

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008602.D
 Acq On : 11 Feb 2019 17:22
 Operator : SY/VA
 Sample : K1458-11
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7

Quant Time: Feb 12 05:16:13 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

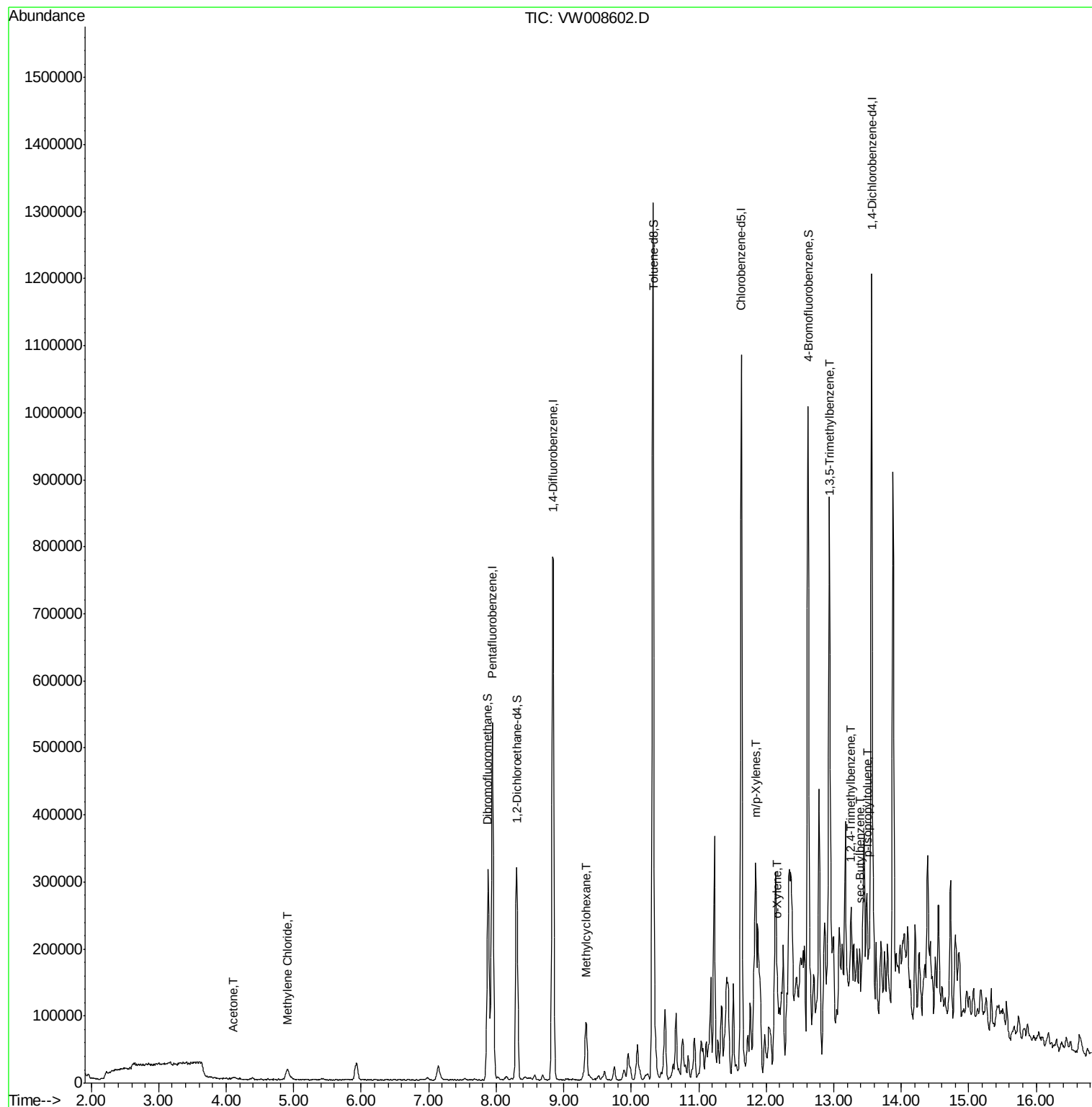
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	406027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	666545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	583685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	261612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	237465	59.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.06%	
35) Dibromofluoromethane	7.88	113	212825	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
50) Toluene-d8	10.32	98	781610	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	279567	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
					Qvalue	
16) Acetone	4.11	43	6146	6.861	ug/l #	77
20) Methylene Chloride	4.92	84	12955	3.138	ug/l	87
39) Methylcyclohexane	9.34	83	36198	4.376	ug/l	97
68) m/p-Xylenes	11.84	106	16473	1.938	ug/l	96
69) o-Xylene	12.16	106	14775	1.830	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	58293	3.576	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	74168	4.476	ug/l	100
85) sec-Butylbenzene	13.38	105	21280	1.027	ug/l	80
86) p-Isopropyltoluene	13.50	119	21674	1.194	ug/l	97

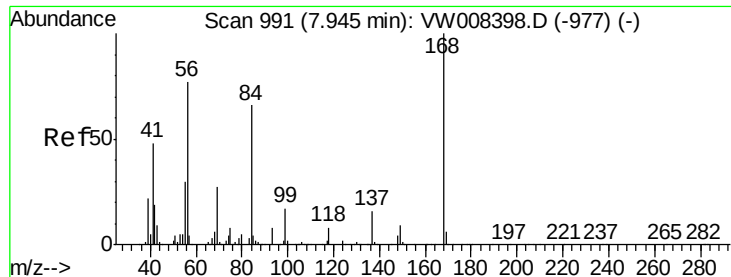
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021119\
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Quant Time: Feb 12 05:16:13 2019
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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: VW008602.D

