

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008838.D
 Acq On : 26 Feb 2019 18:37
 Operator : SY/VA
 Sample : K1594-28
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3(8-9)

Quant Time: Feb 27 07:07:10 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

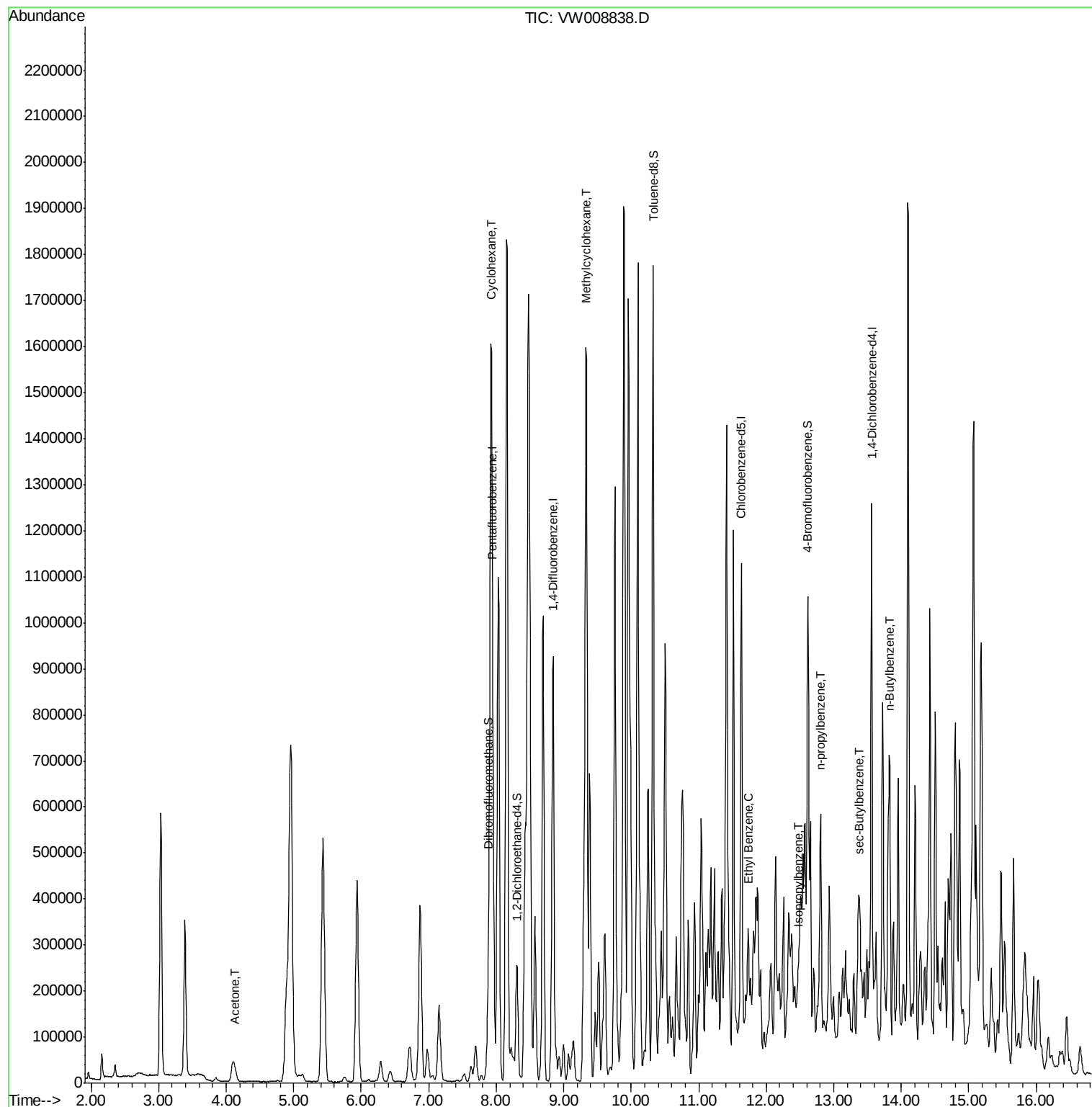
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	570733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	495693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	195694	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	172612	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.32	98	704345	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	249438	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	57694	70.278	ug/l #	85
31) Cyclohexane	7.92	56	307467	46.049	ug/l #	43
39) Methylcyclohexane	9.34	83	489108	70.581	ug/l	96
67) Ethyl Benzene	11.73	91	24073	1.292	ug/l	95
73) Isopropylbenzene	12.46	105	54498	3.255	ug/l	96
78) n-propylbenzene	12.80	91	329771	16.103	ug/l	100
85) sec-Butylbenzene	13.38	105	149594	8.270	ug/l #	51
89) n-Butylbenzene	13.83	91	352261	22.675	ug/l #	85

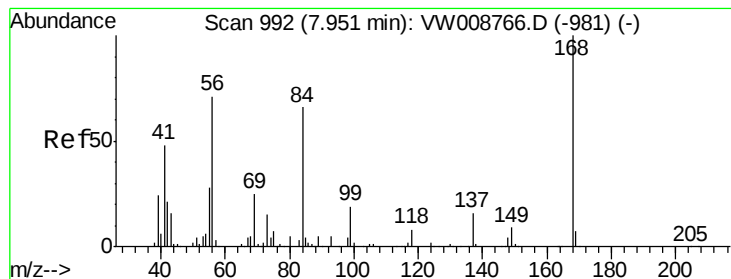
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
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ClientSampleId :
B-3(8-9)

Quant Time: Feb 27 07:07:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
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: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

