

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008487.D
 Acq On : 01 Feb 2019 17:44
 Operator : SY/VA
 Sample : K1292-01
 Misc : 3.47G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1

Quant Time: Feb 02 02:20:07 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

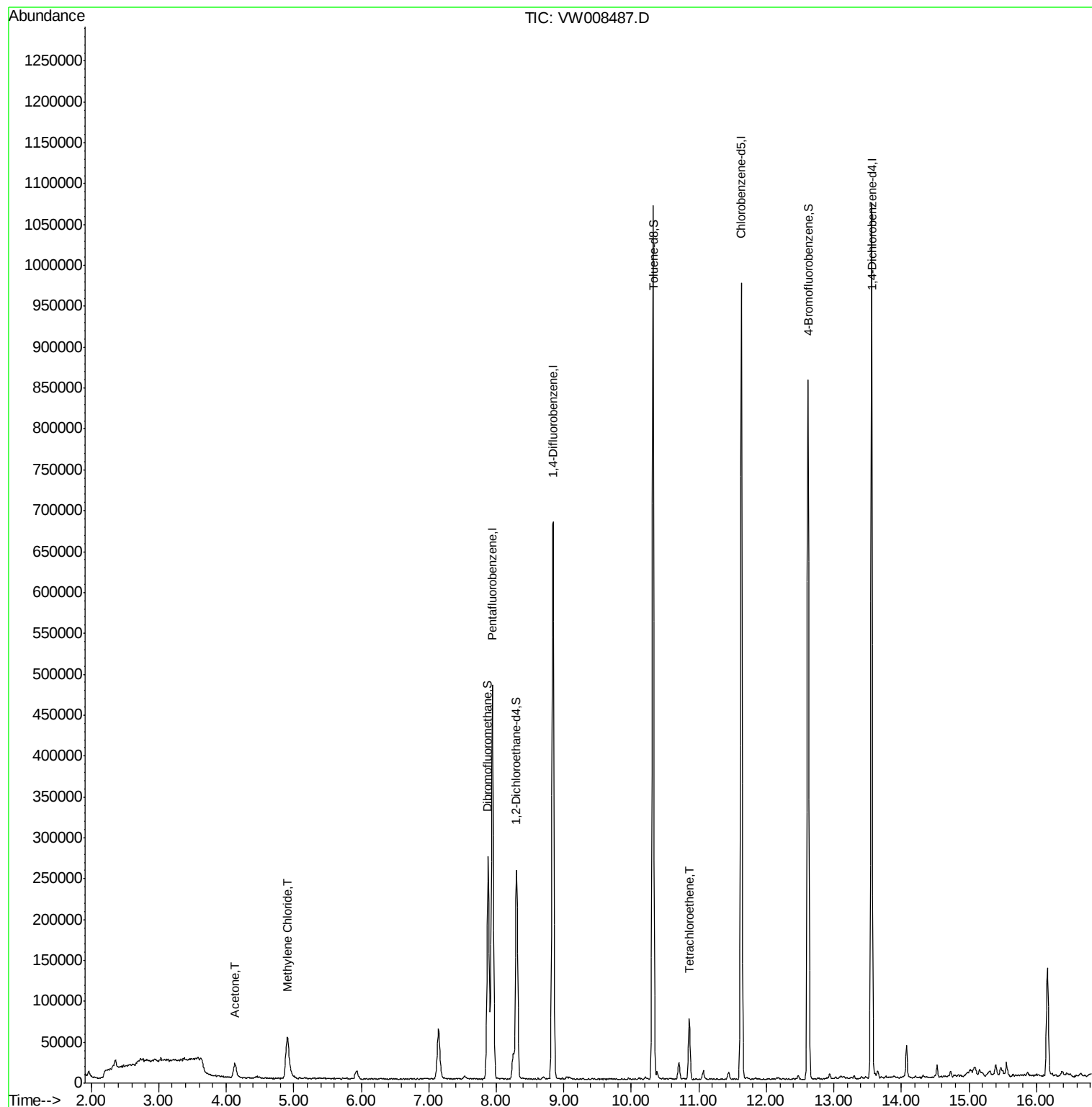
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	600626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	543995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	279076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	196541	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	187588	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.32	98	708653	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	270818	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
Target Compounds						
16) Acetone	4.13	43	32042	38.548	ug/l #	89
20) Methylene Chloride	4.91	84	45045	11.758	ug/l	92
64) Tetrachloroethene	10.86	164	15322	4.160	ug/l	96