Acq: 11 Feb 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

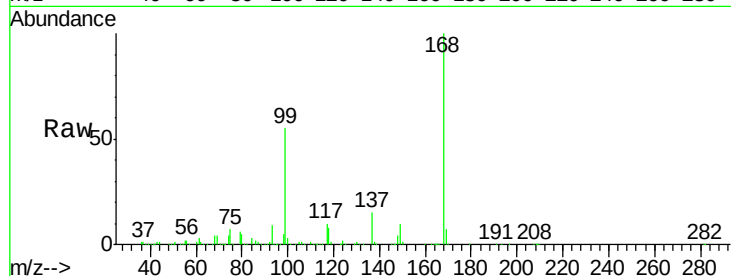
SB-7

Tot Ion:168 Resp: 406027

Ion Ratio Lower Upper

168 100

99 55.5 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

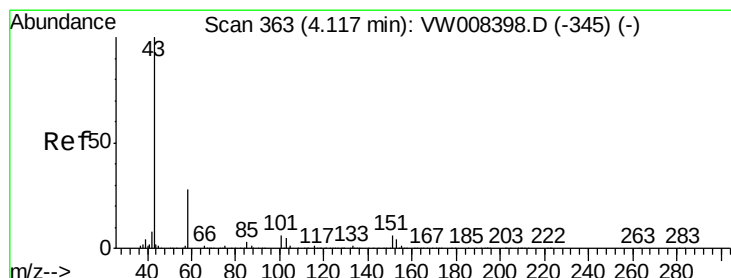
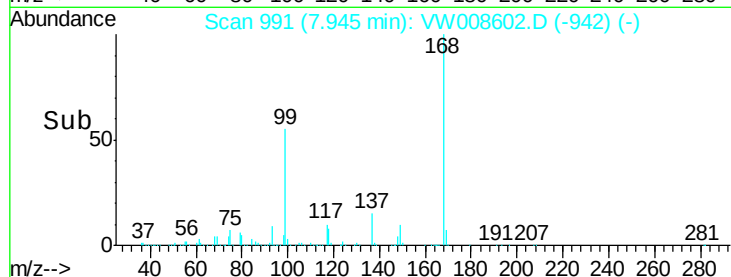
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 6.861 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW008602.D

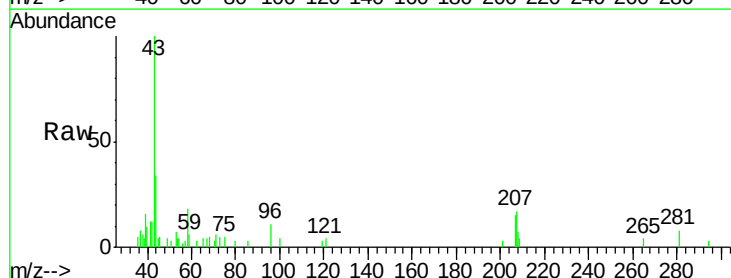
Acq: 11 Feb 2019 17:22

Tgt Ion: 43 Resp: 6146

Ion Ratio Lower Upper

43 100

58 16.1 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

2500

2000

1500

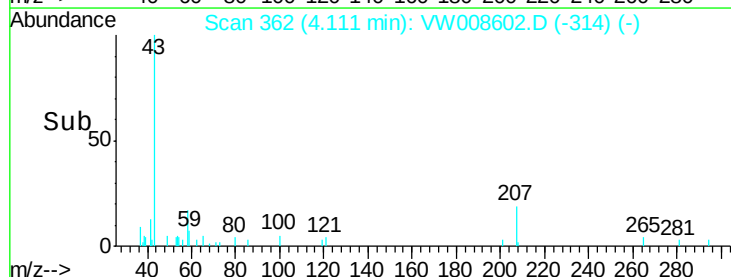
1000

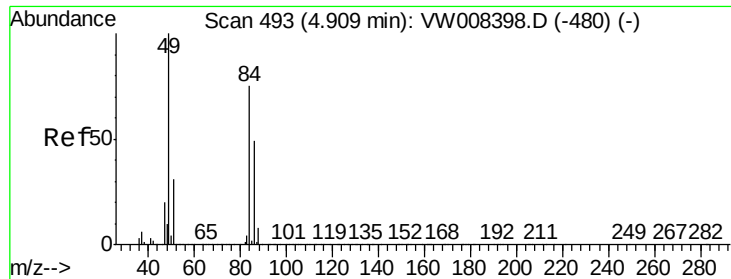
500

0

4.00 4.05 4.10 4.15 4.20

Time-->

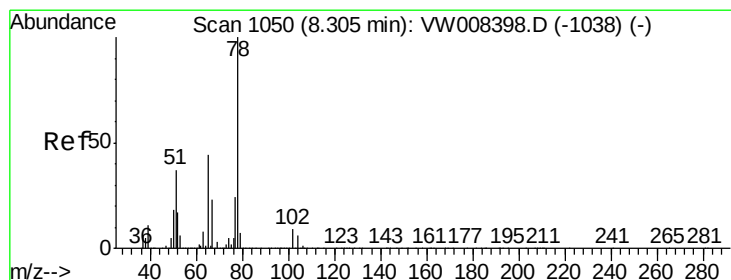
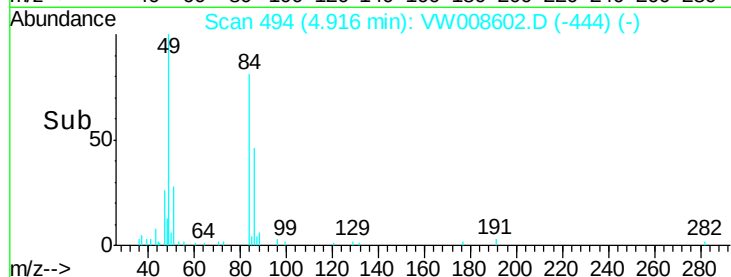
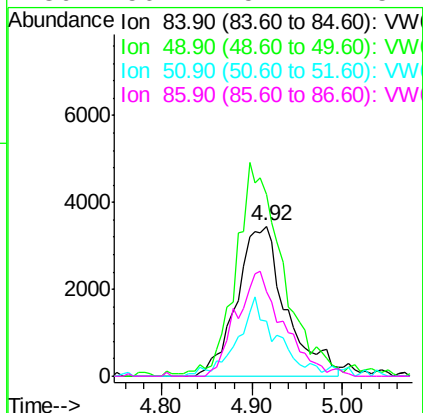
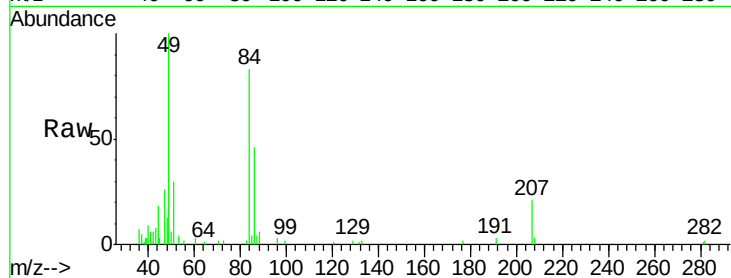




