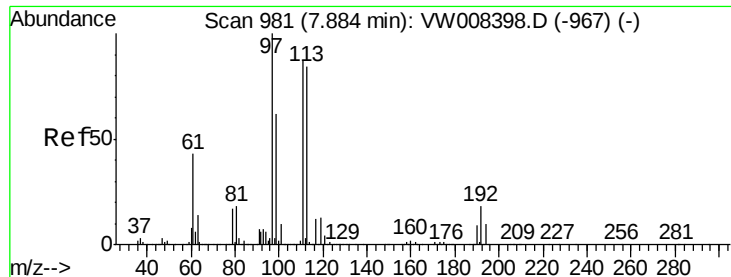
Tot Ion: 65 Resp: 286446
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008537.D
 Acq: 06 Feb 2019 19:28

Tgt Ion: 114 Resp: 849115
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.6
 88 15.2 0.0 31.8

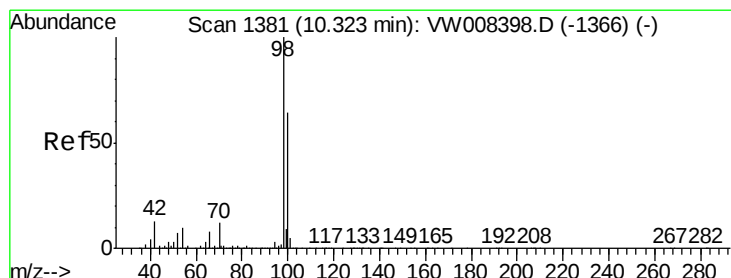
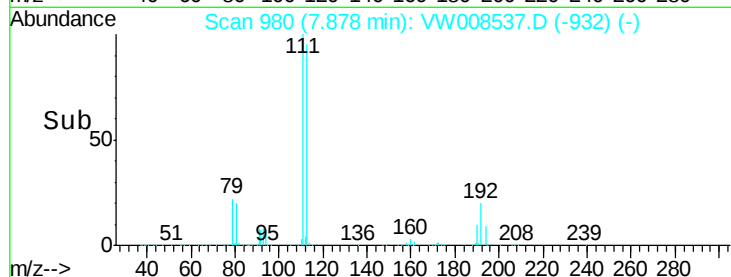
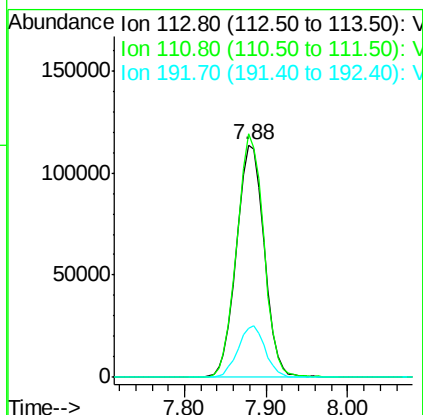
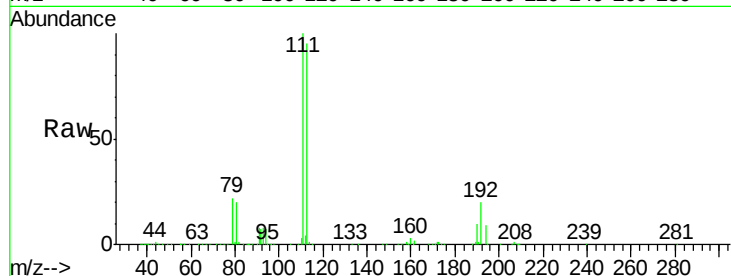




#35
Dibromofluoromethane
Concen: 53.909 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008537.D
Acq: 06 Feb 2019 19:28