(#) = 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: VW008487.D

Acq: 01 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

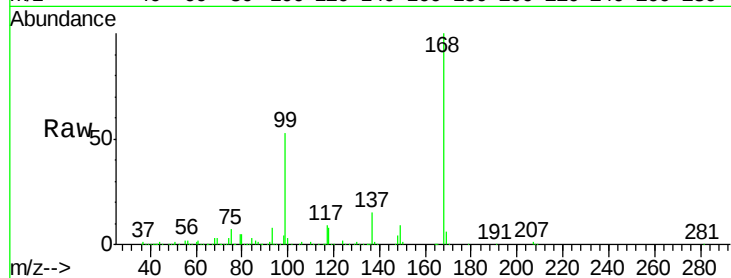
WC-1

Tot Ion:168 Resp: 376775

Ion Ratio Lower Upper

168 100

99 52.8 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

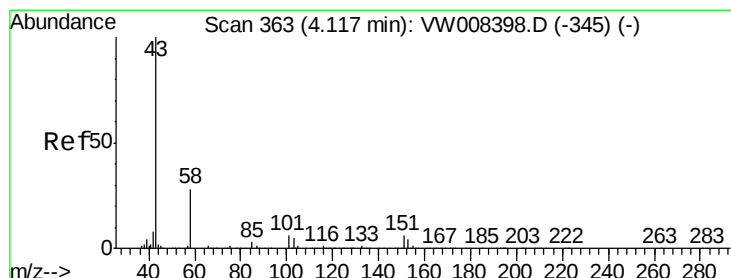
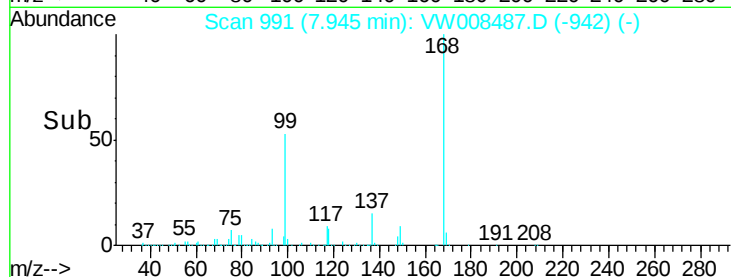
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 38.548 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008487.D

