

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008882.D
 Acq On : 28 Feb 2019 12:53
 Operator : SY/VA
 Sample : K1650-02
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1(17-18)

Quant Time: Mar 01 07:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

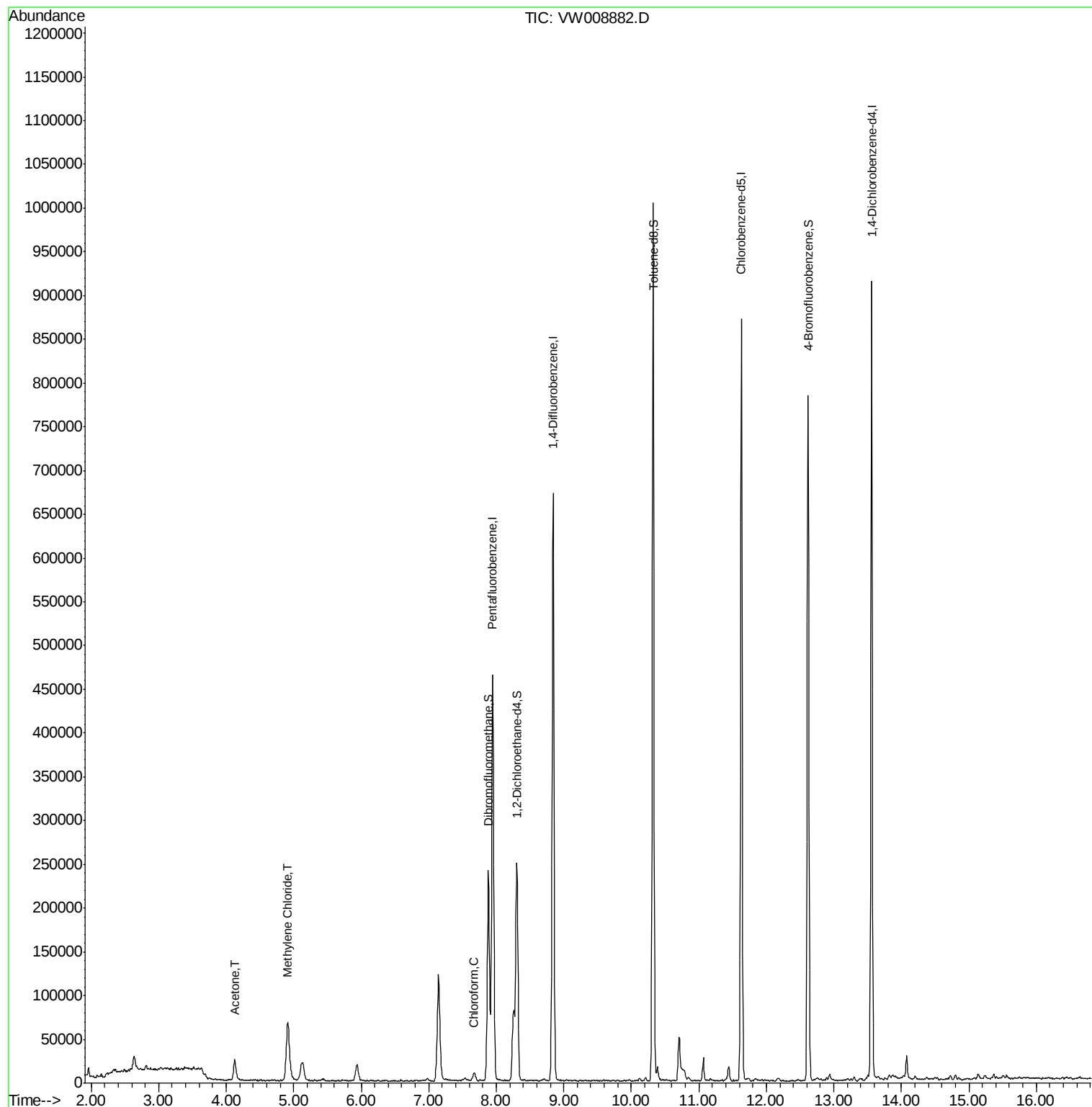
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	356567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	543514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	191868	57.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.74%	
35) Dibromofluoromethane	7.88	113	163108	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.32	98	644505	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	223586	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	4.13	43	39745	51.272	ug/l	99
20) Methylene Chloride	4.91	84	52077	9.499	ug/l	96
30) Chloroform	7.68	83	6633	1.038	ug/l	88

