

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW009006.D
 Acq On : 05 Mar 2019 19:30
 Operator : SY/VA
 Sample : K1688-13
 Misc : 8.89G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-G

Quant Time: Mar 06 07:59:33 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

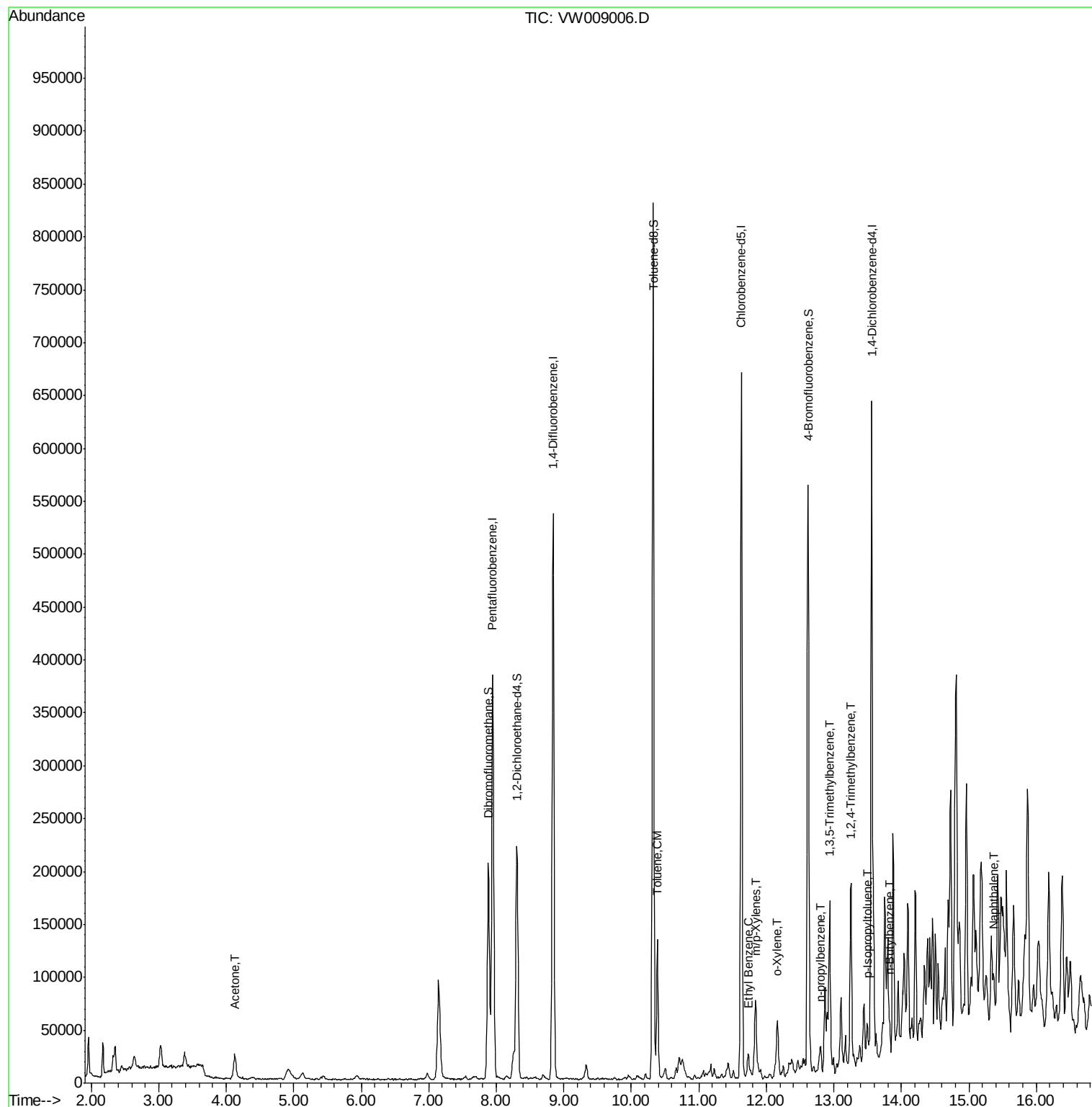
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	157485	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
35) Dibromofluoromethane	7.88	113	137977	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	510291	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	161011	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	42011	68.761	ug/l #	88
52) Toluene	10.39	92	55361	7.059	ug/l	96
67) Ethyl Benzene	11.73	91	14327	1.038	ug/l	97
68) m/p-Xylenes	11.83	106	14211	2.576	ug/l	99
69) o-Xylene	12.16	106	11483	2.218	ug/l	87
78) n-propylbenzene	12.80	91	17649	1.410	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	32606	3.668	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	94291	10.247	ug/l	97
86) p-Isopropyltoluene	13.50	119	11133	1.099	ug/l	96
89) n-Butylbenzene	13.83	91	12963	1.366	ug/l #	62
95) Naphthalene	15.37	128	18174	3.315	ug/l #	92