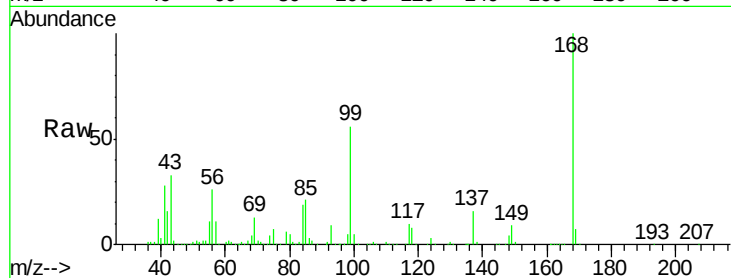
B-3(8-9)

Tot Ion:168 Resp: 377617

Ion Ratio Lower Upper

168 100

99 55.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

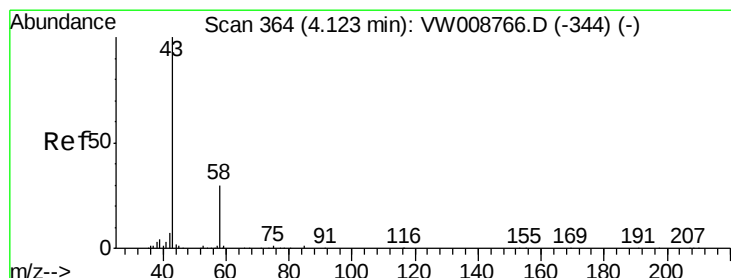
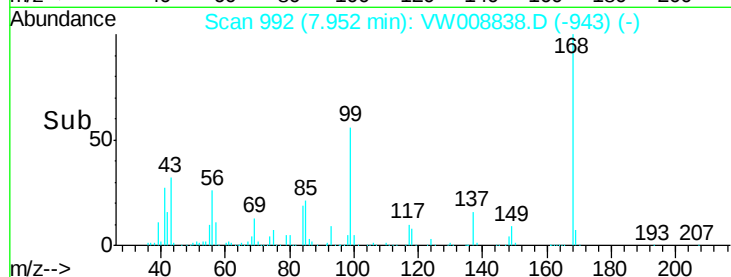
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 70.278 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008838.D

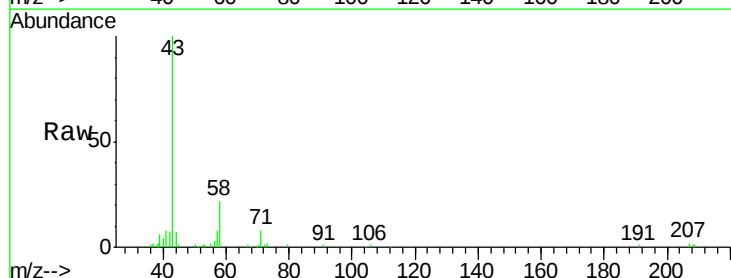
Acq: 26 Feb 2019 18:37

Tgt Ion: 43 Resp: 57694

Ion Ratio Lower Upper

43 100

58 21.4 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

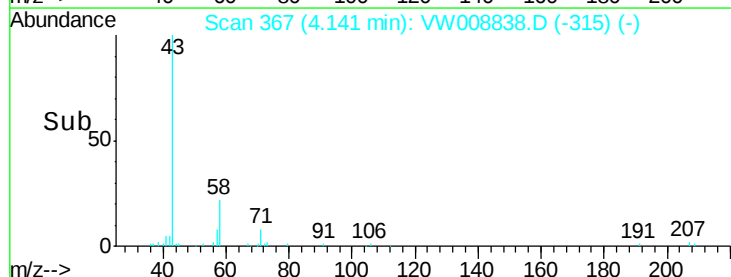
15000

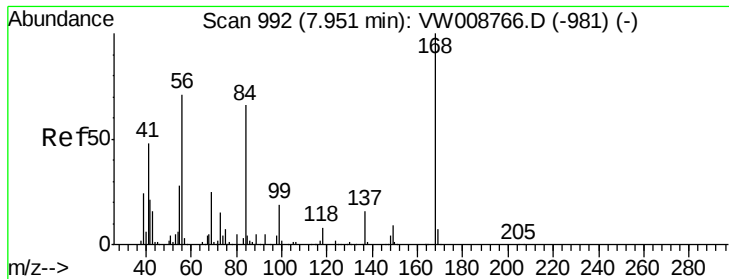
10000

5000

0

Time--> 4.00 4.10 4.20

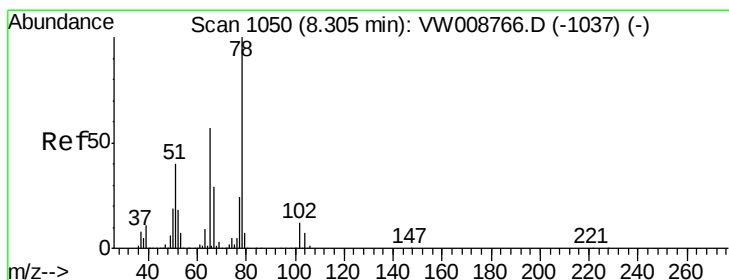
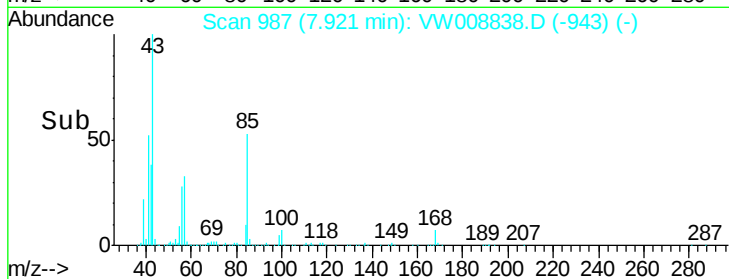
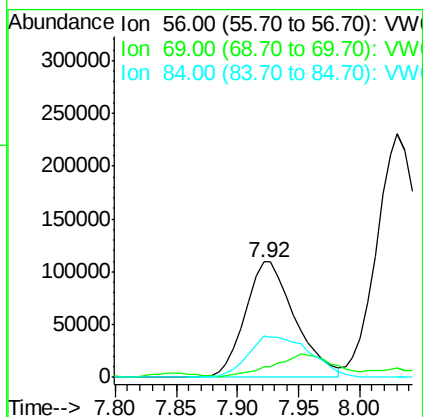
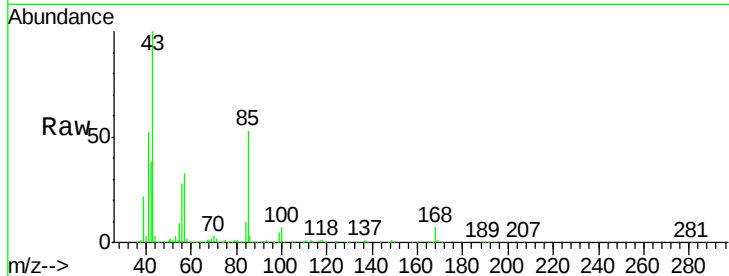




