

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008841.D
 Acq On : 26 Feb 2019 19:58
 Operator : SY/VA
 Sample : K1594-34
 Misc : 6.81G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-6(9-10)

Quant Time: Feb 27 07:22:19 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

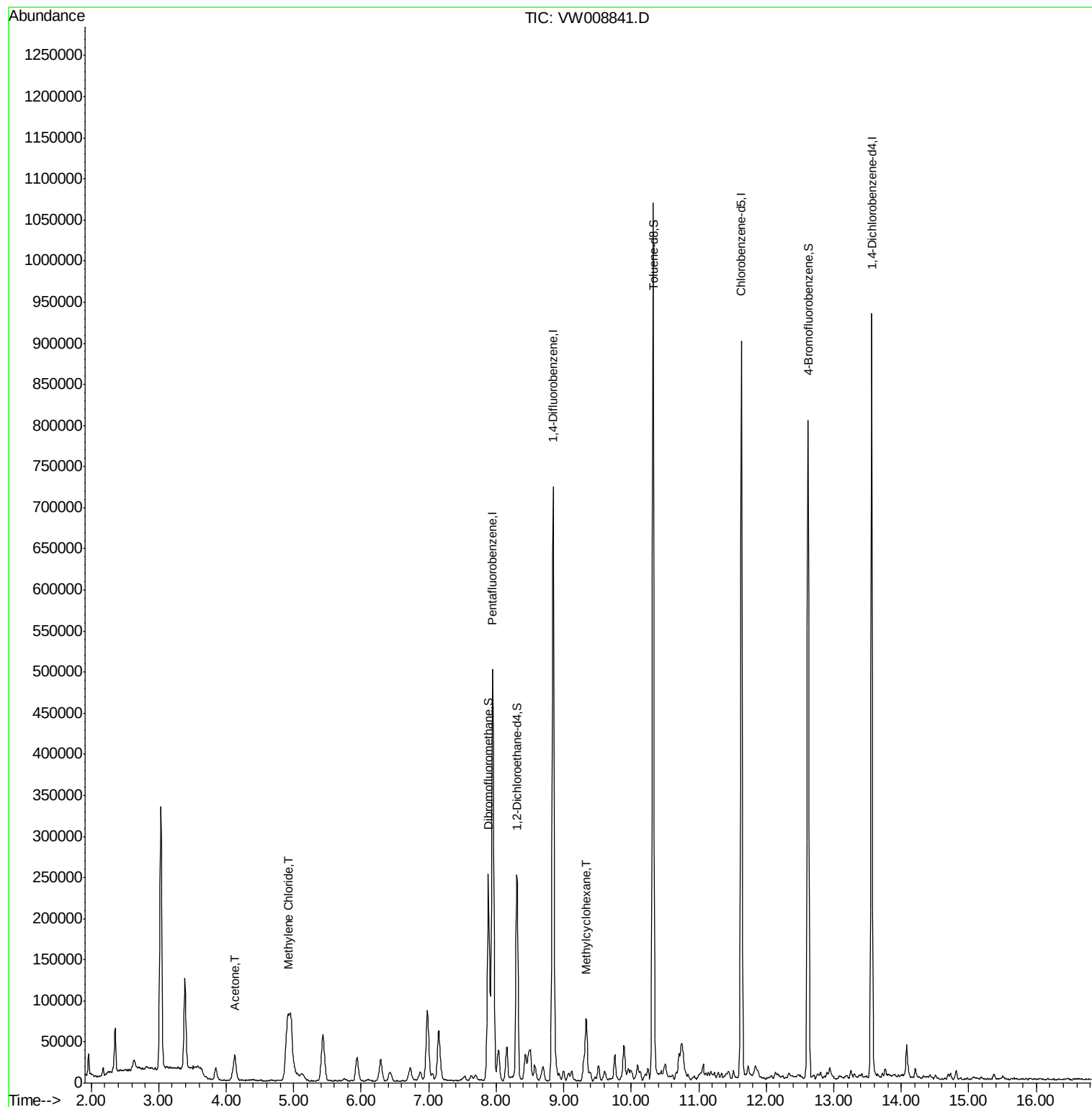
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	493965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	186744	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
35) Dibromofluoromethane	7.88	113	167275	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.32	98	668756	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	229674	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
16) Acetone	4.13	43	53066	67.187	ug/l	98
20) Methylene Chloride	4.92	84	39266	5.550	ug/l	94
39) Methylcyclohexane	9.33	83	26558	3.909	ug/l	97