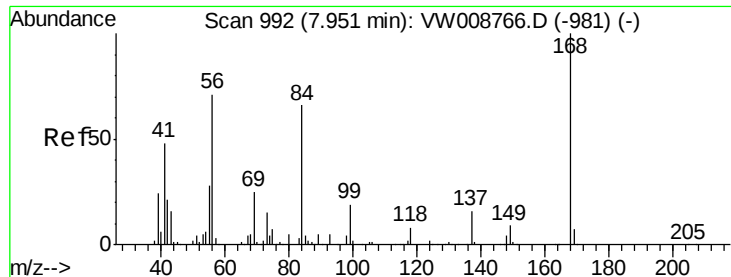
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008882.D

Acq: 28 Feb 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

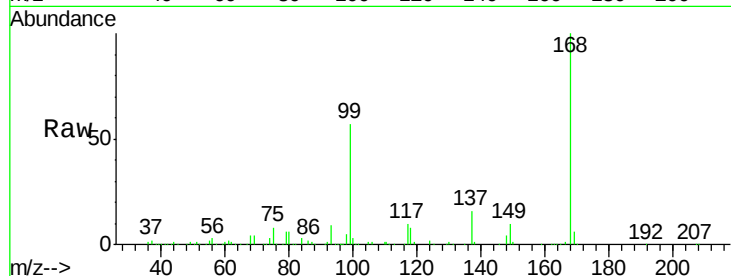
B-1(17-18)

Tot Ion:168 Resp: 356567

Ion Ratio Lower Upper

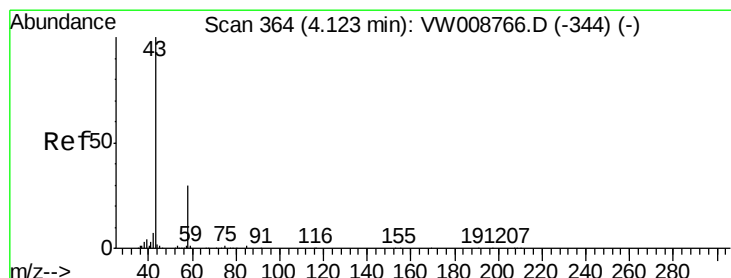
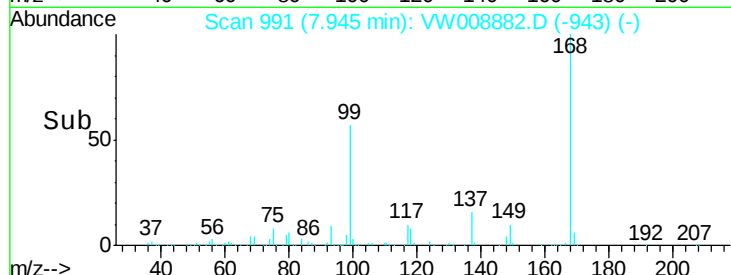
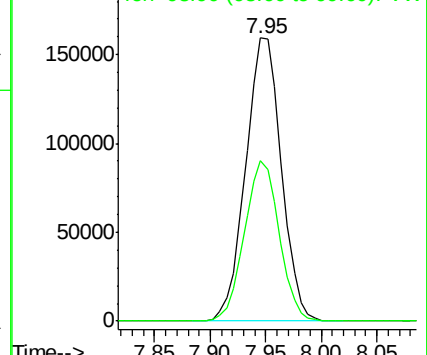
168 100

99 56.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 51.272 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008882.D