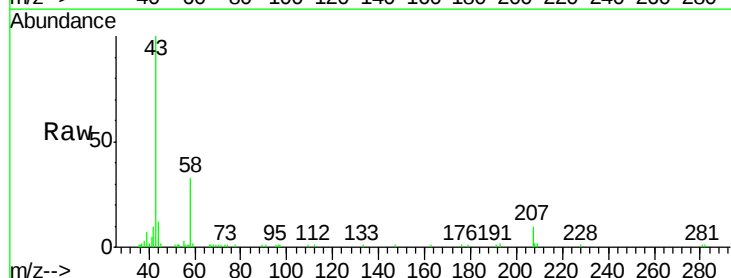
Acq: 01 Feb 2019 17:44

Tgt Ion: 43 Resp: 32042

Ion Ratio Lower Upper

43 100

58 34.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

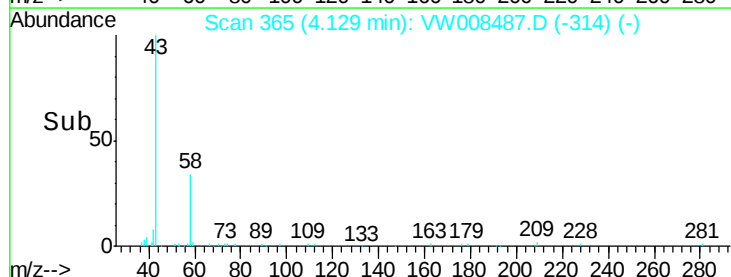
6000

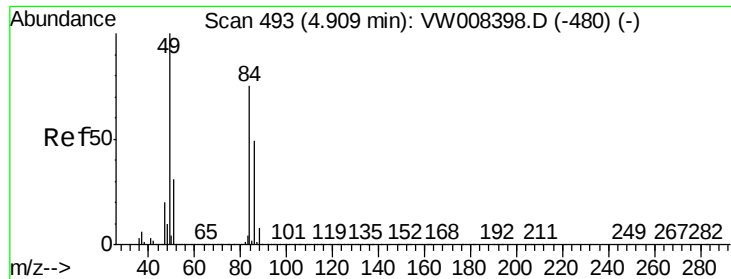
4000

2000

0

Time--> 4.00 4.10 4.20

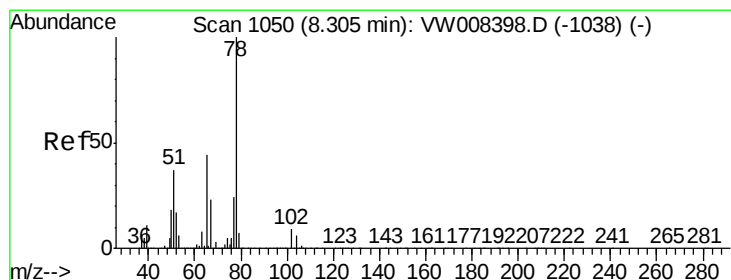
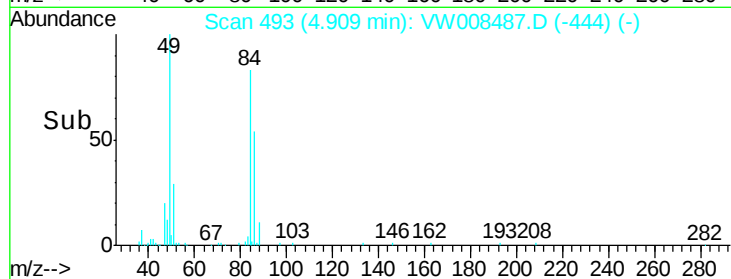
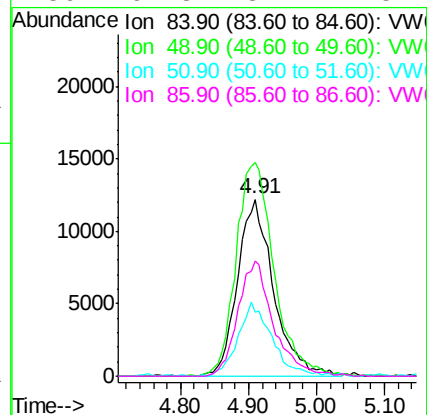
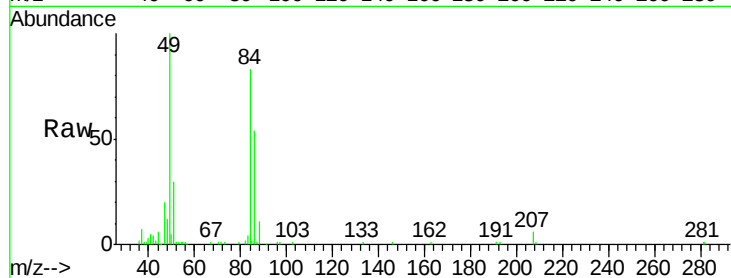




#20
Methylene Chloride
Concen: 11.758 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008487.D
Acq: 01 Feb 2019 17:44