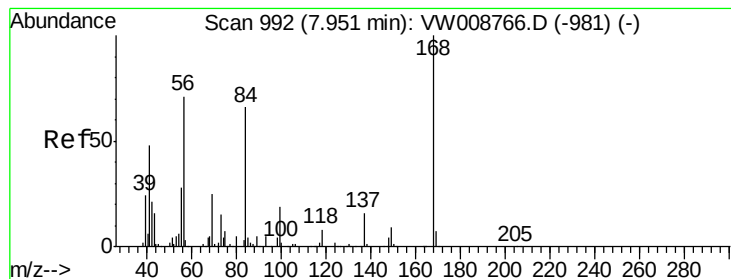
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008841.D

Acq: 26 Feb 2019 19:58

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MSVOA_W

ClientSampleId :

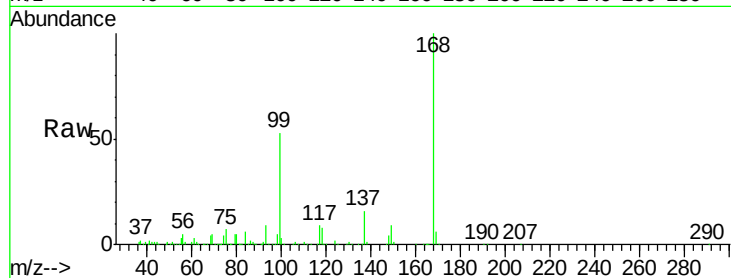
B-6(9-10)

Tot Ion:168 Resp: 363303

Ion Ratio Lower Upper

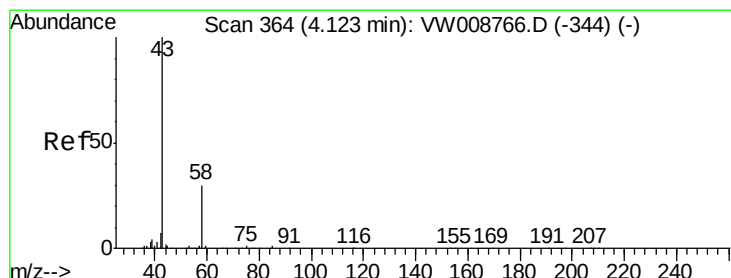
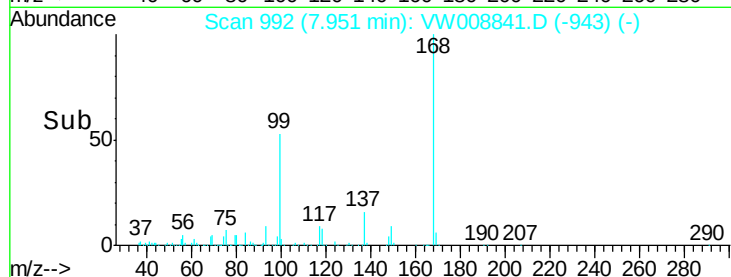
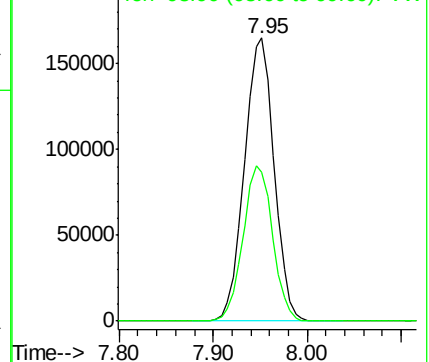
168 100

99 52.8 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: 67.187 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008841.D