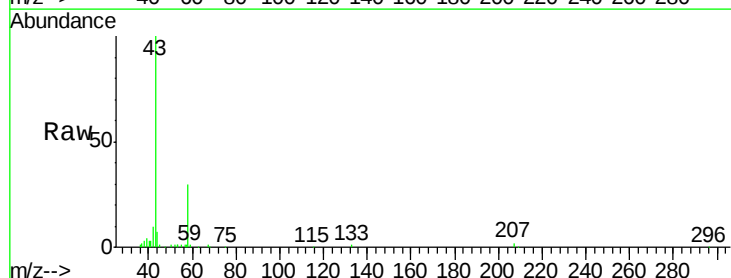
Acq: 28 Feb 2019 12:53

Tgt Ion: 43 Resp: 39745

Ion Ratio Lower Upper

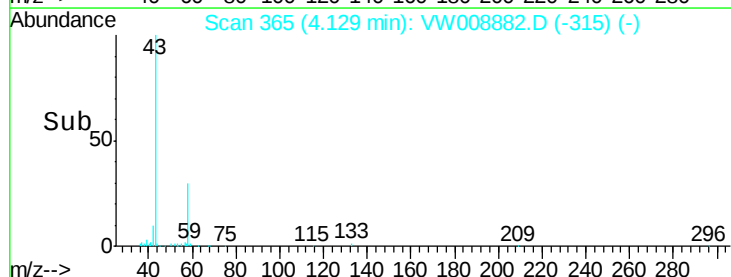
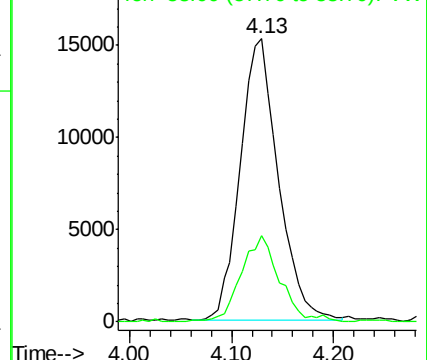
43 100

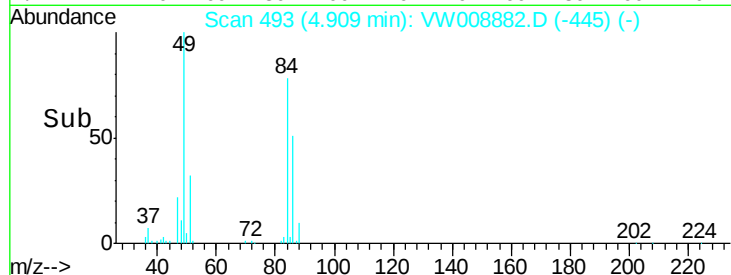
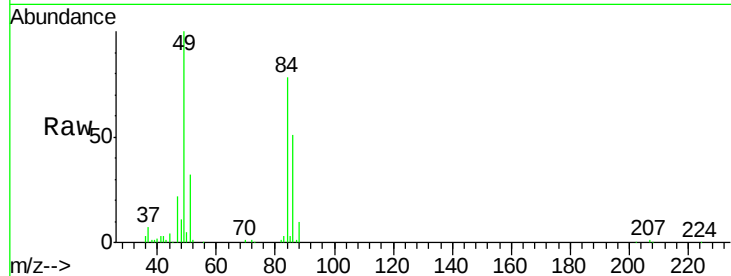
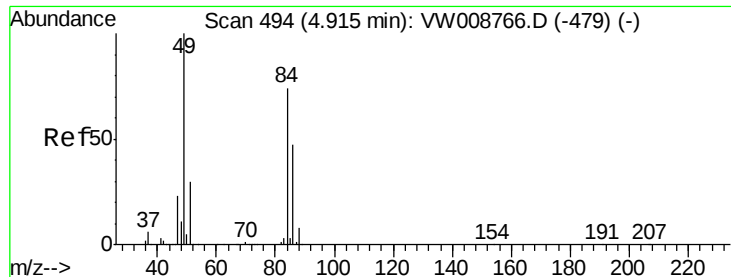
58 30.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