#31
Cyclohexane
Concen: 46.049 ug/l
RT: 7.92 min Scan# 987
Delta R.T. -0.03 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

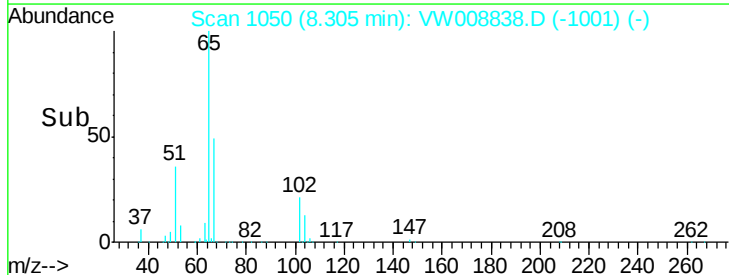
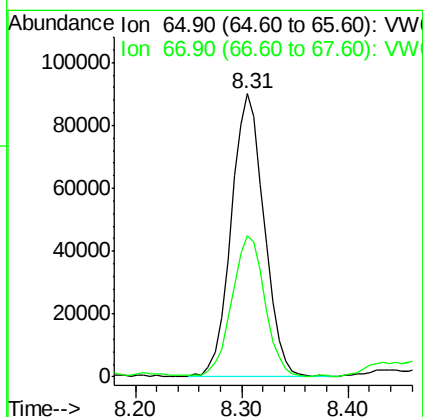
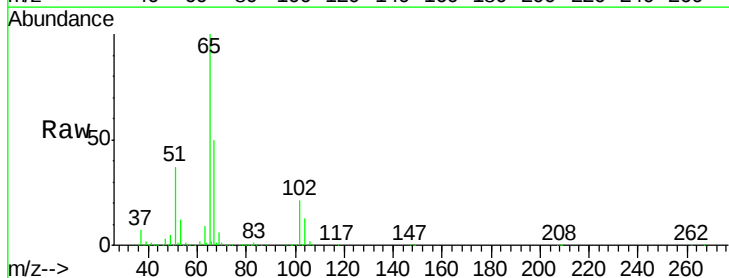
Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

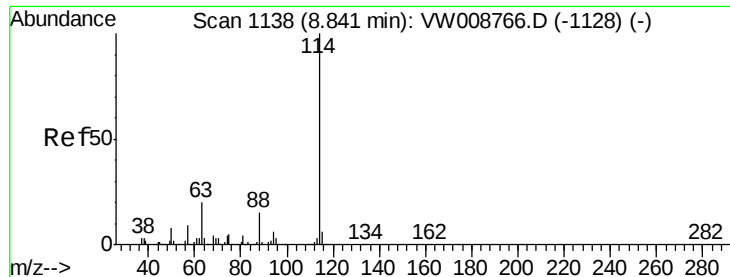
Tot Ion: 56 Resp: 307467
Ion Ratio Lower Upper
56 100
69 6.2 28.2 42.4#
84 36.1 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 55.254 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion: 65 Resp: 195694
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.4

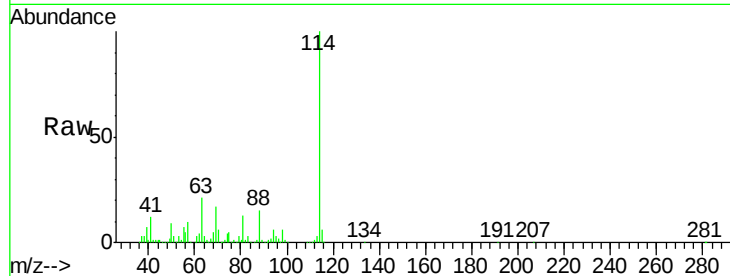




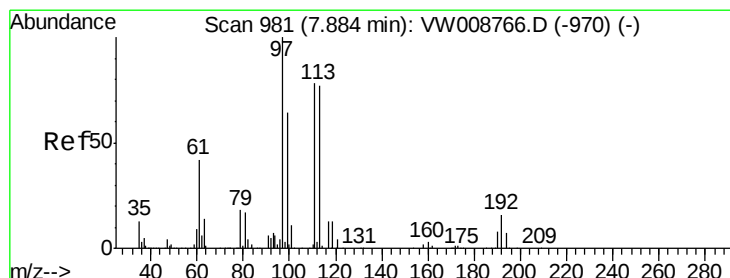
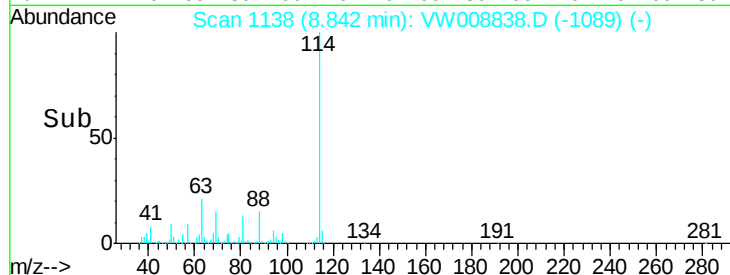
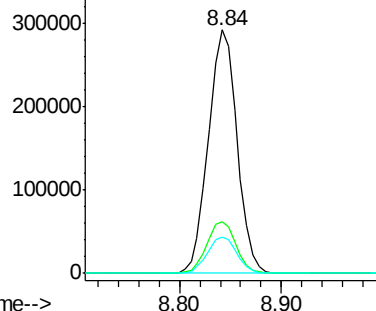
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3(8-9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	14.9	0.0	30.4