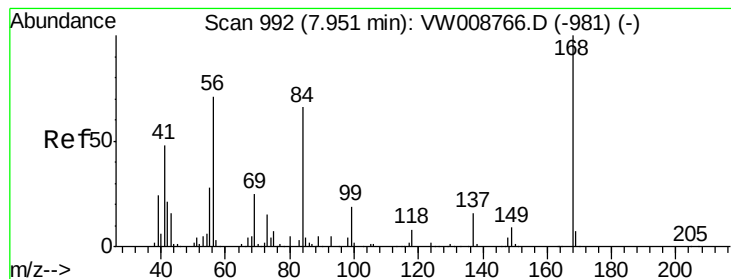
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW009006.D
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Operator : SY/VA
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JC-03-030119-G

Quant Time: Mar 06 07:59:33 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: VW009006.D

Acq: 05 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

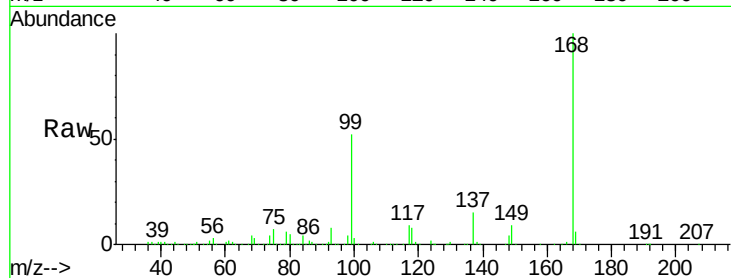
JC-03-030119-G

Tot Ion:168 Resp: 281036

Ion Ratio Lower Upper

168 100

99 51.9 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

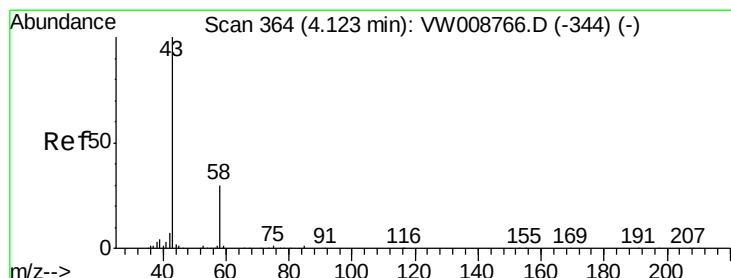
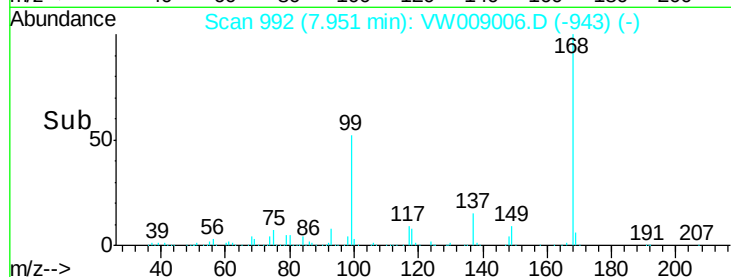
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 68.761 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW009006.D