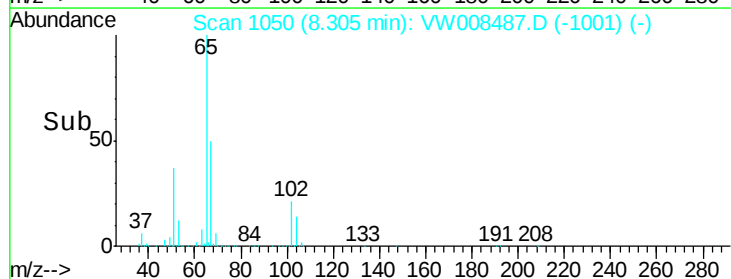
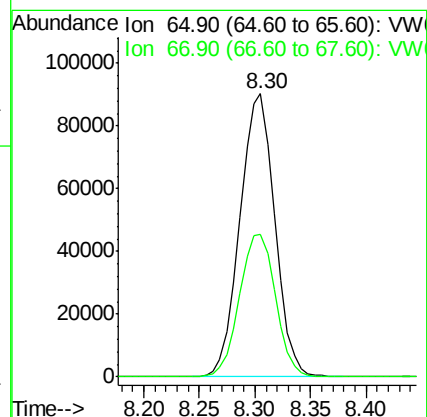
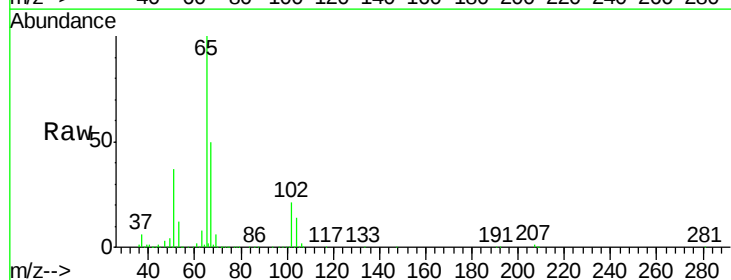
Instrument :
MSVOA_W
ClientSampled :
WC-1

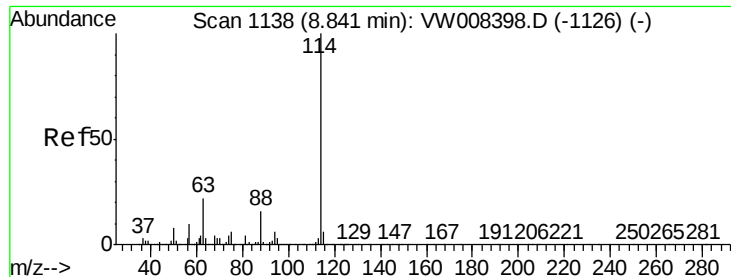
Tot Ion: 84 Resp: 45045
Ion Ratio Lower Upper
84 100
49 119.8 106.8 160.2
51 36.0 32.9 49.3
86 64.8 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008487.D
Acq: 01 Feb 2019 17:44

Tgt Ion: 65 Resp: 196541
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

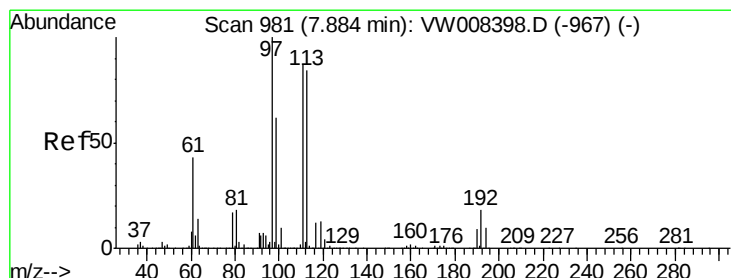
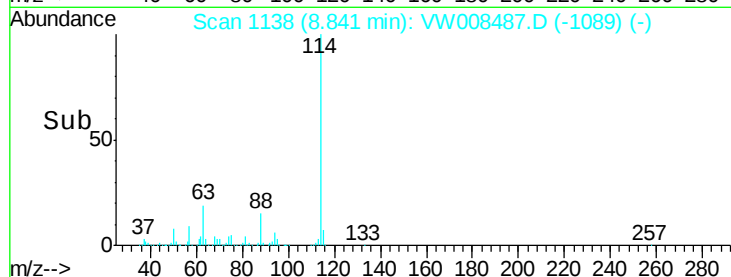
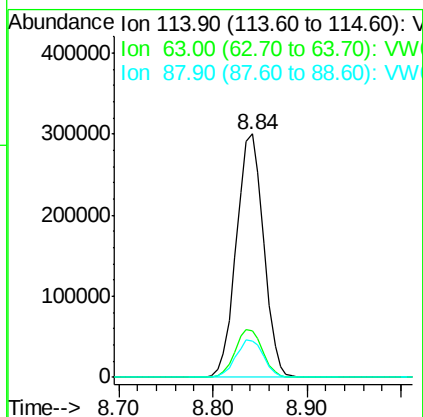
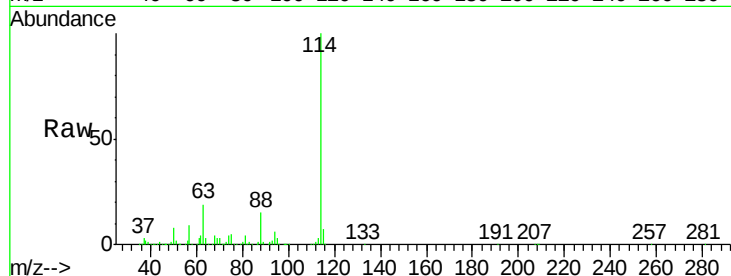