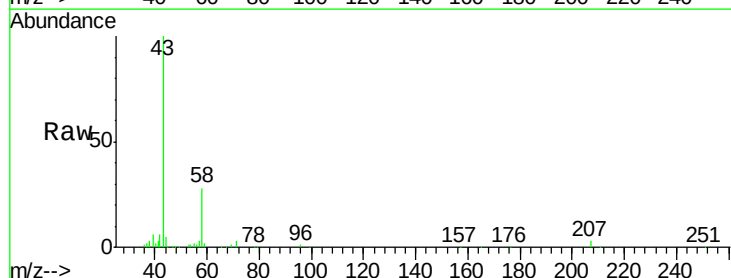
Acq: 26 Feb 2019 19:58

Tgt Ion: 43 Resp: 53066

Ion Ratio Lower Upper

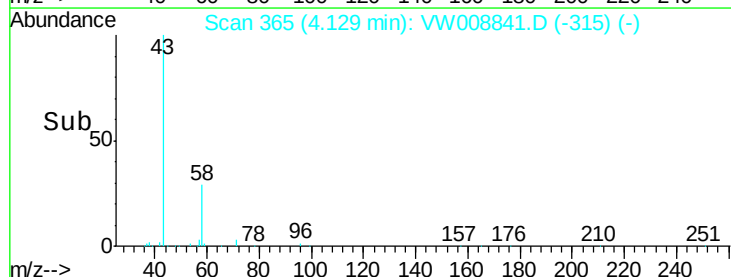
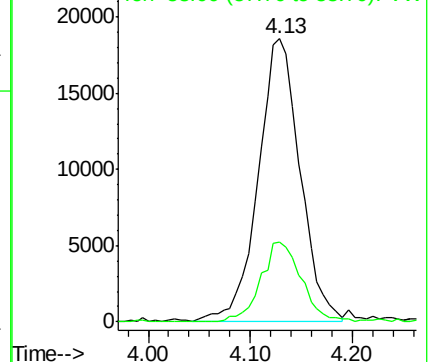
43 100

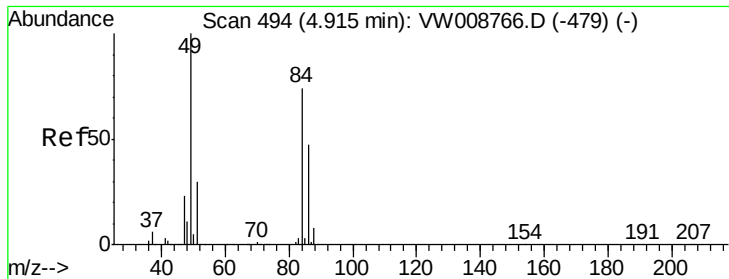
58 28.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

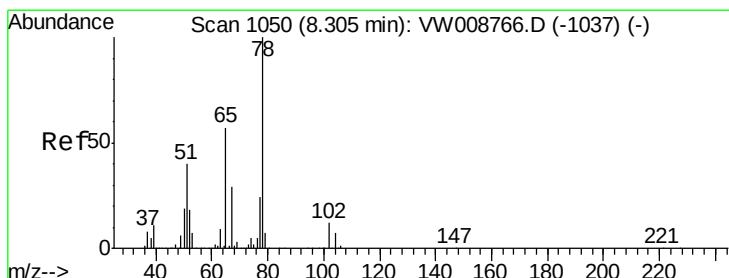
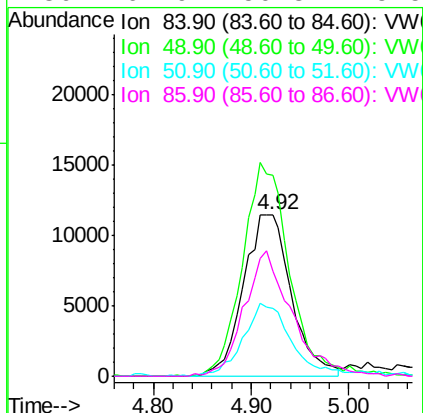
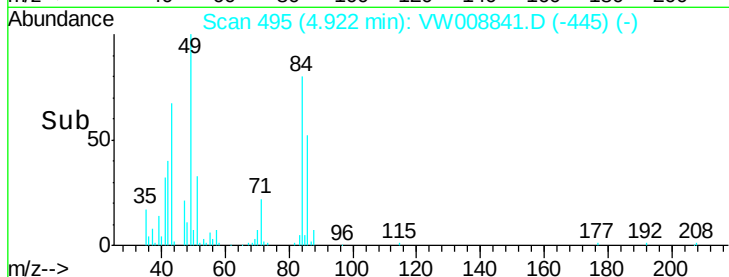
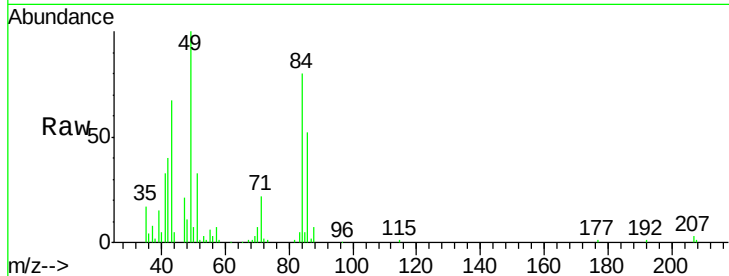