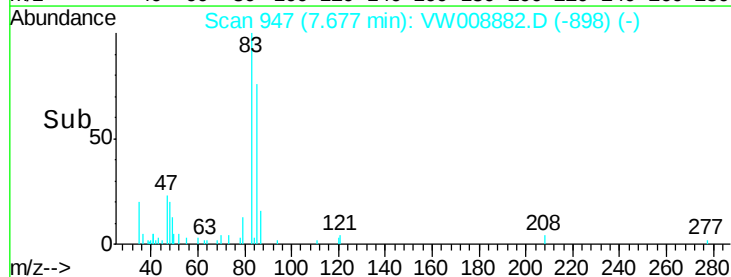
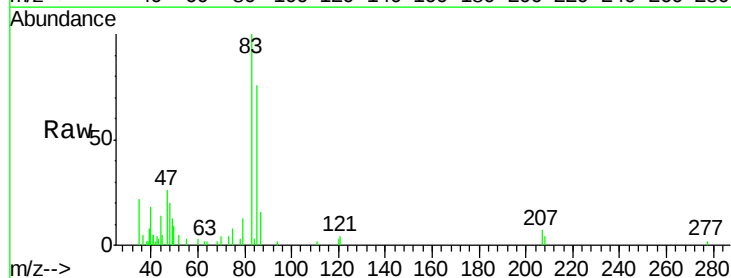
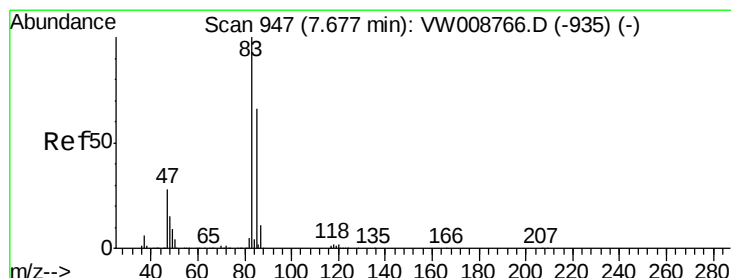
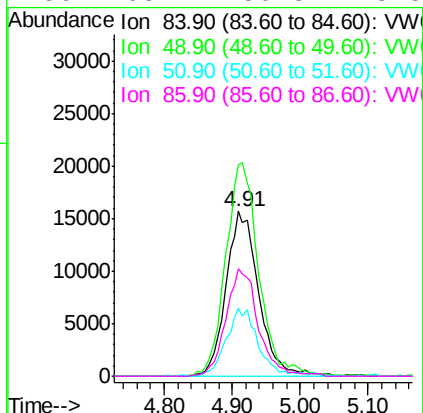




#20
Methvlene Chloride
Concen: 9.499 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008882.D
Acq: 28 Feb 2019 12:53

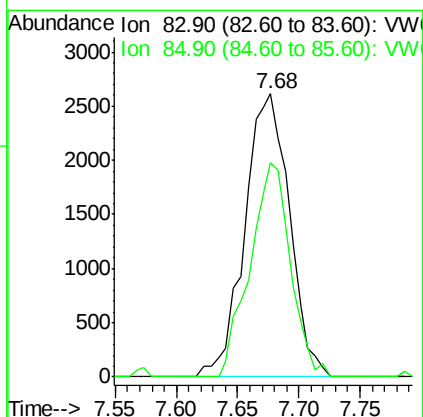
Instrument :
MSVOA_W
ClientSampleId :
B-1(17-18)

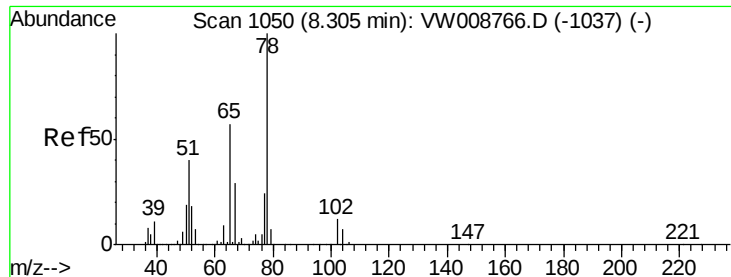
Tot Ion	84	Resp	52077
Ion	Ratio	Lower	Upper
84	100		
49	127.6	108.2	162.2
51	40.9	32.7	49.1
86	65.4	50.3	75.5



#30
Chloroform
Concen: 1.038 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008882.D
Acq: 28 Feb 2019 12:53

Tgt Ion	83	Resp	6633
Ion	Ratio	Lower	Upper
83	100		
85	75.5	52.6	79.0





#33

1,2-Dichloroethane-d4

Concen: 57.372 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008882.D

Acq: 28 Feb 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

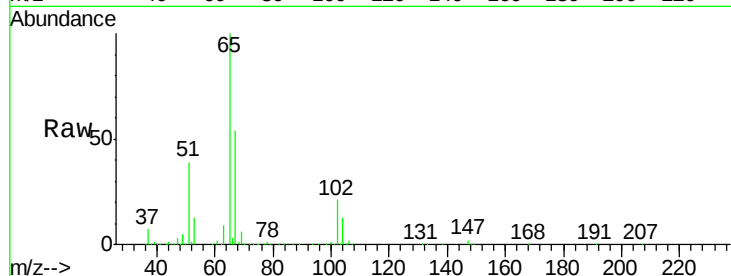
B-1(17-18)