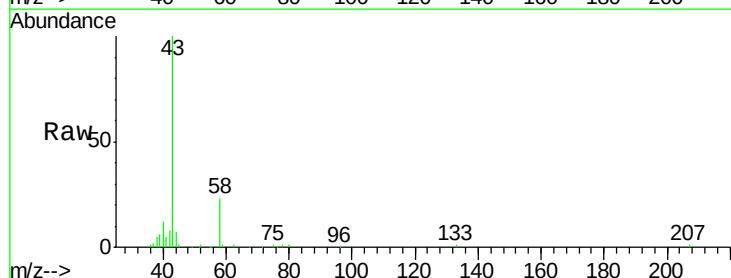
Acq: 05 Mar 2019 19:30

Tgt Ion: 43 Resp: 42011

Ion Ratio Lower Upper

43 100

58 23.2 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

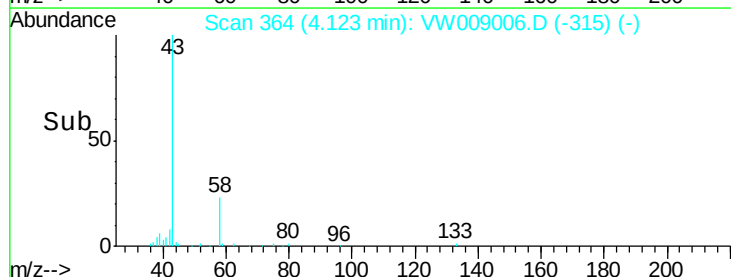
15000

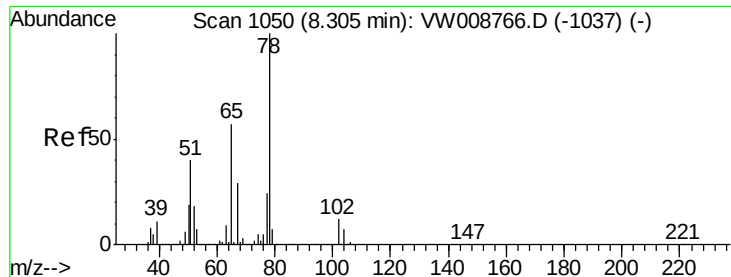
10000

5000

0

Time-->

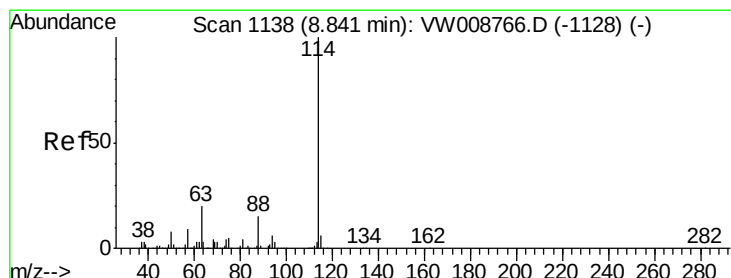
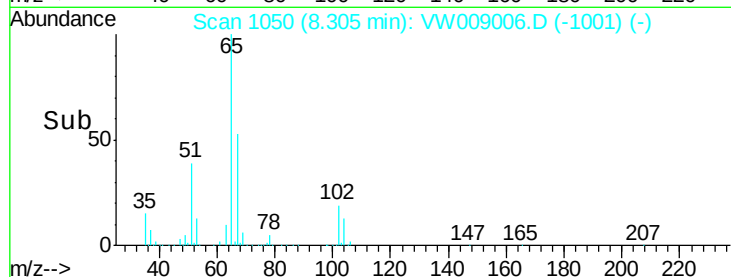
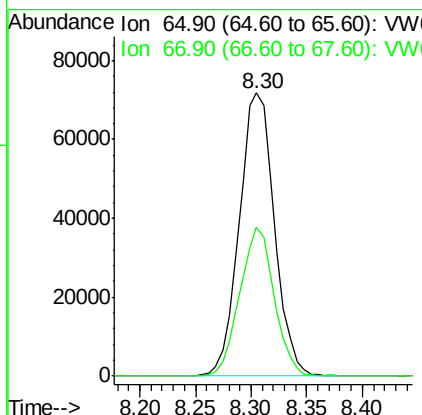
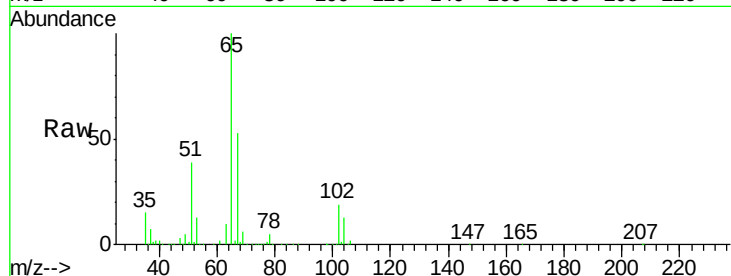