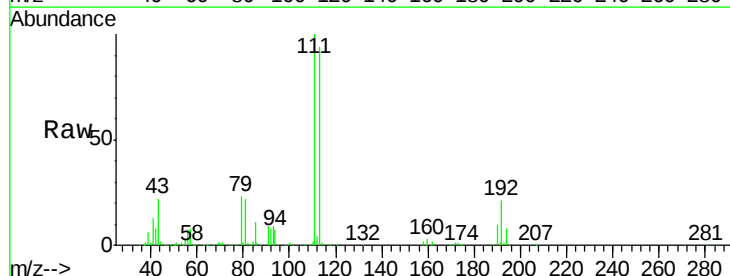


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

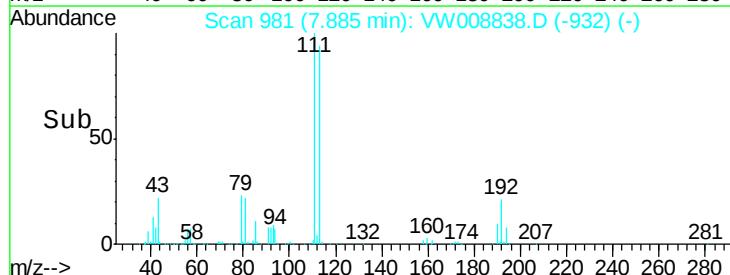
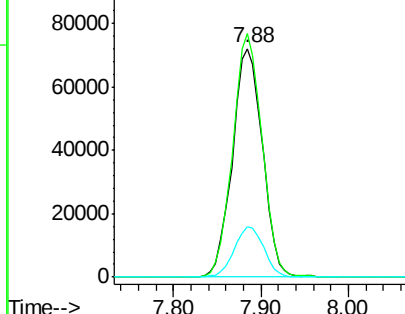


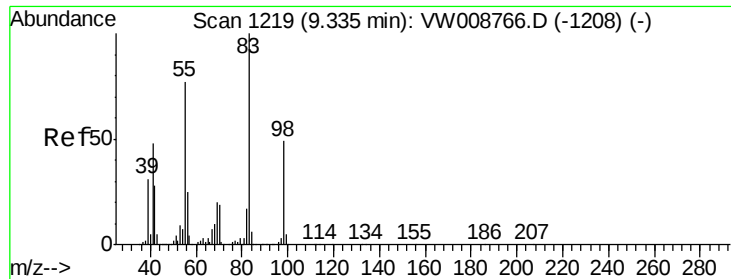
#35
 Dibromofluoromethane
 Concen: 50.372 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	21.6	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

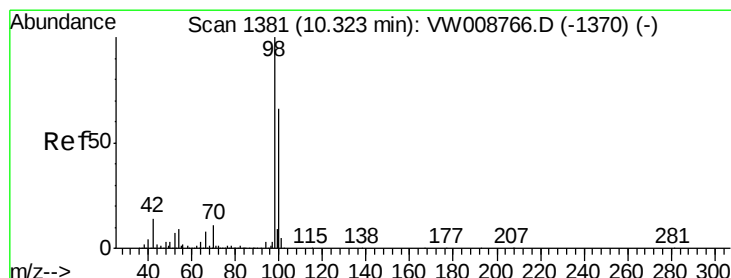
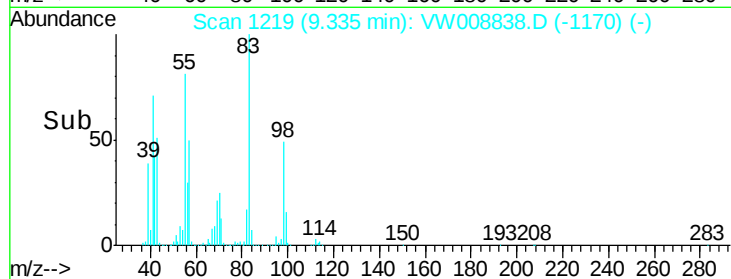
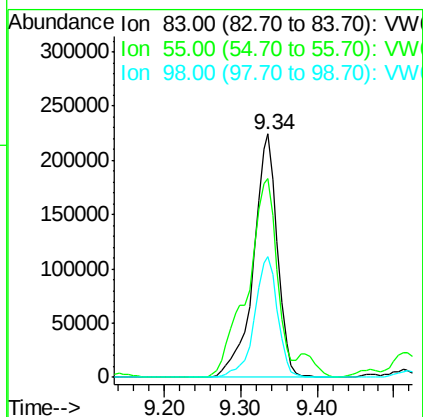
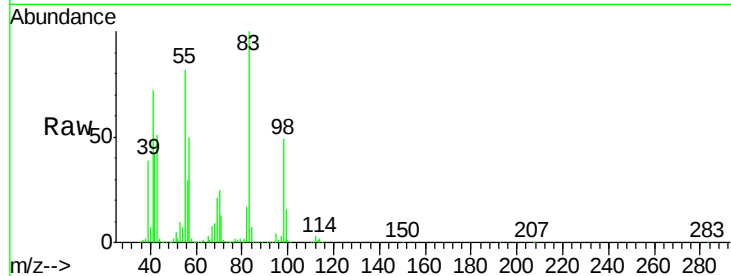