Tot Ion: 65 Resp: 191868

Ion Ratio Lower Upper

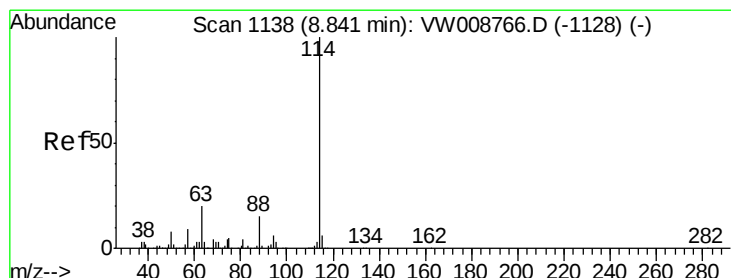
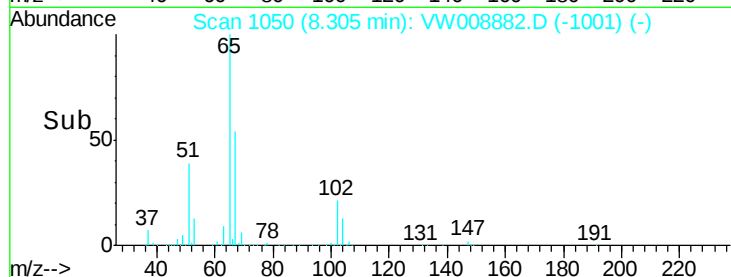
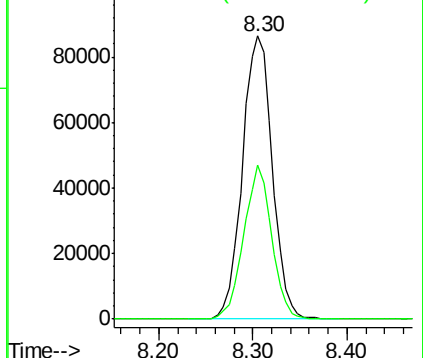
65 100

67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008882.D

Acq: 28 Feb 2019 12:53

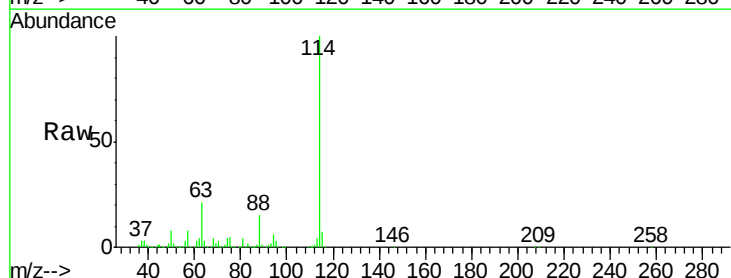
Tgt Ion: 114 Resp: 543514

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

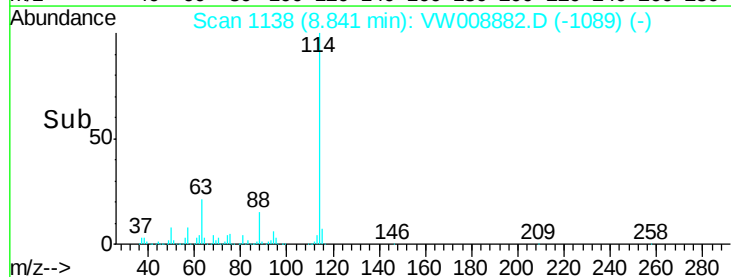
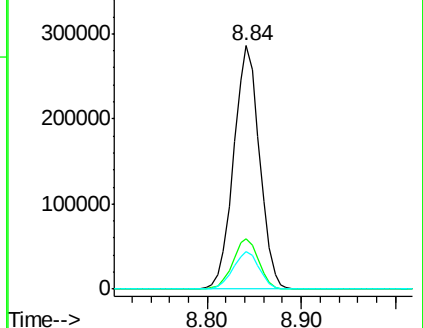
88 15.4 0.0 30.4