#33
 1,2-Dichloroethane-d4
 Concen: 59.747 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009006.D
 Acq: 05 Mar 2019 19:30

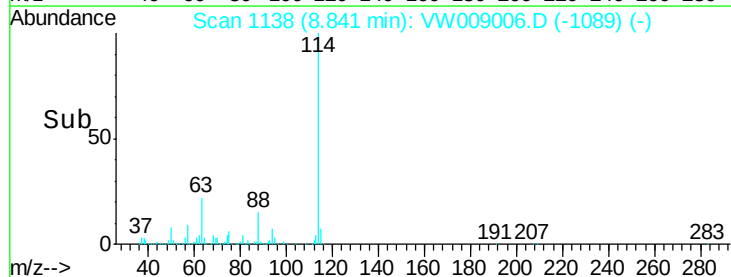
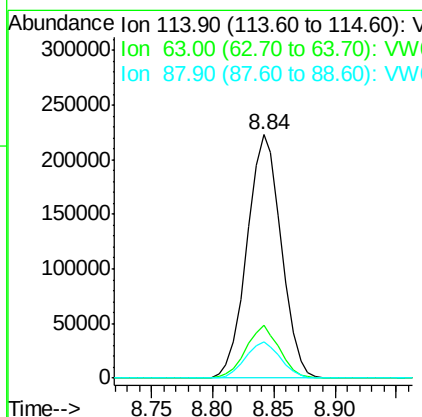
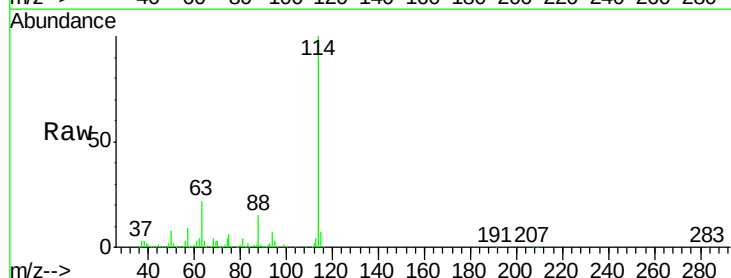
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-G

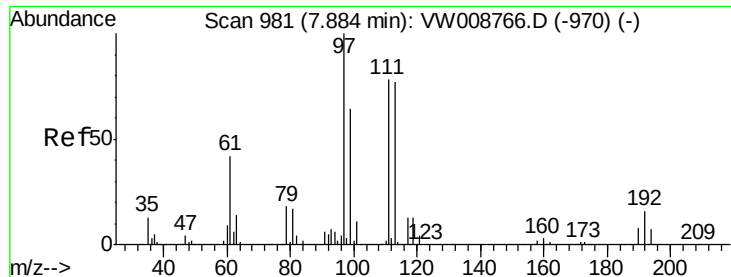
Tot Ion: 65 Resp: 157485
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009006.D
 Acq: 05 Mar 2019 19:30

Tgt Ion: 114 Resp: 434810
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.8
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.852 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW009006.D