#20
Methylene Chloride
Concen: 5.550 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

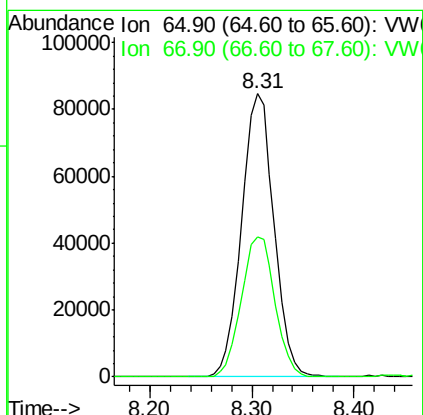
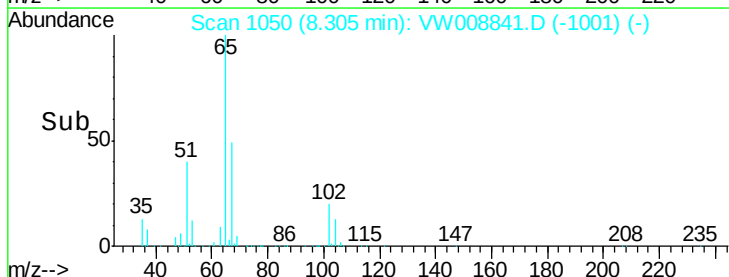
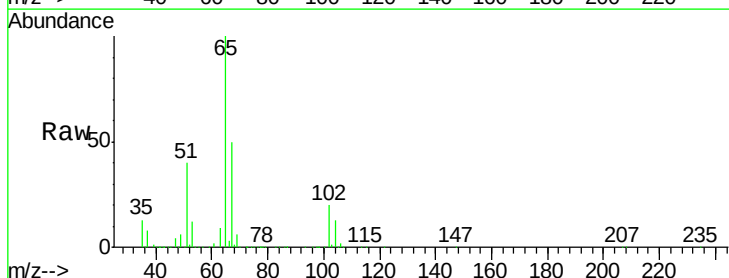
Instrument :
MSVOA_W
ClientSampled :
B-6(9-10)

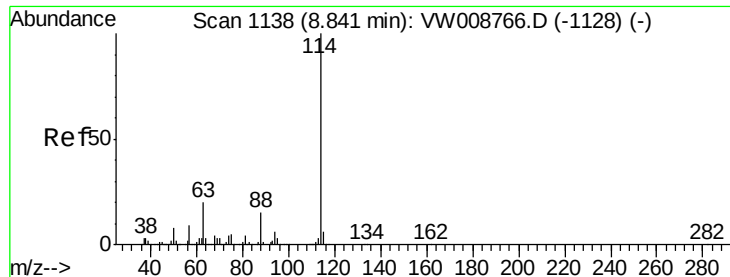
Tot Ion	Ratio	Lower	Upper
84	100		
49	124.6	108.2	162.2
51	41.6	32.7	49.1
86	64.9	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 54.804 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.4