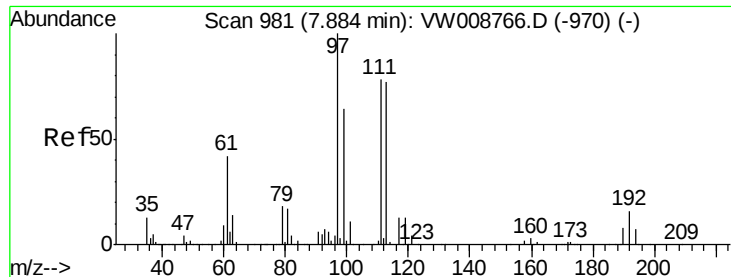


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

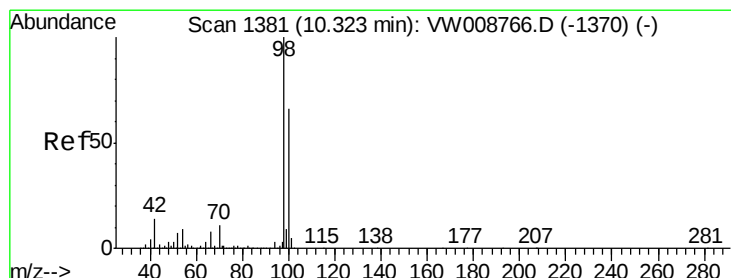
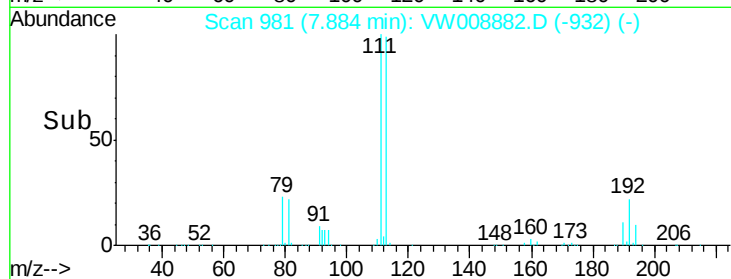
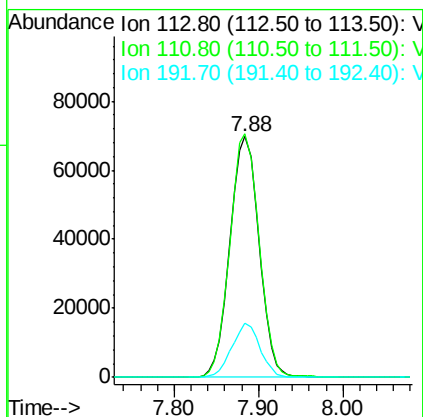
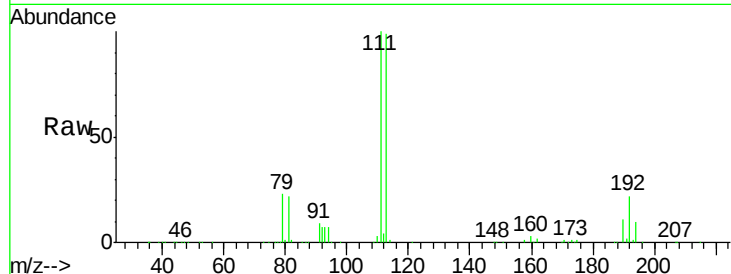




#35
 Dibromofluoromethane
 Concen: 49.982 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008882.D
 Acq: 28 Feb 2019 12:53