#20
Methylene Chloride
Concen: 3.138 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

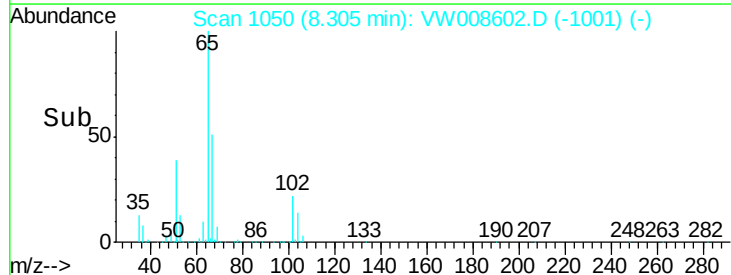
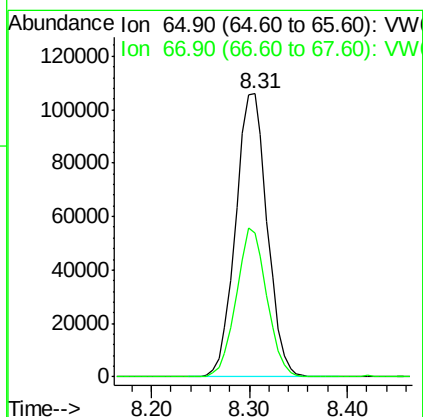
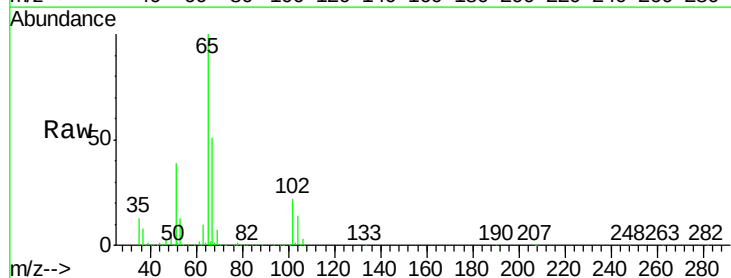
Instrument :
MSVOA_W
ClientSampleId :
SB-7

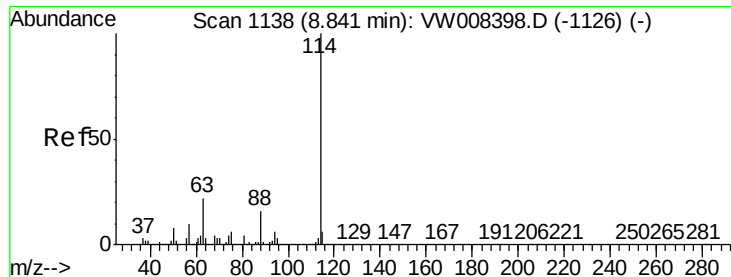
Tot Ion:	84	Resp:	12955
Ion	Ratio	Lower	Upper
84	100		
49	117.1	106.8	160.2
51	34.9	32.9	49.3
86	56.1	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 59.532 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

Tgt Ion:	65	Resp:	237465
Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: VW008602.D

Acq: 11 Feb 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

SB-7

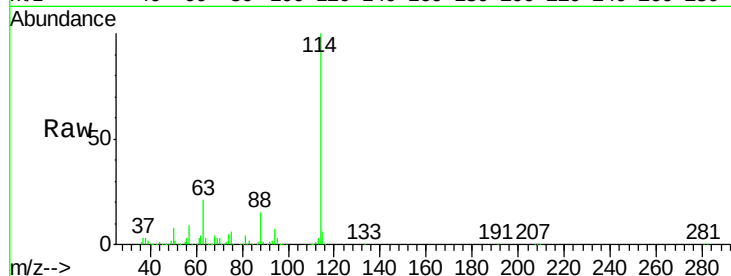
Tot Ion:114 Resp: 666545

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.6

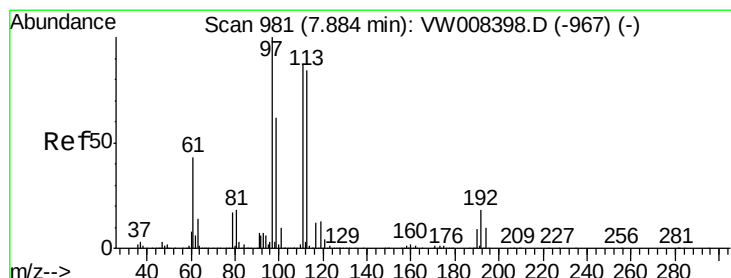
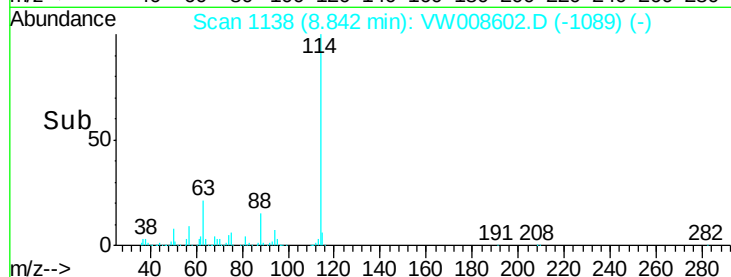
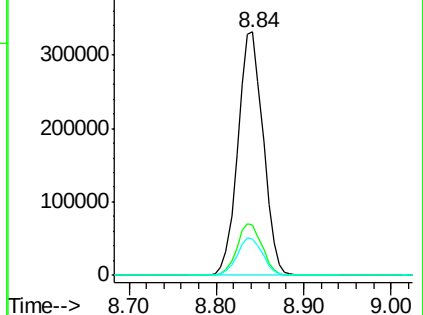
88 14.7 0.0 31.8



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: 54.605 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008602.D