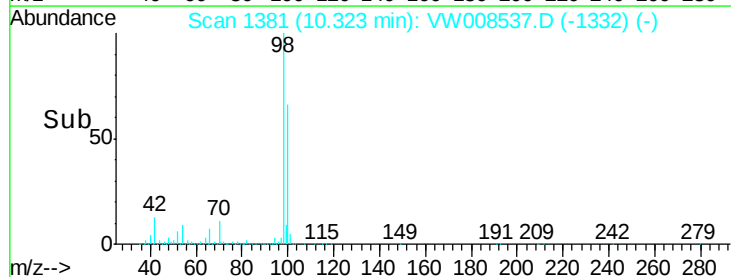
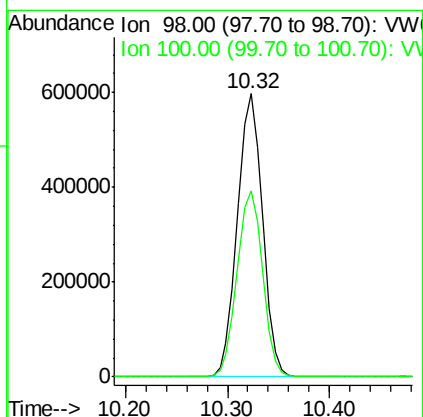
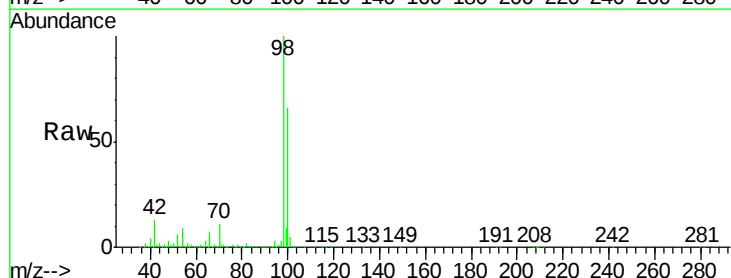
Instrument :
MSVOA_W
ClientSampled :
M-4

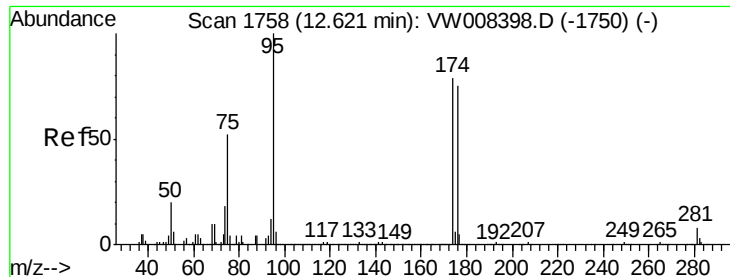
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	21.6	16.8	25.2



#50
Toluene-d8
Concen: 51.163 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008537.D
Acq: 06 Feb 2019 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 50.415 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008537.D

Acq: 06 Feb 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

M-4

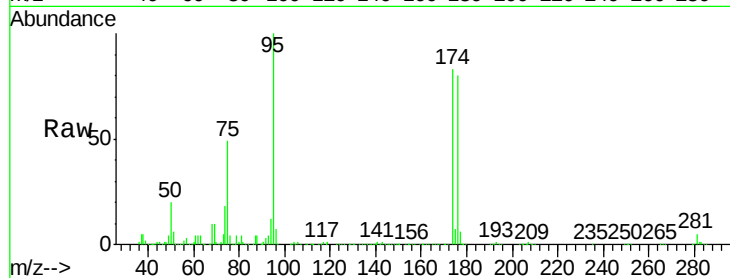
Tot Ion: 95 Resp: 385836

Ion Ratio Lower Upper

95 100

174 83.3 0.0 157.6

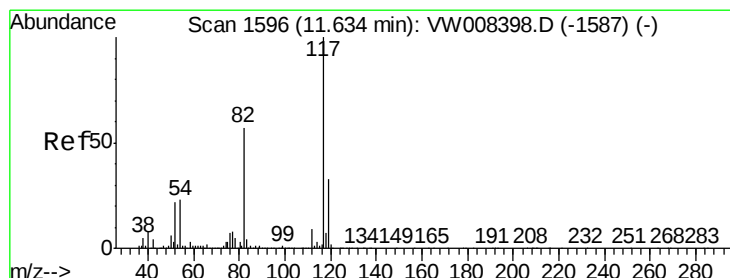
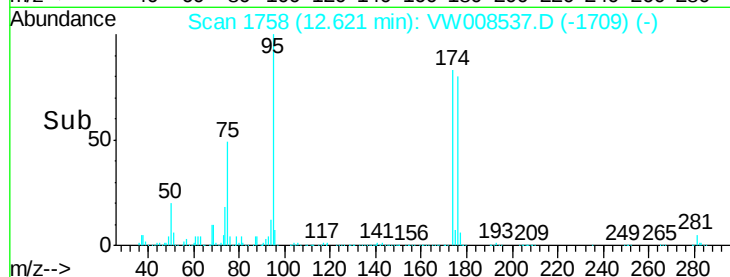
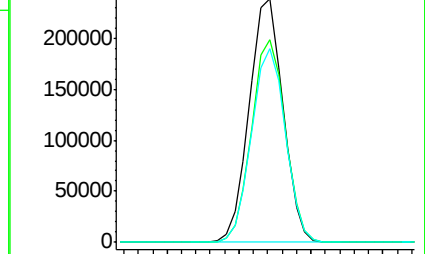
176 80.1 0.0 151.8