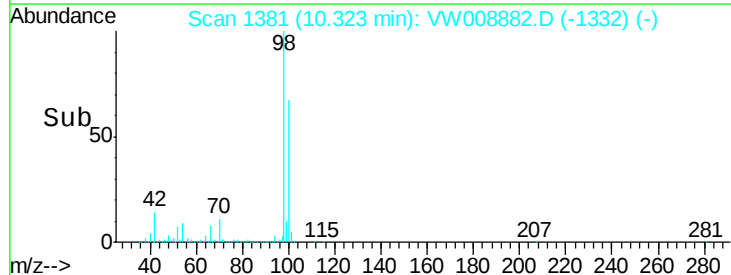
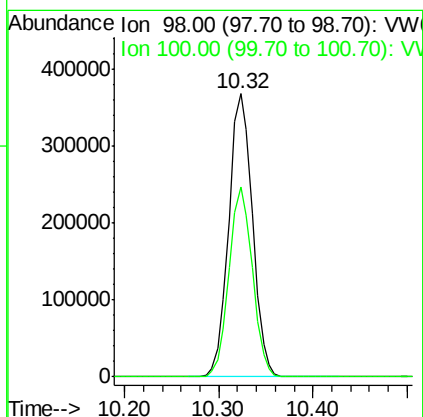
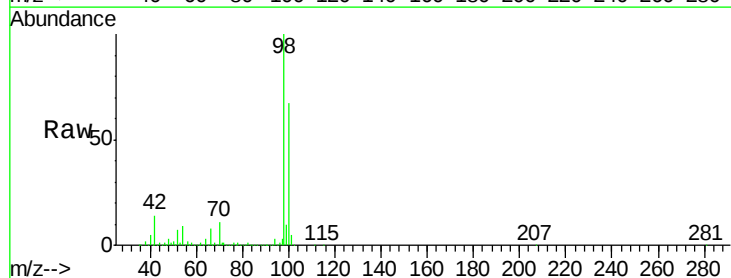
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1(17-18)

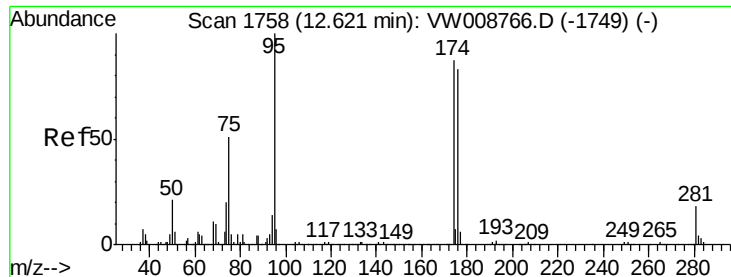
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	21.7	17.1	25.7



#50
 Toluene-d8
 Concen: 51.162 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008882.D
 Acq: 28 Feb 2019 12:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 45.330 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008882.D

Acq: 28 Feb 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

B-1(17-18)

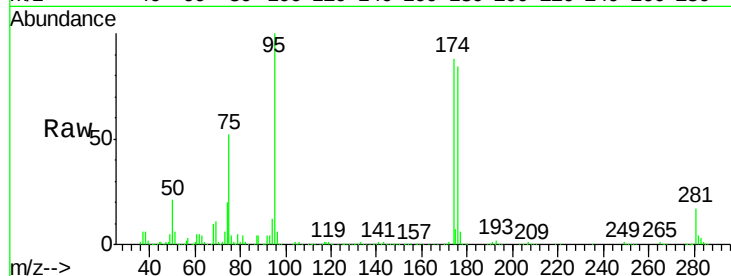
Tot Ion: 95 Resp: 223586

Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.2

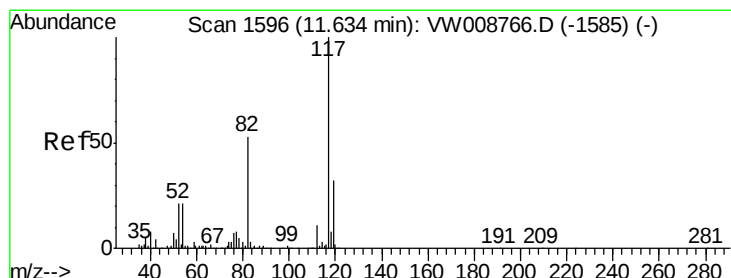
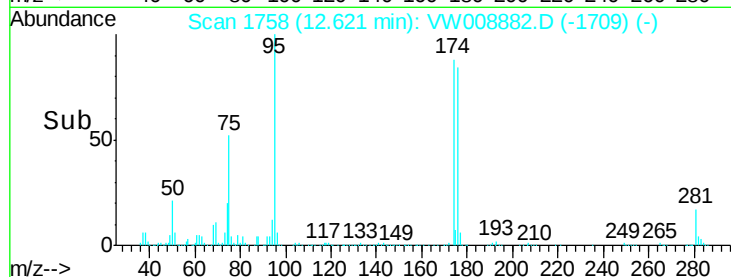
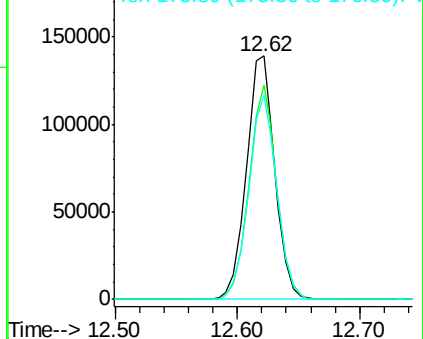
176 83.2 0.0 163.6