#39
Methvlcvclohexane
Concen: 70.581 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

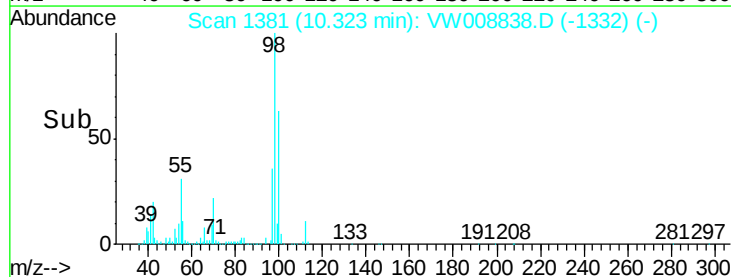
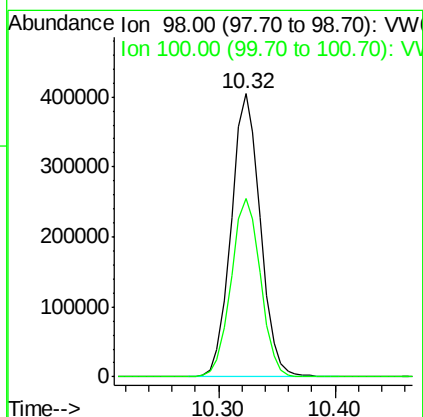
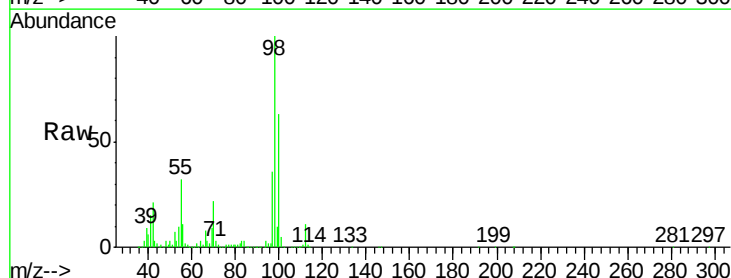
Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

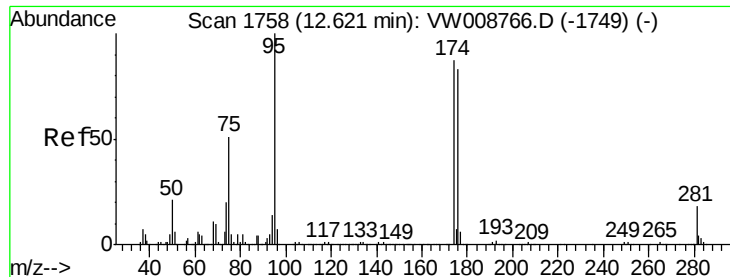
Tot Ion	83.00	Resp	489108
Ion Ratio	Lower	Upper	
83	100		
55	81.6	61.2	91.8
98	49.4	39.4	59.2



#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion	98	Resp	704345
Ion Ratio	Lower	Upper	
98	100		
100	63.6	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 48.159 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

B-3(8-9)

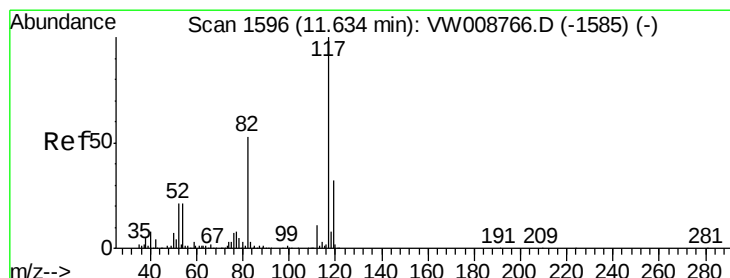
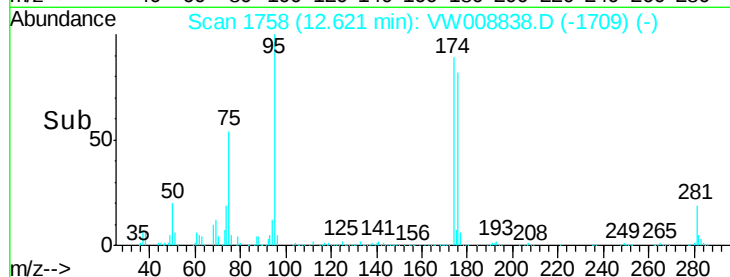
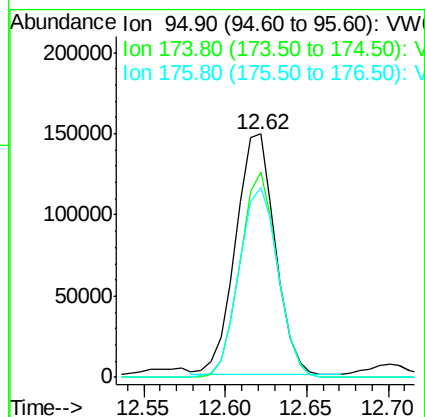
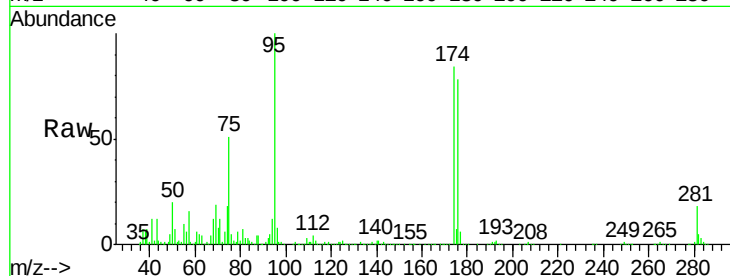
Tot Ion: 95 Resp: 249438