Acq: 11 Feb 2019 17:22

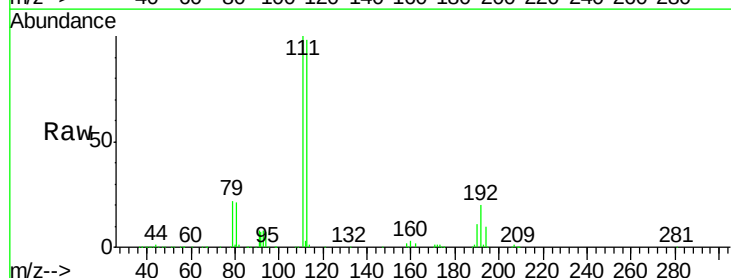
Tgt Ion:113 Resp: 212825

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

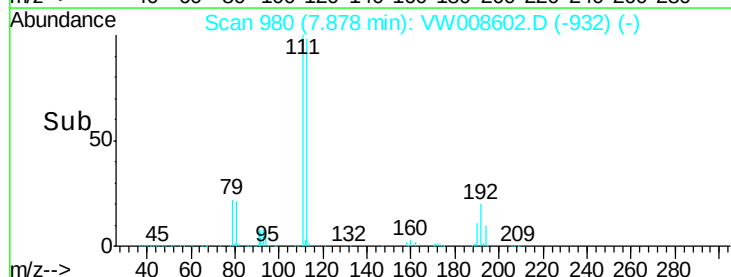
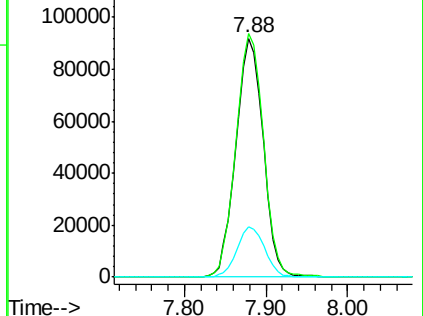
192 21.4 16.8 25.2

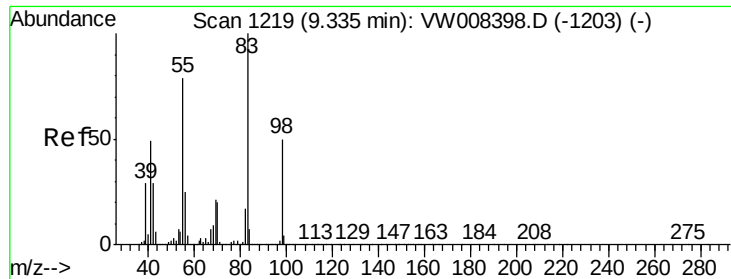


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

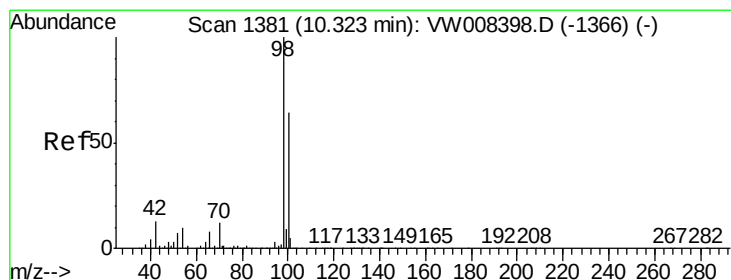
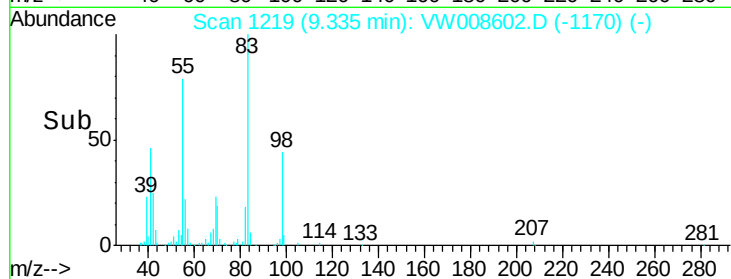
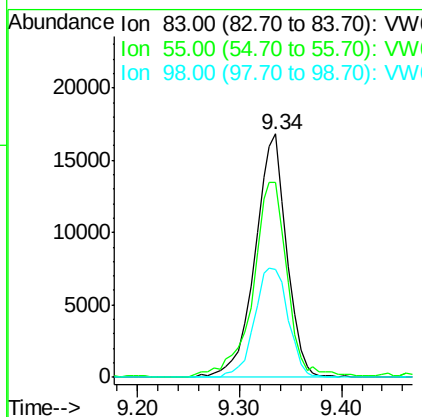
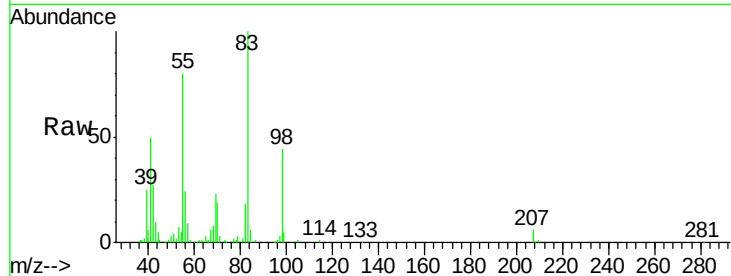




#39
Methylcyclohexane
Concen: 4.376 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