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008487.D
 Acq: 01 Feb 2019 17:44

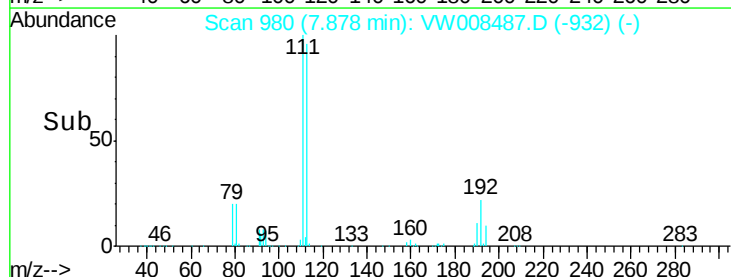
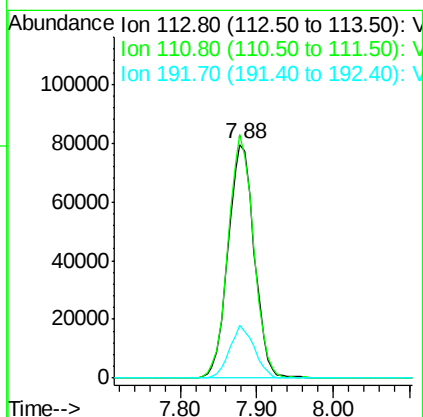
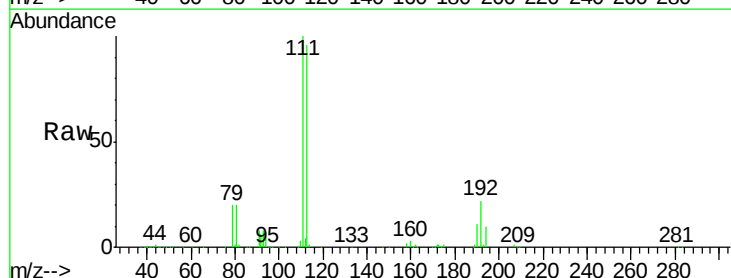
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1

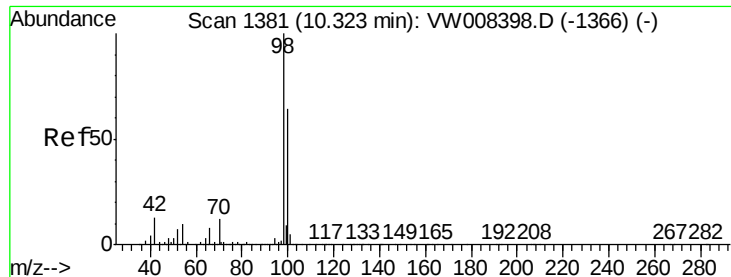
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.6
88	15.1	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.412 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008487.D
 Acq: 01 Feb 2019 17:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.4
192	21.5	16.8	25.2