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.2

176 78.7 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: VW008838.D

Acq: 26 Feb 2019 18:37

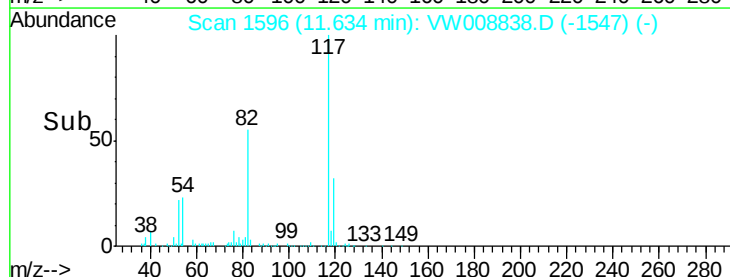
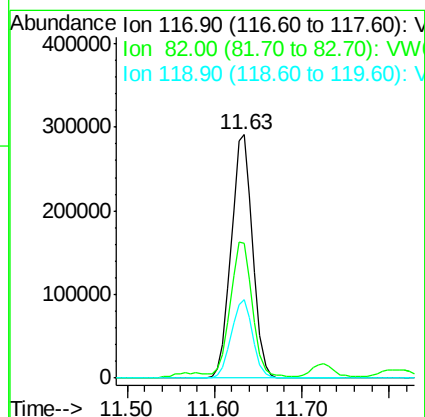
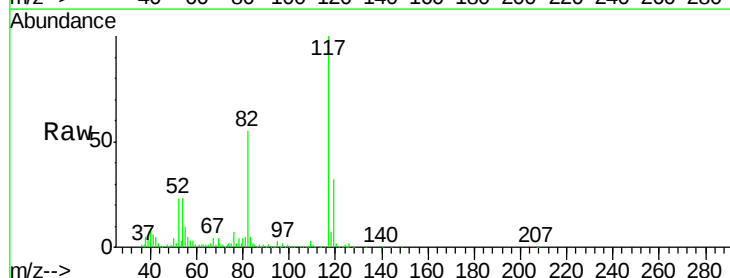
Tgt Ion: 117 Resp: 495693

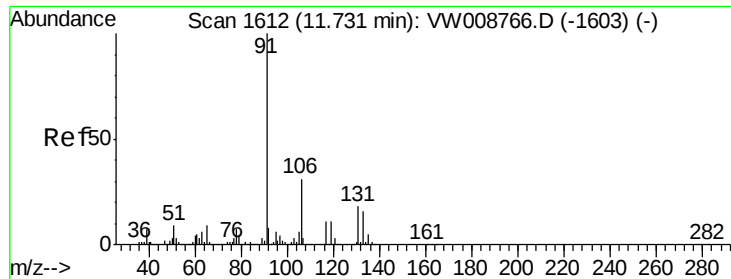
Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

119 32.1 25.9 38.9

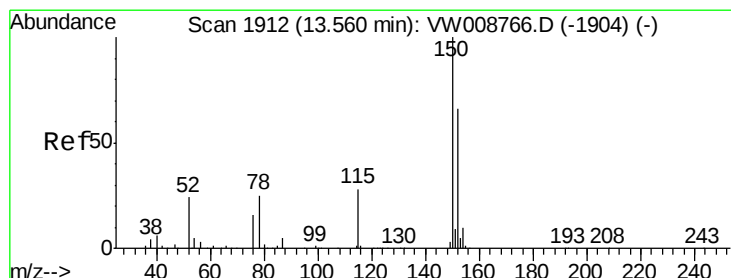
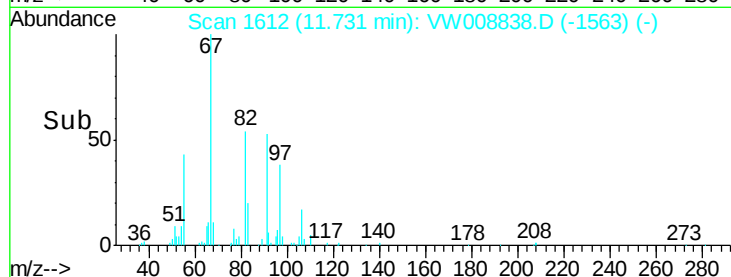
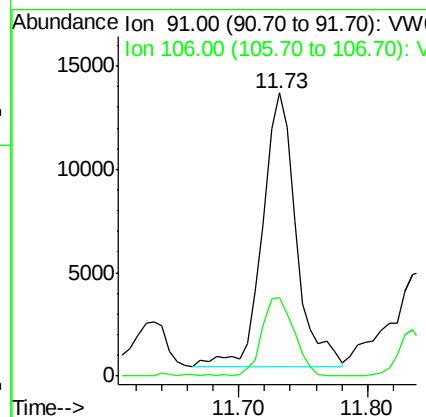
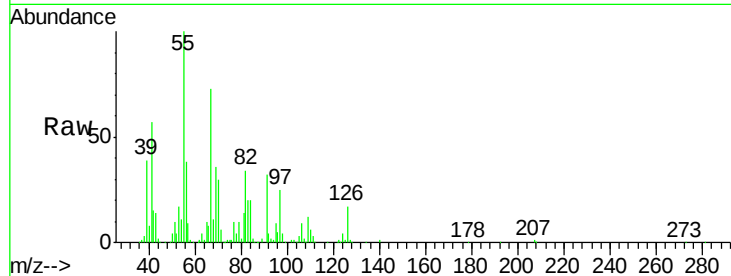




#67
Ethyl Benzene
Concen: 1.292 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