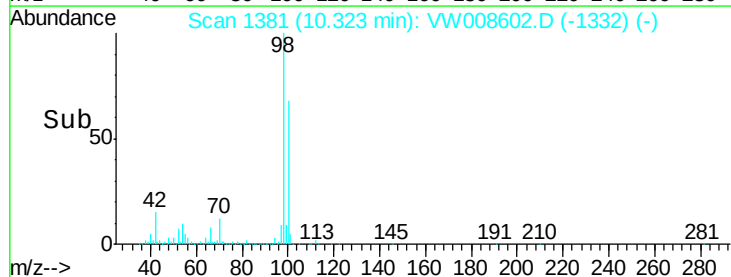
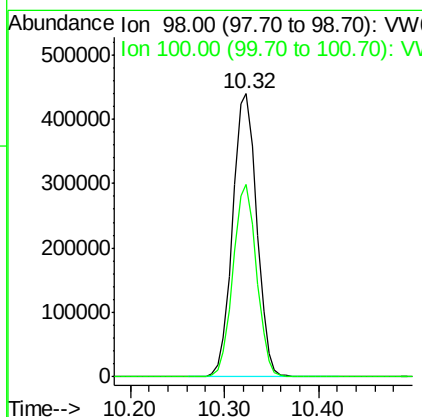
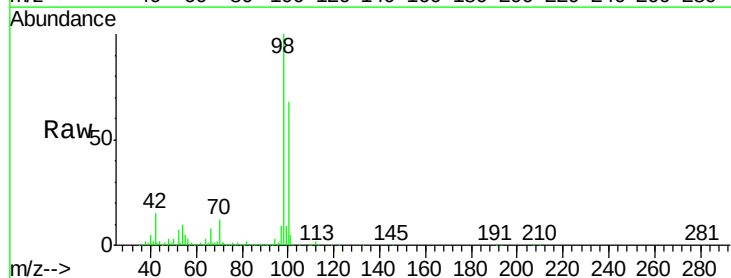
Instrument :
MSVOA_W
ClientSampled :
SB-7

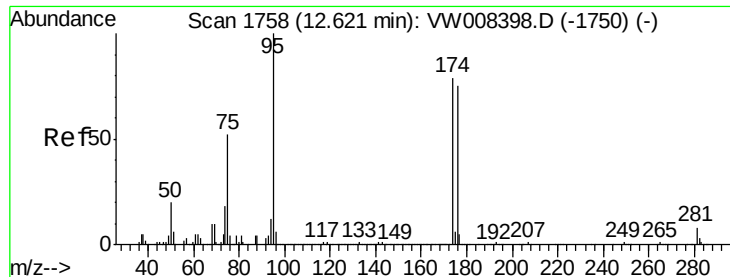
Tot Ion	83	Resp	36198
Ion Ratio	100	Lower	Upper
55	79.6	63.3	94.9
98	44.2	39.7	59.5



#50
Toluene-d8
Concen: 50.010 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

Tgt Ion	98	Resp	781610
Ion Ratio	100	Lower	Upper
100	66.2	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 46.535 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008602.D

Acq: 11 Feb 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

SB-7

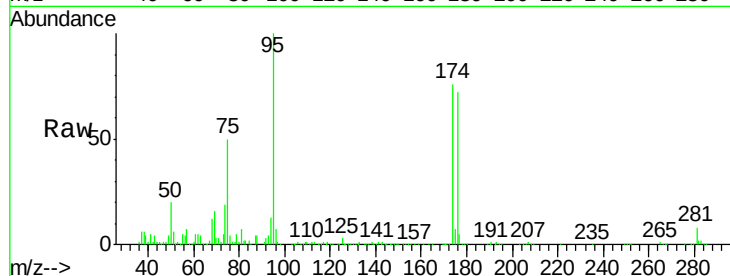
Tot Ion: 95 Resp: 279567

Ion Ratio Lower Upper

95 100

174 82.1 0.0 157.6

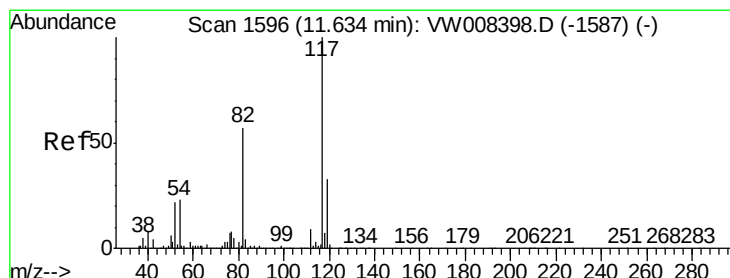
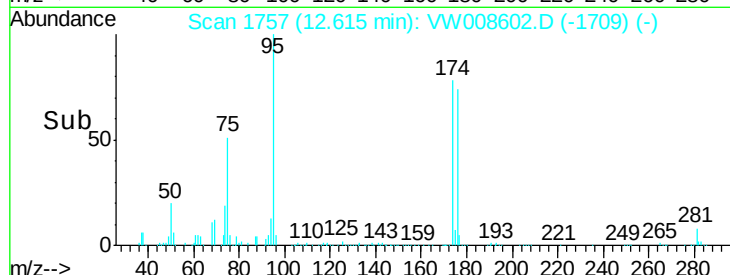
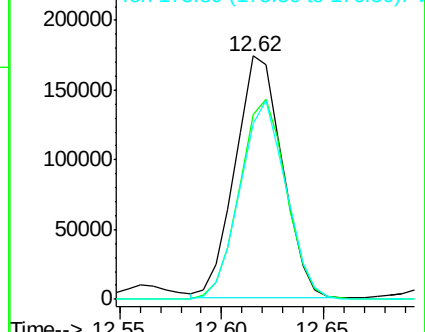
176 80.4 0.0 151.8



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: VW008602.D

Acq: 11 Feb 2019 17:22

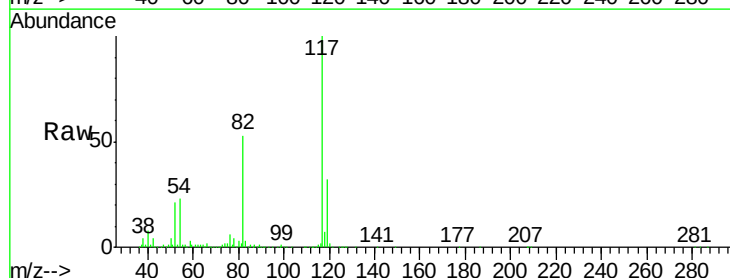
Tgt Ion: 117 Resp: 583685

Ion Ratio Lower Upper

117 100

82 52.5 45.4 68.0

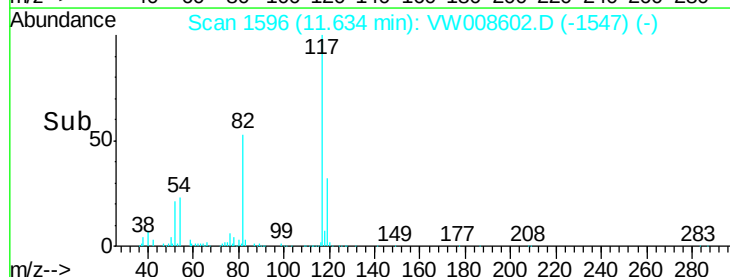
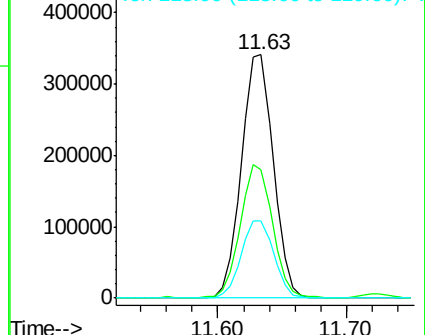
119 31.5 26.2 39.4