Acq: 05 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-G

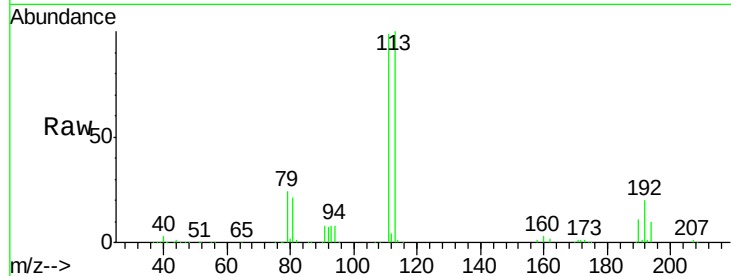
Tot Ion:113 Resp: 137977

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

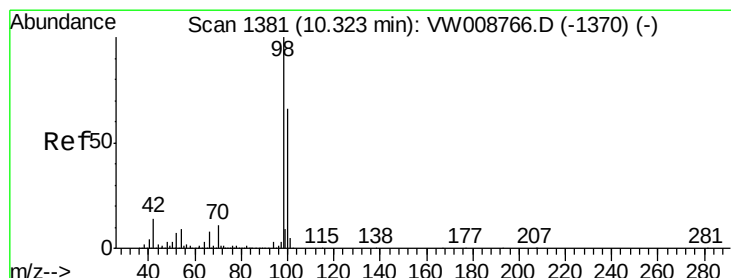
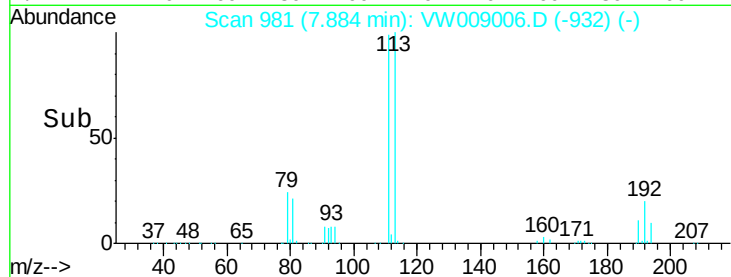
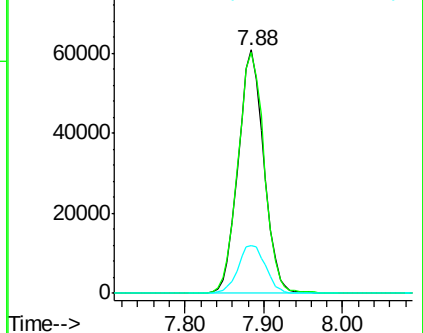
192 21.1 17.1 25.7



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



#50

Toluene-d8

Concen: 50.635 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009006.D

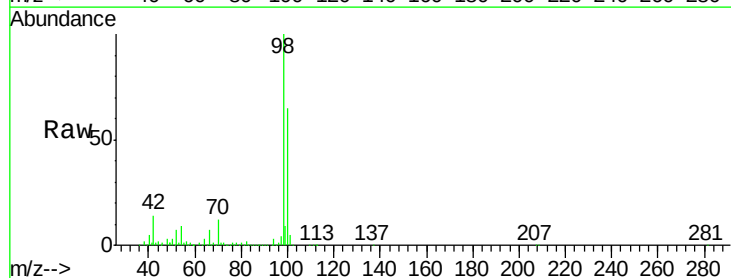
Acq: 05 Mar 2019 19:30

Tgt Ion: 98 Resp: 510291

Ion Ratio Lower Upper

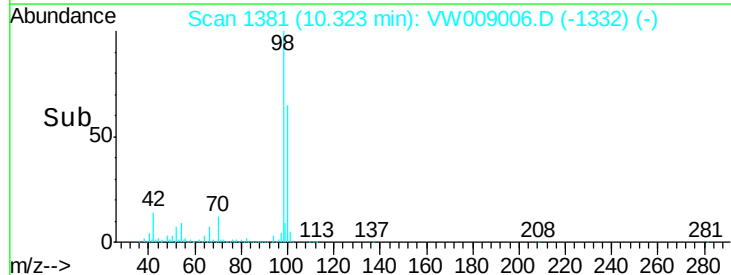
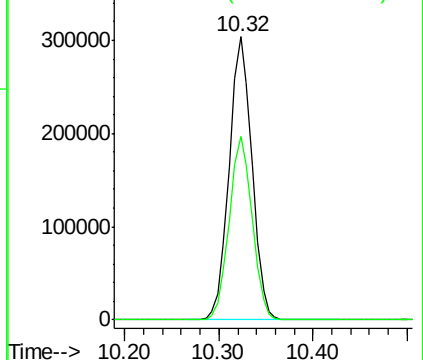
98 100

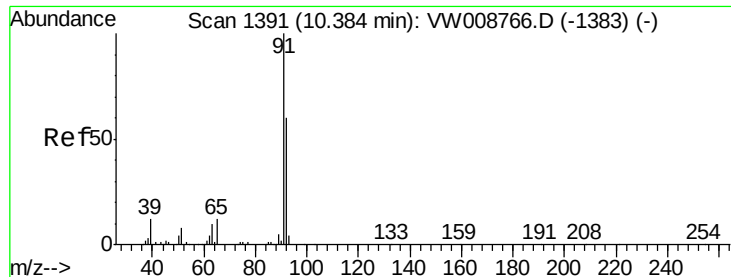
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 7.059 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009006.D