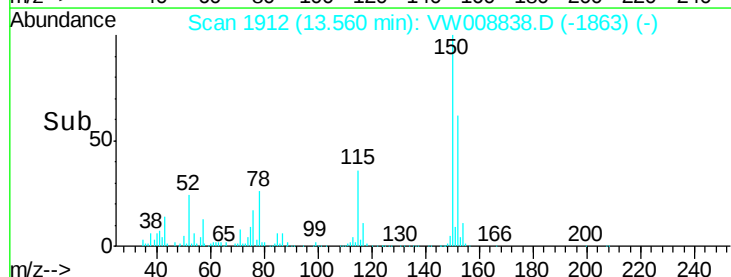
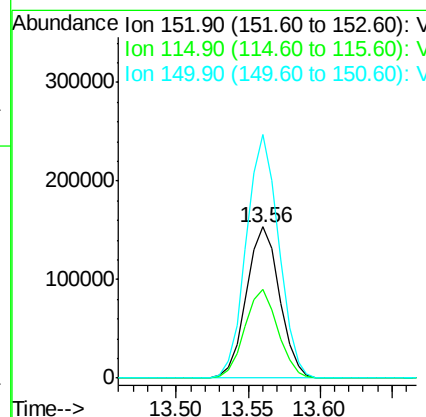
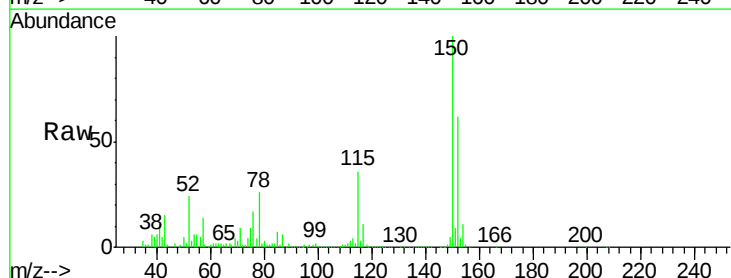
Instrument :
MSVOA_W
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B-3(8-9)

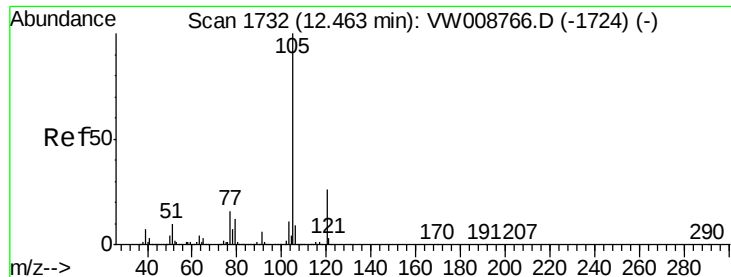
Tot Ion: 91 Resp: 24073
Ion Ratio Lower Upper
91 100
106 28.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion: 152 Resp: 244211
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.8
150 157.7 0.0 348.0





#73

Isopropylbenzene

Concen: 3.255 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

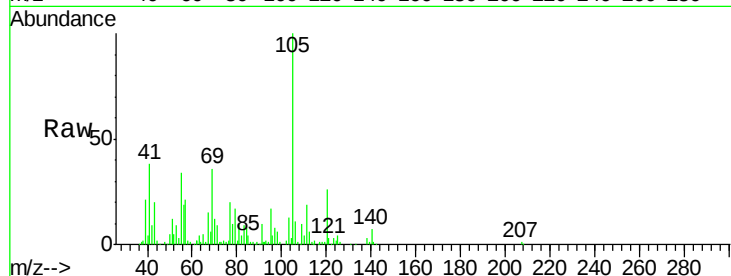
B-3(8-9)

Tot Ion: 105 Resp: 54498

Ion Ratio Lower Upper

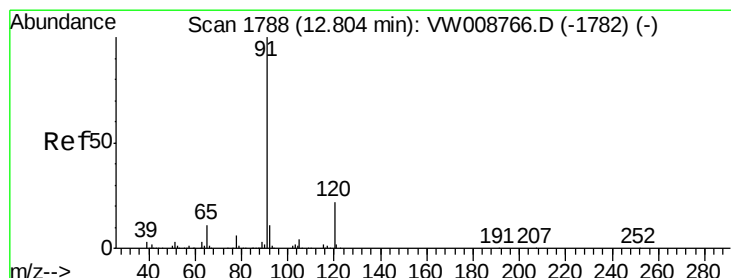
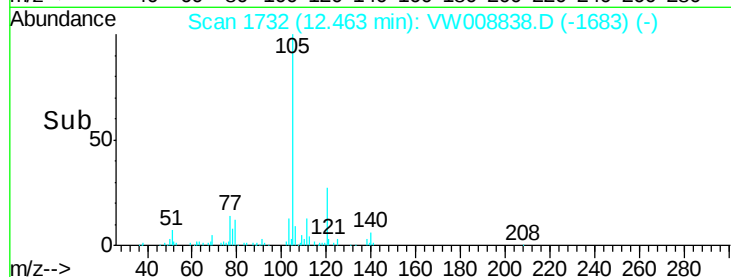
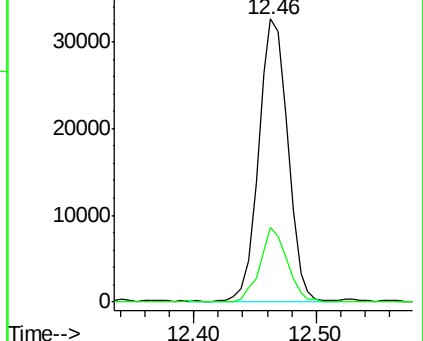
105 100

120 24.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 16.103 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008838.D