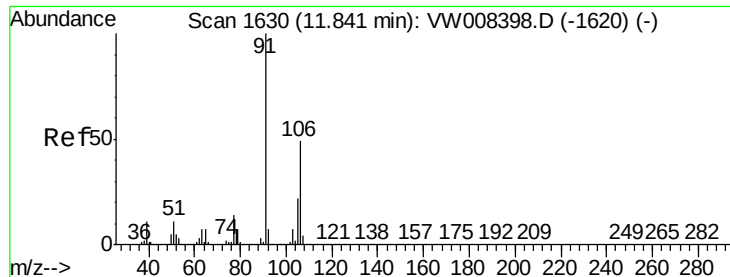


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

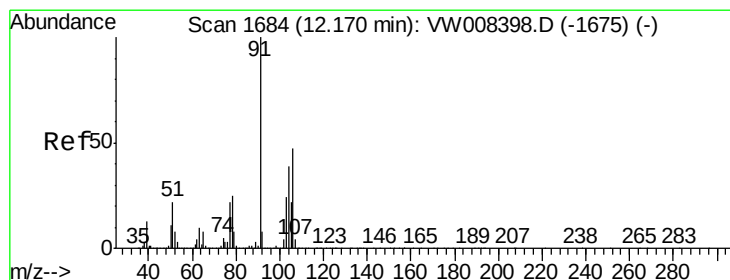
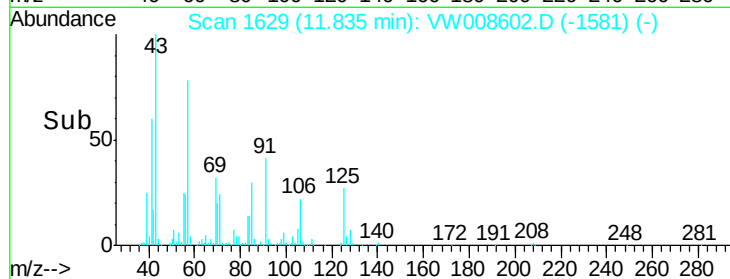
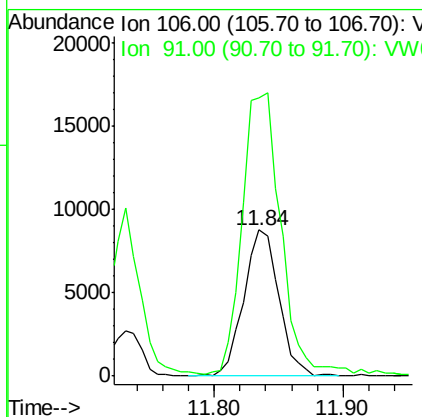
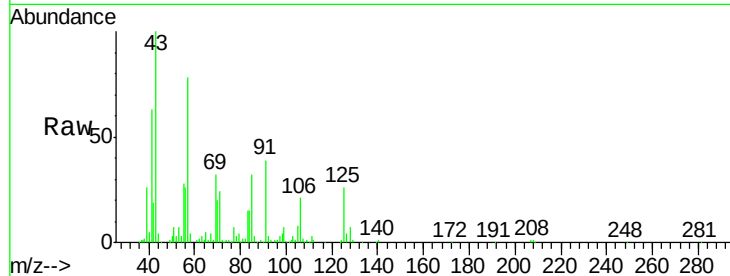




#68
m/p-Xylenes
Concen: 1.938 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

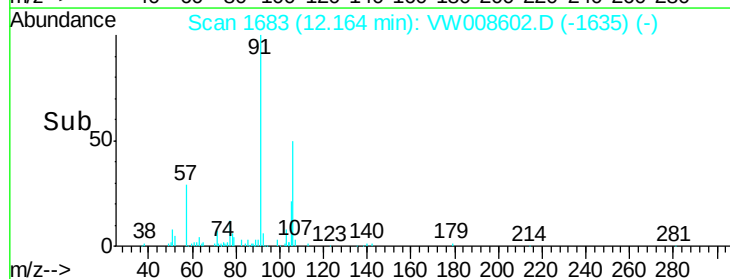
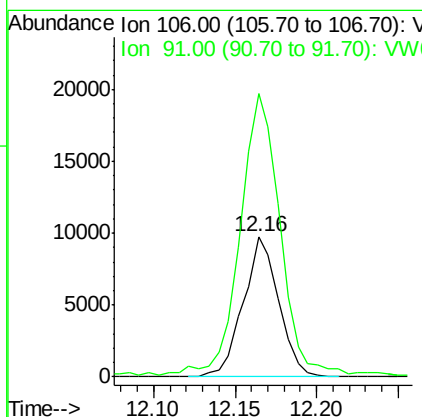
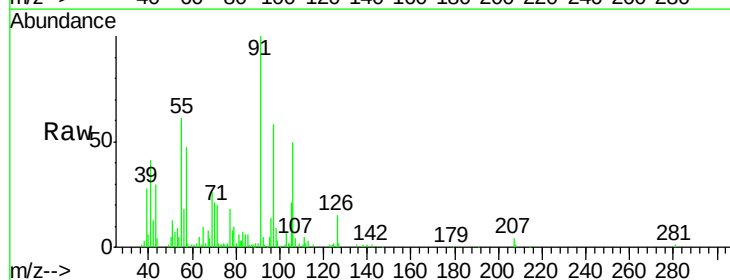
Instrument :
MSVOA_W
ClientSampleId :
SB-7