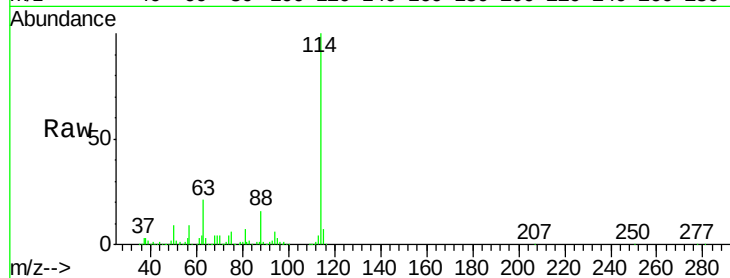




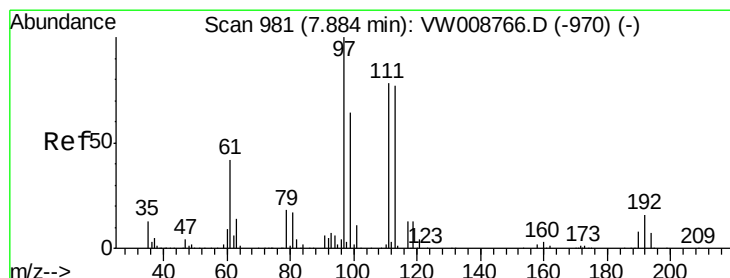
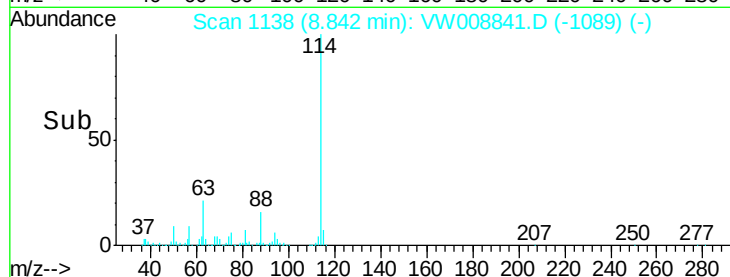
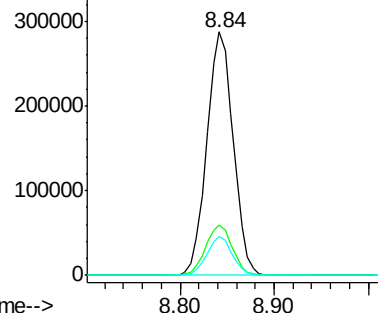
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

Instrument :
MSVOA_W
ClientSampleId :
B-6(9-10)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	15.9	0.0	30.4

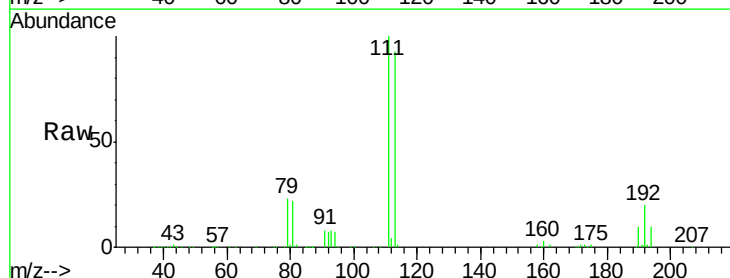


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

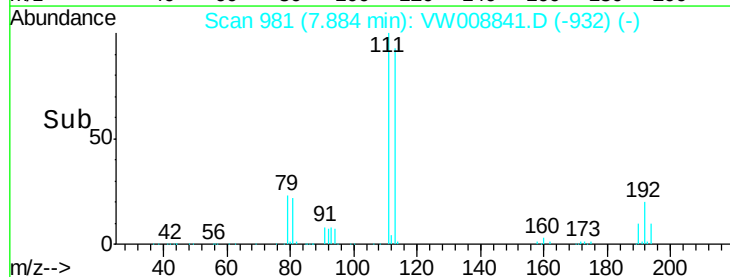
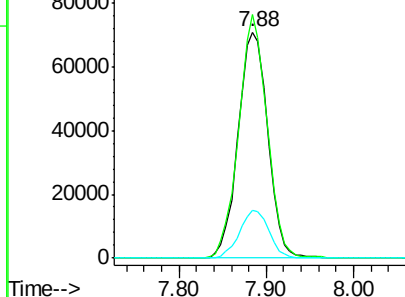


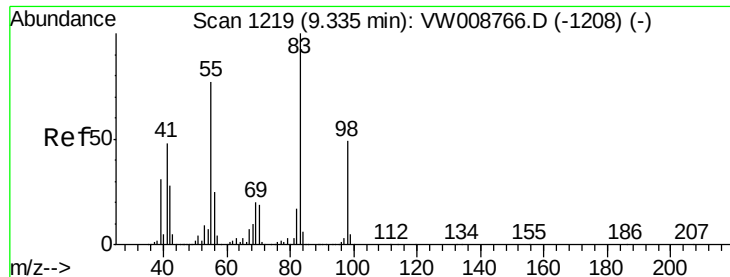
#35
Dibromofluoromethane
Concen: 49.784 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.0	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