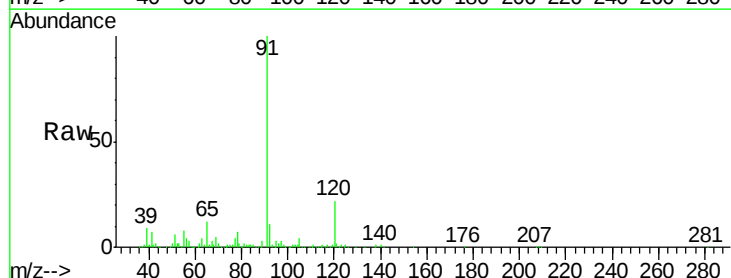
Acq: 26 Feb 2019 18:37

Tgt Ion: 91 Resp: 329771

Ion Ratio Lower Upper

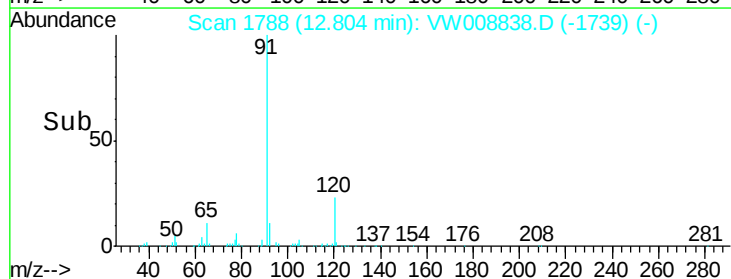
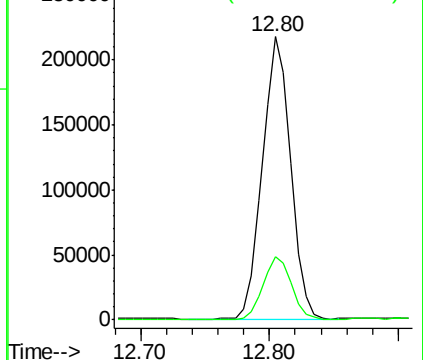
91 100

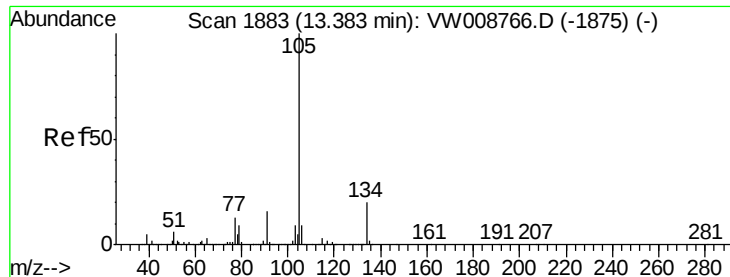
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 8.270 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

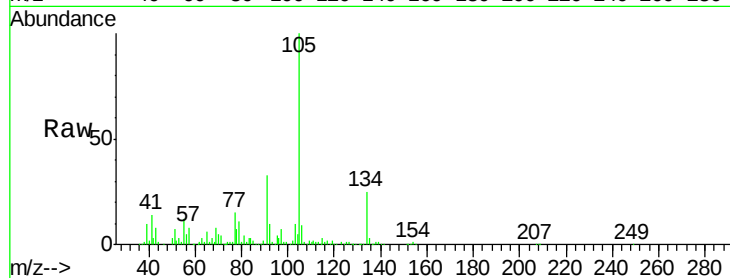
B-3(8-9)

Tot Ion:105 Resp: 149594

Ion Ratio Lower Upper

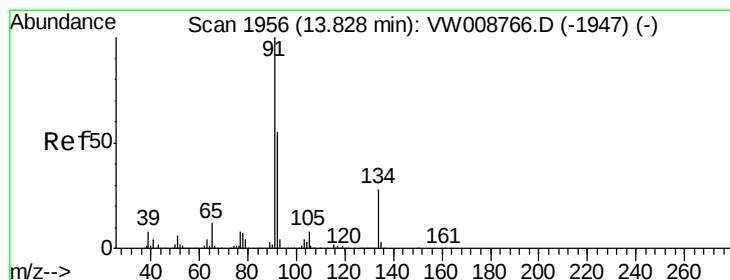
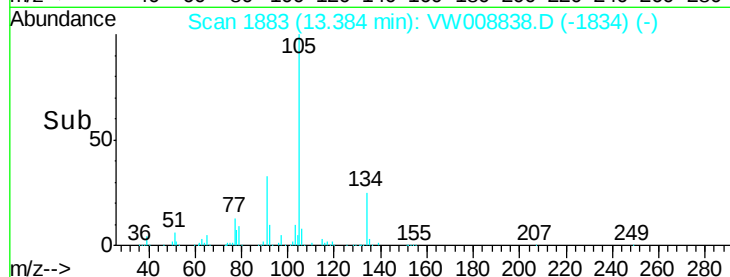
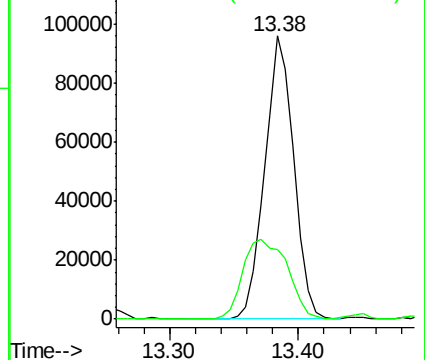
105 100

134 43.3 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 22.675 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

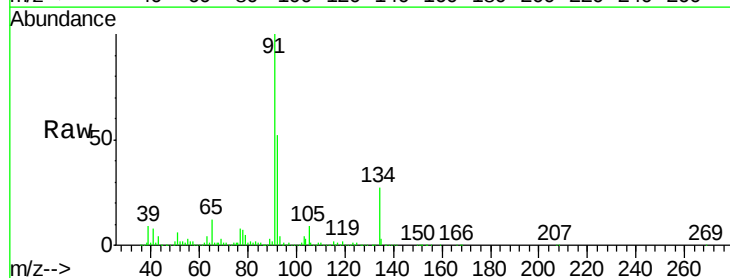
Tgt Ion: 91 Resp: 352261

Ion Ratio Lower Upper

91 100

92 48.6 26.8 80.4

134 43.1 13.5 40.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