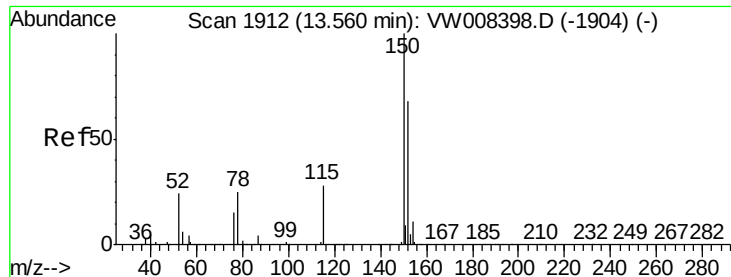
Tot Ion:106 Resp: 16473
Ion Ratio Lower Upper
106 100
91 210.3 162.9 244.3



#69
o-Xylene
Concen: 1.830 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008602.D
Acq: 11 Feb 2019 17:22

Tgt Ion:106 Resp: 14775
Ion Ratio Lower Upper
106 100
91 226.3 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008602.D

Acq: 11 Feb 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

SB-7

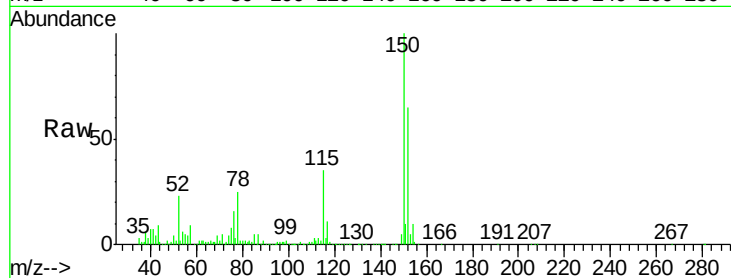
Tot Ion:152 Resp: 261612

Ion Ratio Lower Upper

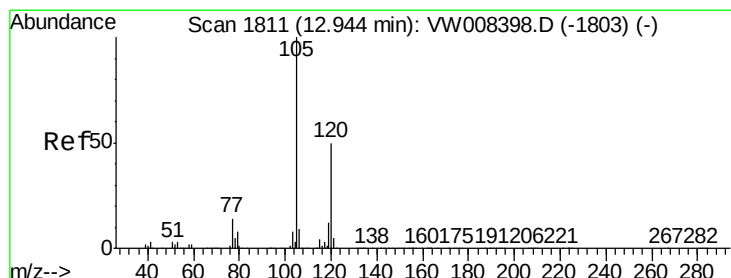
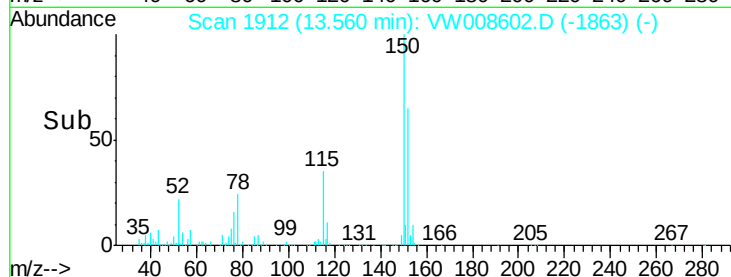
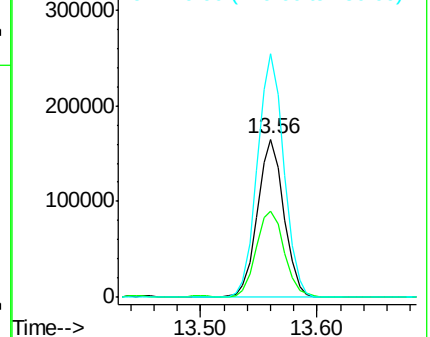
152 100

115 58.0 29.9 89.7

150 153.5 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



#80

1,3,5-Trimethylbenzene

Concen: 3.576 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008602.D

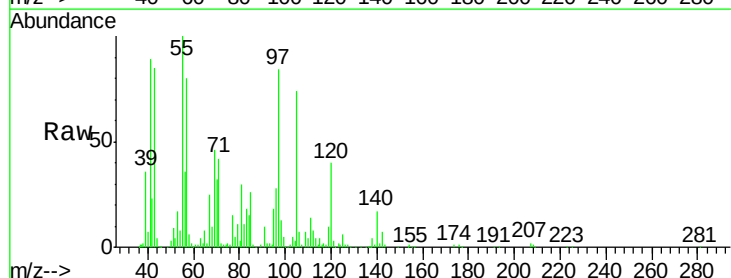
Acq: 11 Feb 2019 17:22

Tgt Ion:105 Resp: 58293

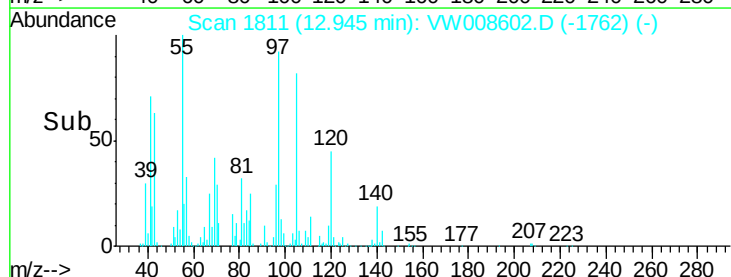
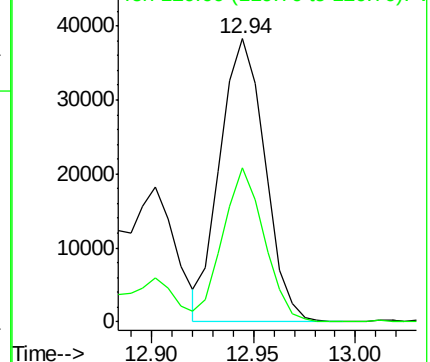
Ion Ratio Lower Upper