#50

Toluene-d8

Concen: 50.318 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008487.D

Acq: 01 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

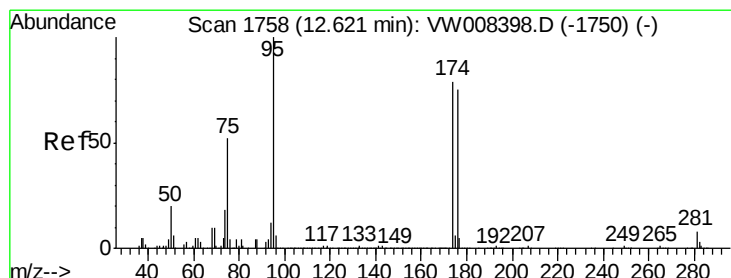
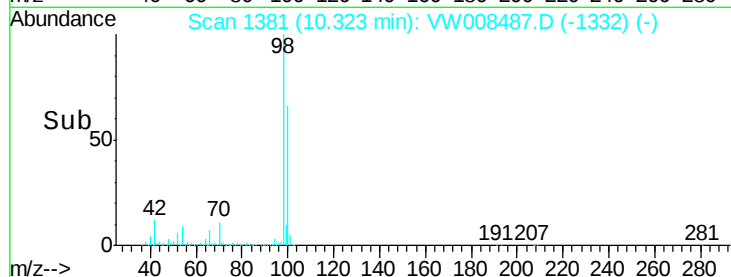
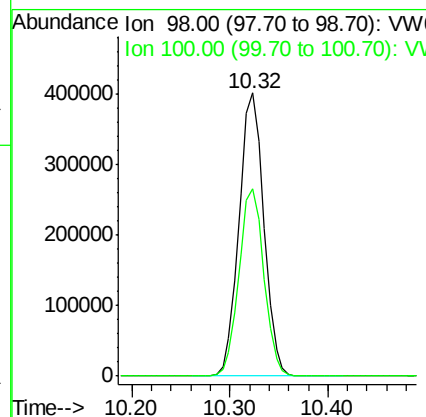
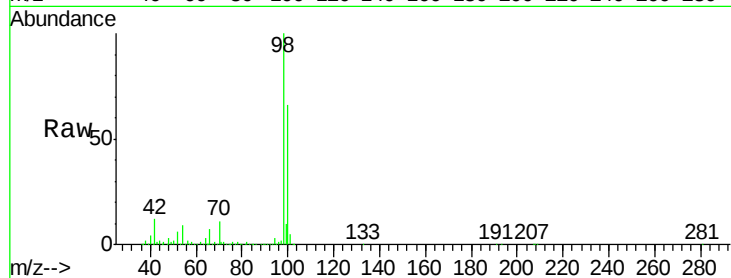
WC-1

Tot Ion: 98 Resp: 708653

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.027 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008487.D

Acq: 01 Feb 2019 17:44

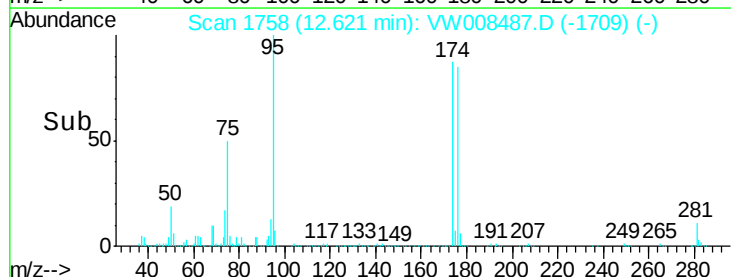
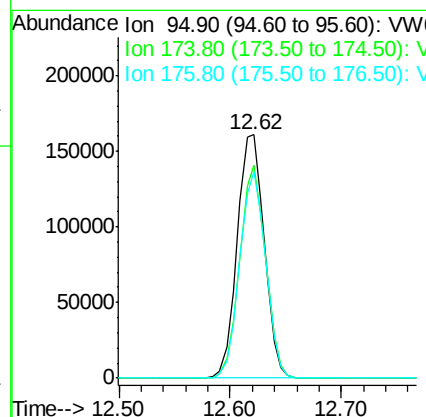
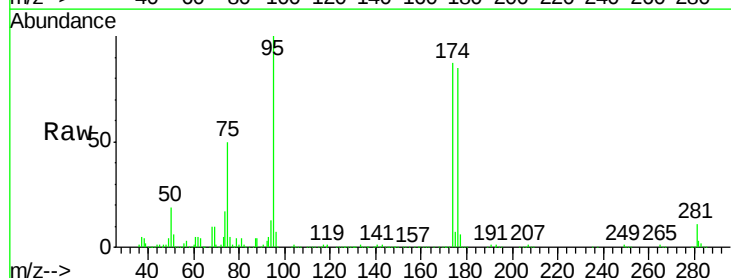
Tgt Ion: 95 Resp: 270818