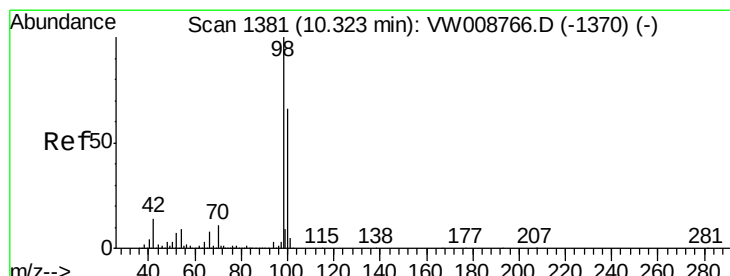
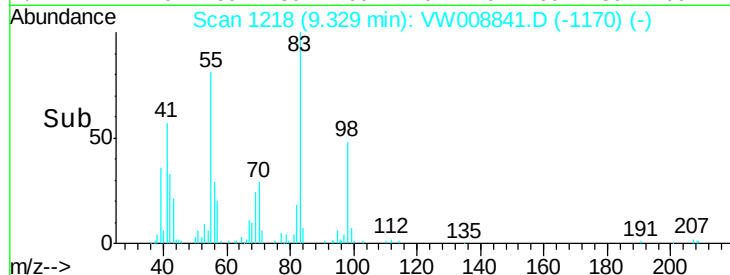
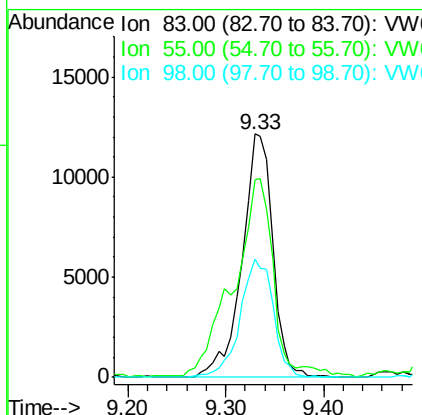
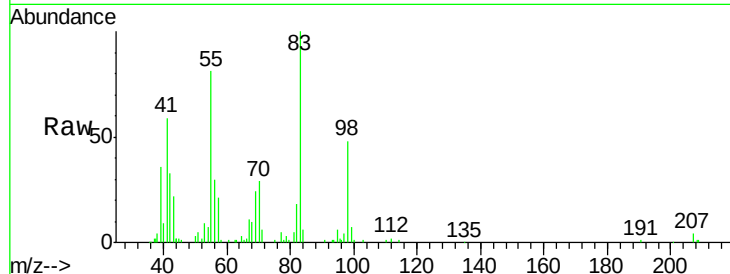




#39
Methylvlcyclohexane
Concen: 3.909 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

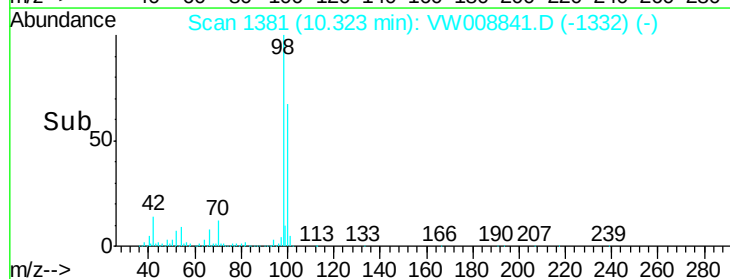
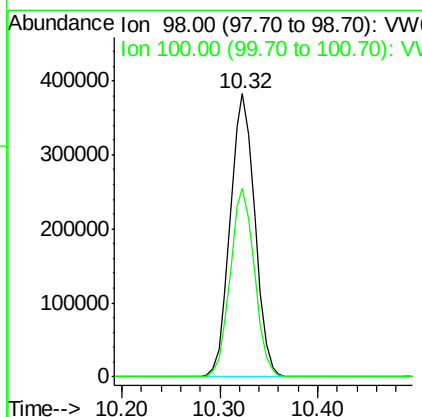
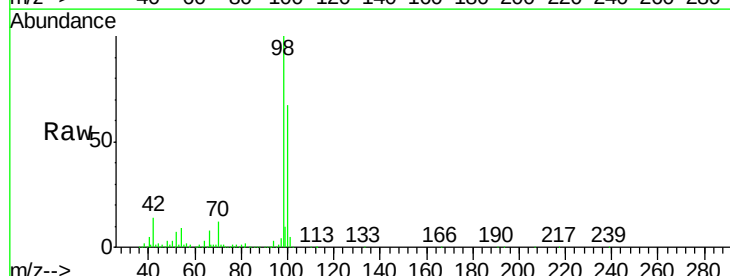
Instrument :
MSVOA_W
ClientSampleId :
B-6(9-10)