Acq: 05 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

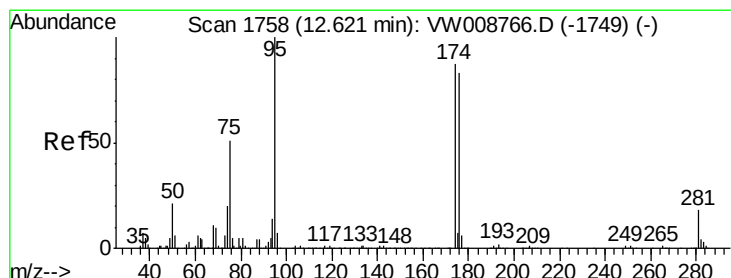
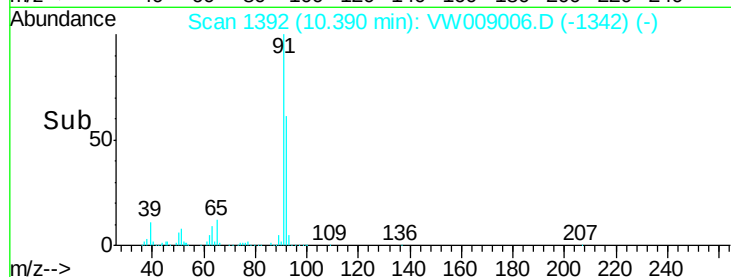
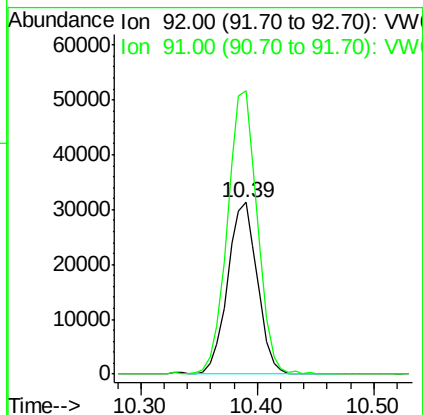
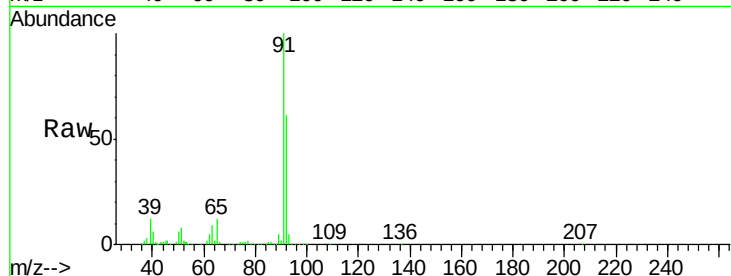
JC-03-030119-G

Tot Ion: 92 Resp: 55361

Ion Ratio Lower Upper

92 100

91 165.9 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 40.804 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009006.D

Acq: 05 Mar 2019 19:30

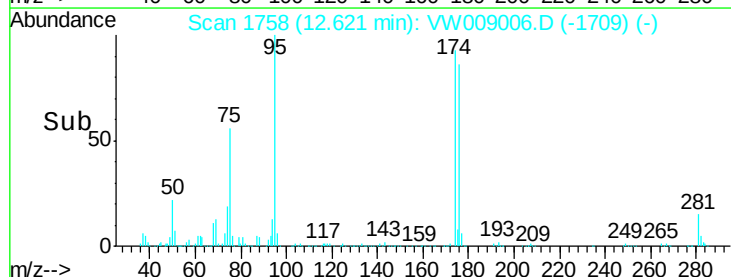
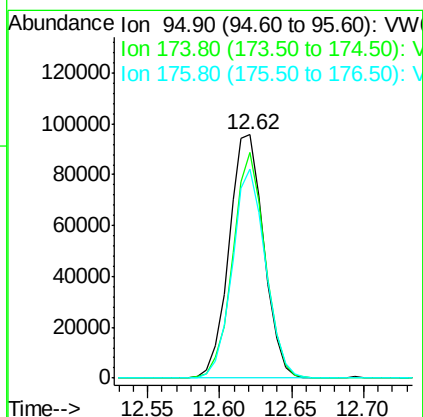
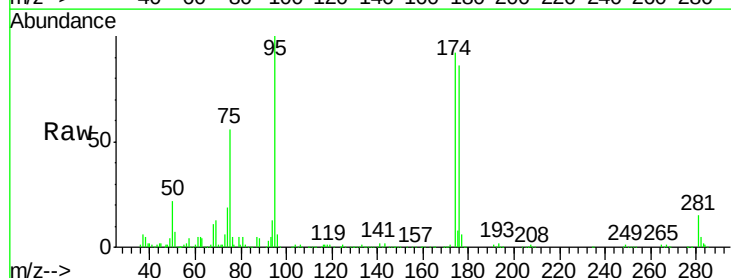
Tgt Ion: 95 Resp: 161011