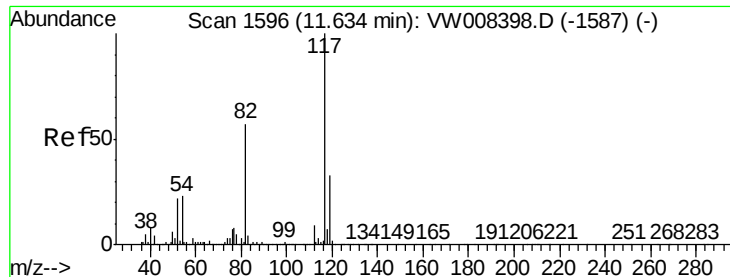
Ion Ratio Lower Upper

95 100

174 83.1 0.0 157.6

176 81.5 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: VW008487.D

Acq: 01 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

WC-1

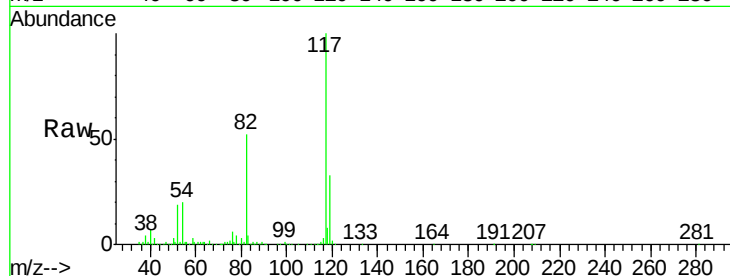
Tot Ion:117 Resp: 543995

Ion Ratio Lower Upper

117 100

82 52.5 45.4 68.0

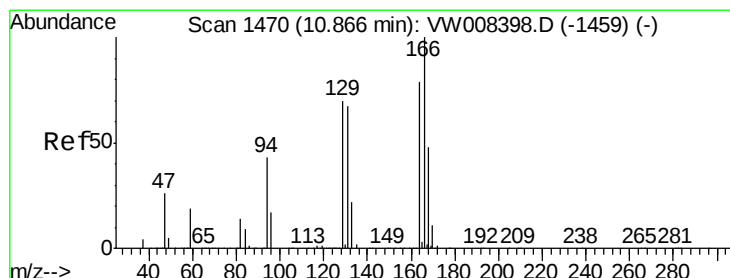
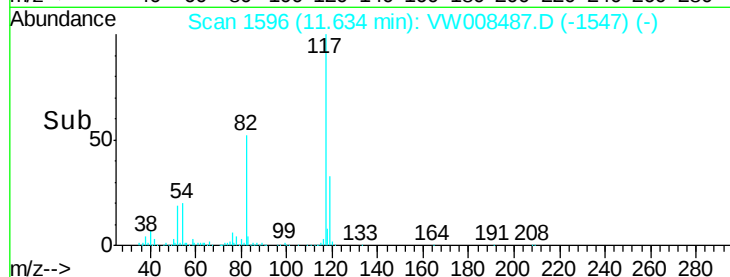
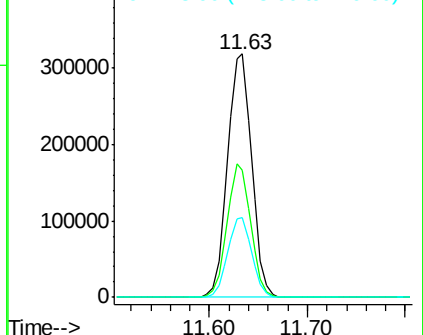
119 33.0 26.2 39.4