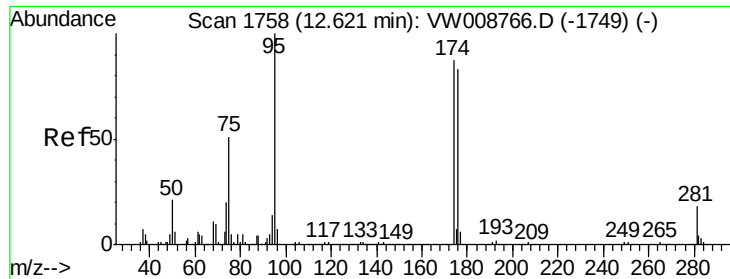
Tot Ion: 83 Resp: 26558
Ion Ratio Lower Upper
83 100
55 79.5 61.2 91.8
98 48.3 39.4 59.2



#50
Toluene-d8
Concen: 51.559 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008841.D
Acq: 26 Feb 2019 19:58

Tgt Ion: 98 Resp: 668756
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008841.D

Acq: 26 Feb 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

B-6(9-10)

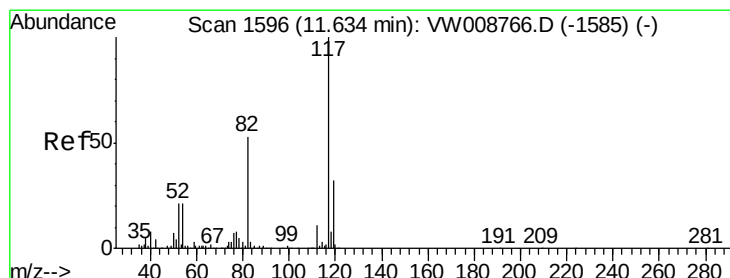
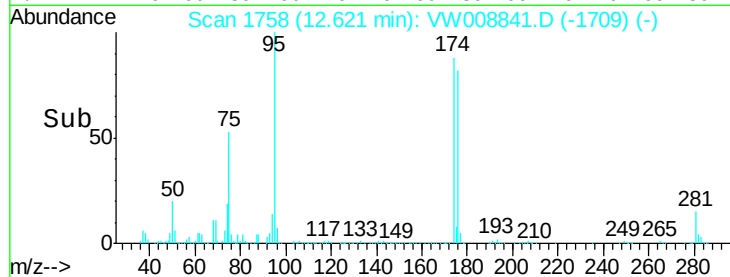
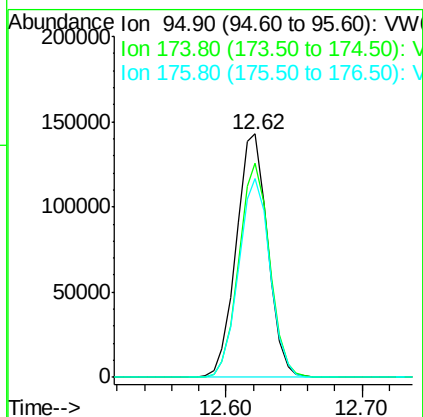
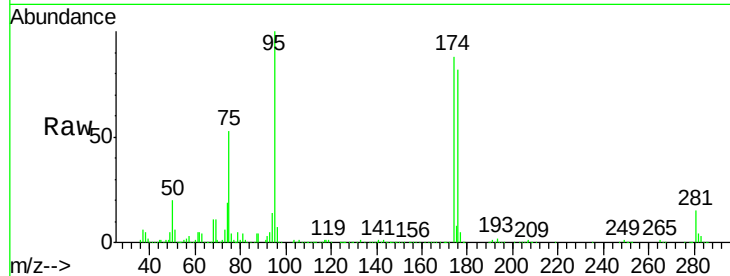
Tot Ion: 95 Resp: 229674