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: VW008882.D

Acq: 28 Feb 2019 12:53

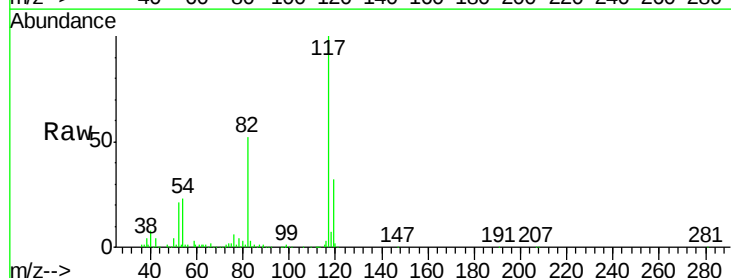
Tgt Ion: 117 Resp: 480728

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

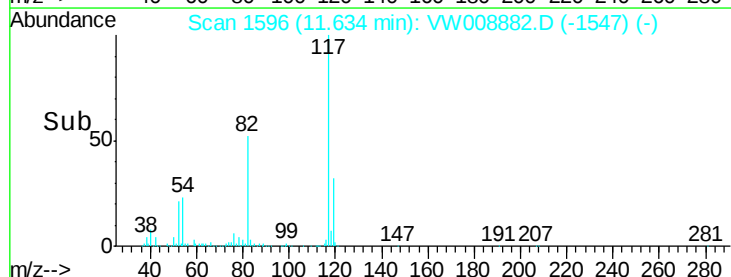
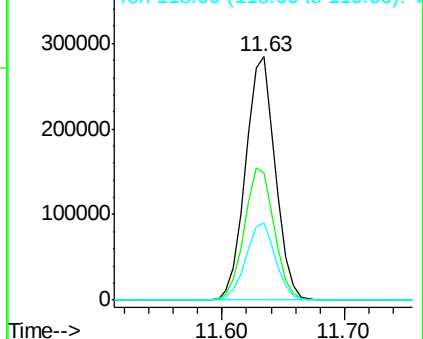
119 32.0 25.9 38.9

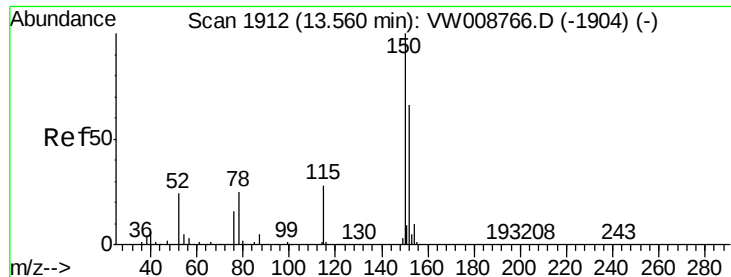


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008882.D

Acq: 28 Feb 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

B-1(17-18)

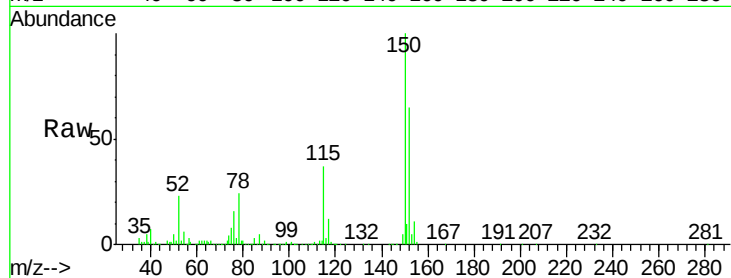
Tot Ion:152 Resp: 230024

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.8

150 155.7 0.0 348.0



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