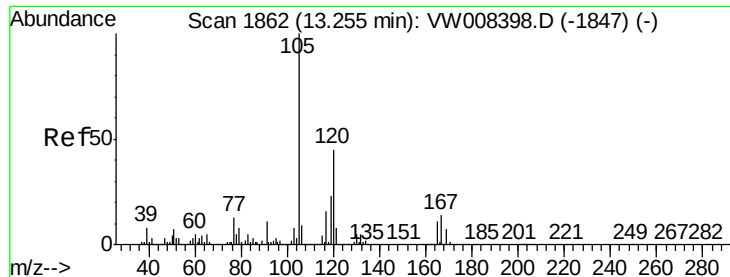
105 100

120 50.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

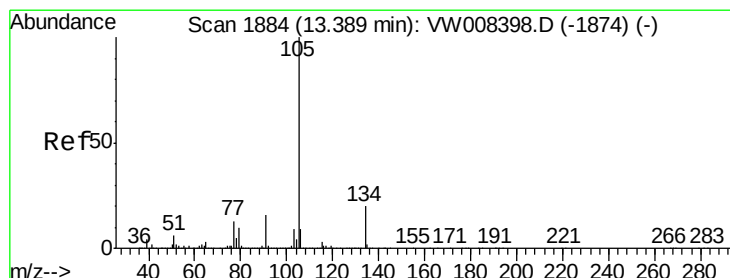
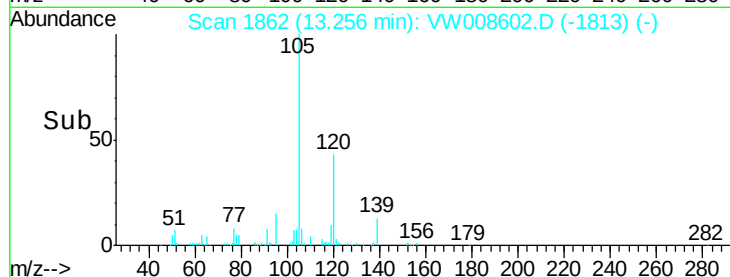
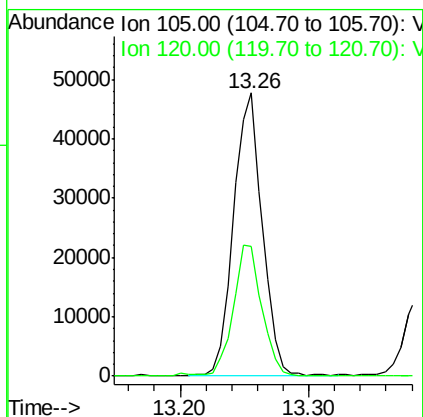
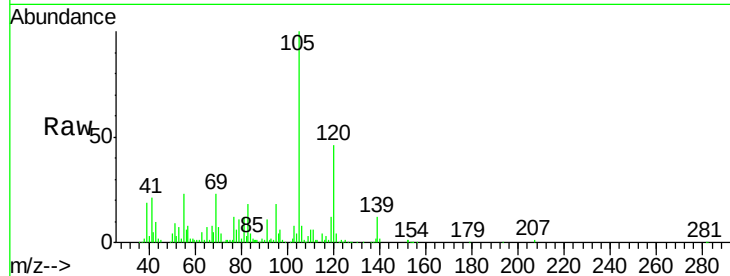




#84
 1,2,4-Trimethylbenzene
 Concen: 4.476 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008602.D
 Acq: 11 Feb 2019 17:22

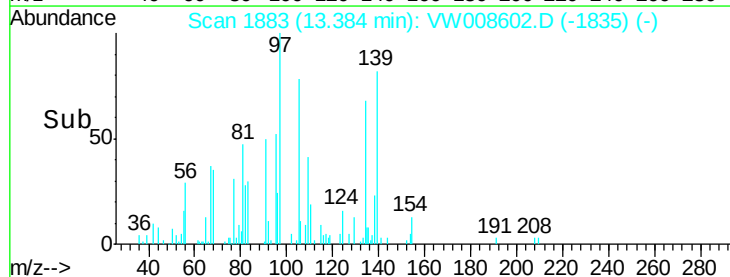
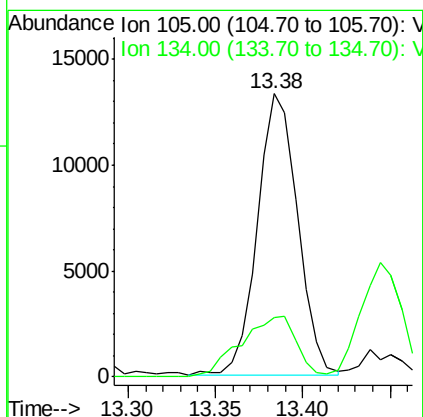
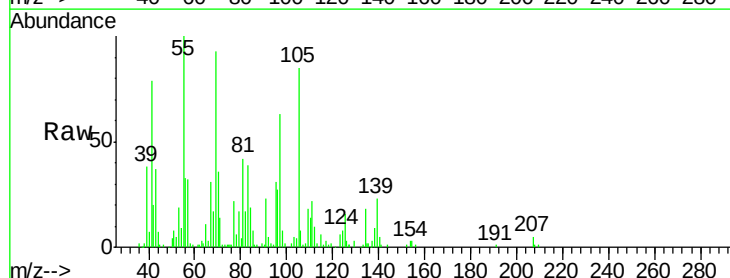
Instrument :
 MSVOA_W
 ClientSampled :
 SB-7

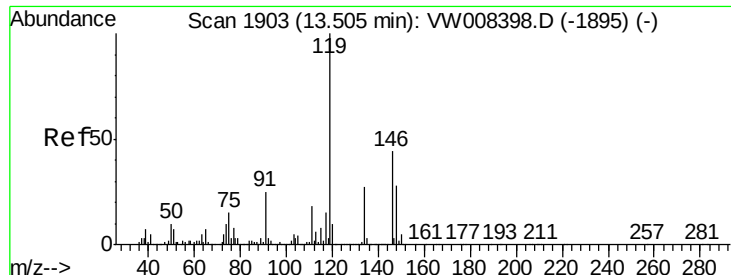
Tot Ion:105 Resp: 74168
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.027 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008602.D
 Acq: 11 Feb 2019 17:22

Tgt Ion:105 Resp: 21280
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.2 30.6





#86
 p-Isopropyltoluene
 Concen: 1.194 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008602.D
 Acq: 11 Feb 2019 17:22

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	26.4	13.4	40.2	
91	22.1	12.6	37.6	