Ion Ratio Lower Upper

95 100

174 86.7 0.0 169.2

176 81.7 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008841.D

Acq: 26 Feb 2019 19:58

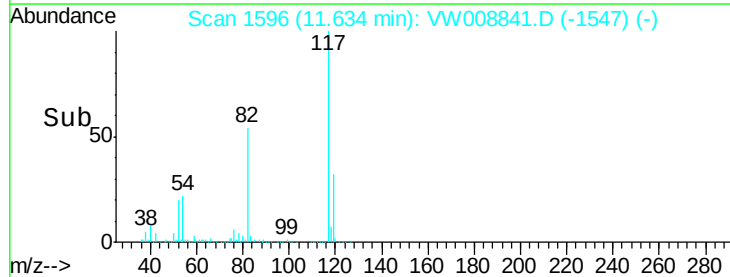
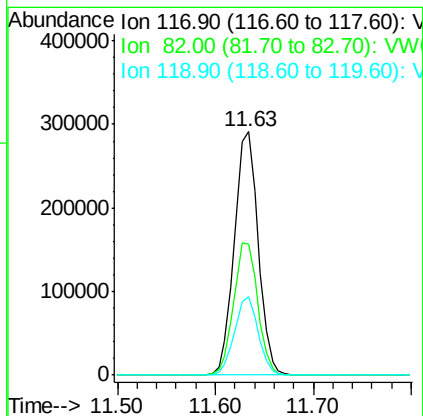
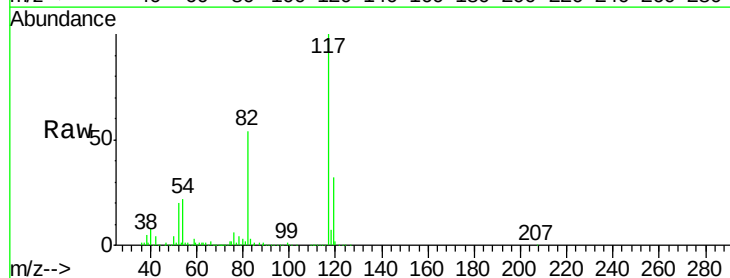
Tgt Ion: 117 Resp: 493965

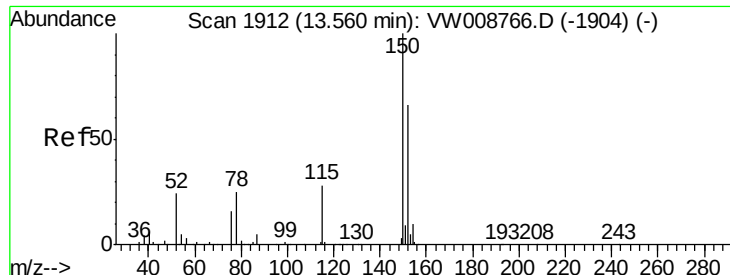
Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008841.D

Acq: 26 Feb 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

B-6(9-10)

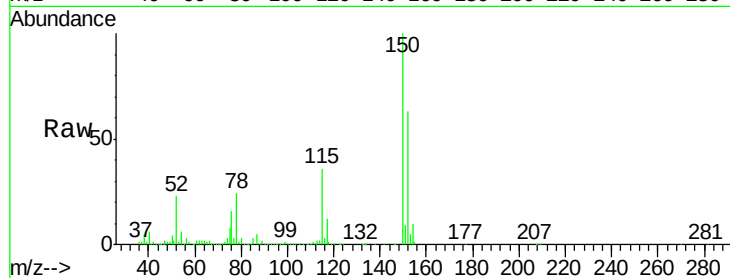
Tot Ion:152 Resp: 231895

Ion Ratio Lower Upper

152 100

115 57.4 28.6 85.8

150 159.2 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