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



#64

Tetrachloroethene

Concen: 4.160 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW008487.D

Acq: 01 Feb 2019 17:44

Tgt Ion:164 Resp: 15322

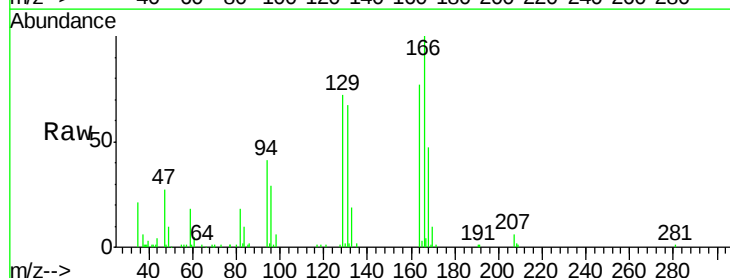
Ion Ratio Lower Upper

164 100

166 130.6 101.4 152.0

129 94.6 71.0 106.6

131 87.6 68.3 102.5

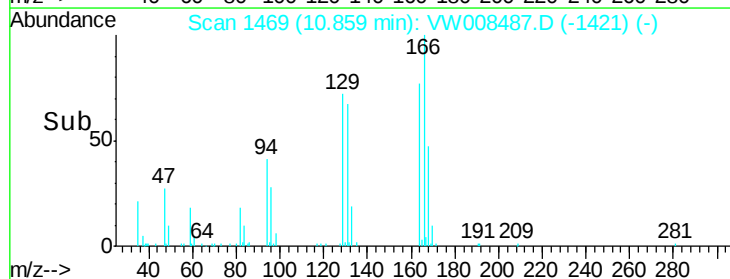
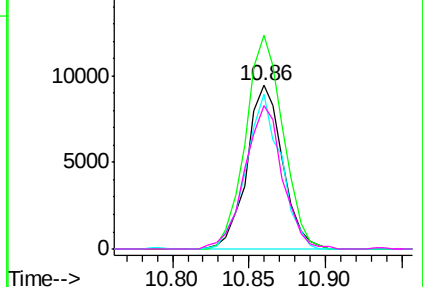


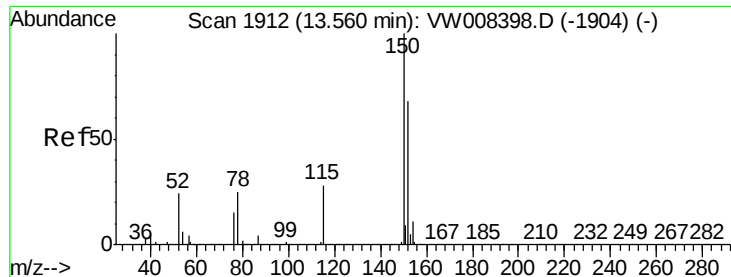
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW008487.D

Acq: 01 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

WC-1

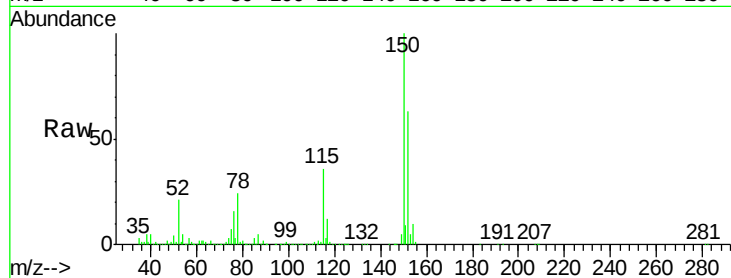
Tot Ion:152 Resp: 279076

Ion Ratio Lower Upper

152 100

115 57.0 29.9 89.7

150 155.5 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