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: VW008537.D

Acq: 06 Feb 2019 19:28

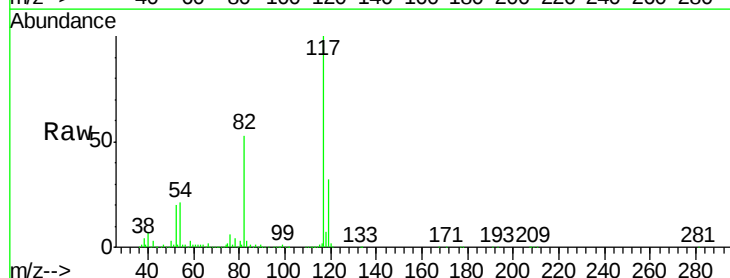
Tgt Ion: 117 Resp: 793549

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

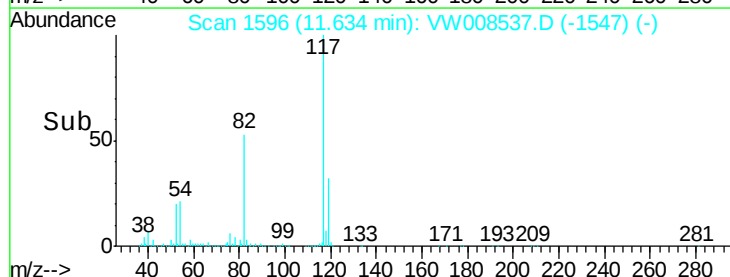
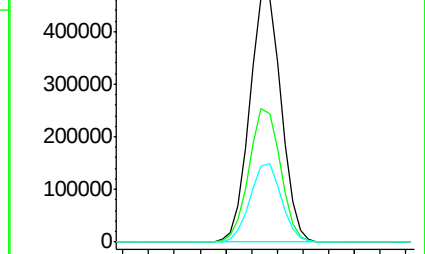
119 32.2 26.2 39.4

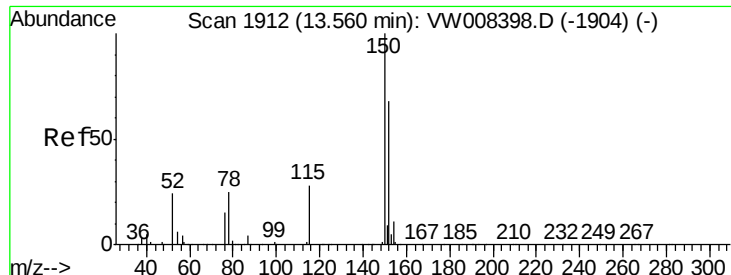


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008537.D

Acq: 06 Feb 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

M-4

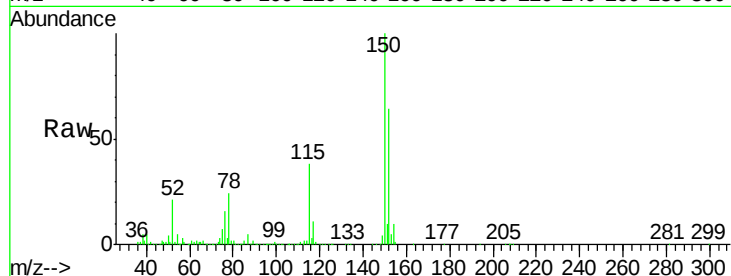
Tot Ion:152 Resp: 396385

Ion Ratio Lower Upper

152 100

115 58.1 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