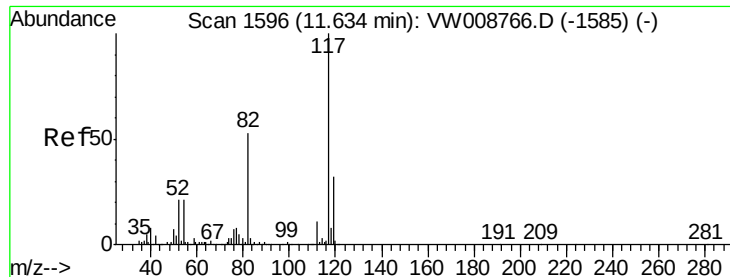
Ion Ratio Lower Upper

95 100

174 86.1 0.0 169.2

176 82.4 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW009006.D

Acq: 05 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-G

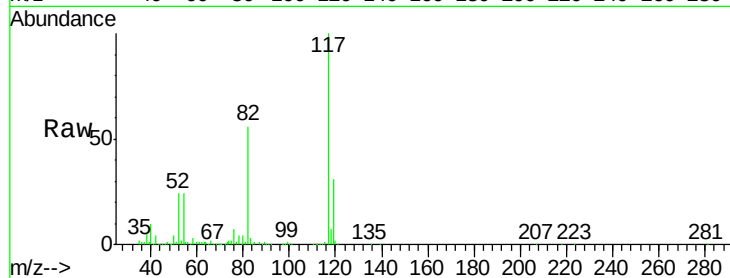
Tot Ion:117 Resp: 367279

Ion Ratio Lower Upper

117 100

82 55.8 42.2 63.4

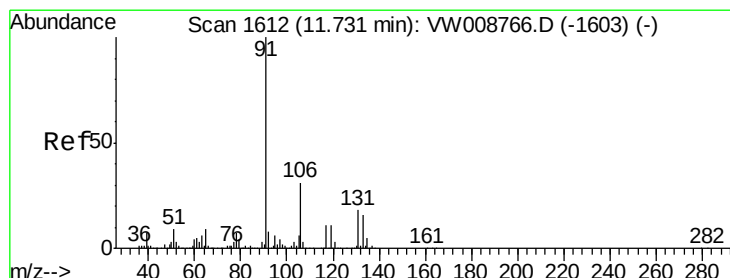
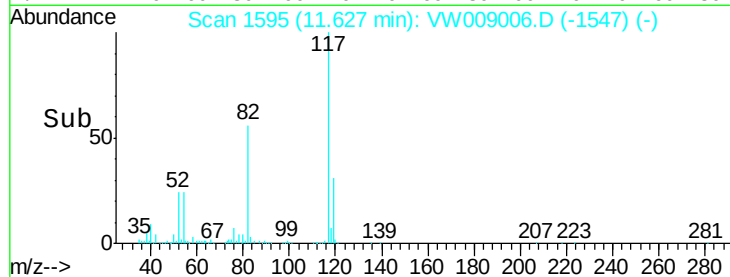
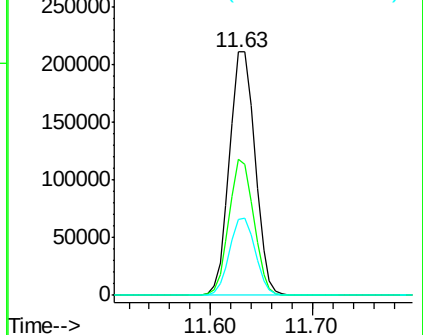
119 31.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.038 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009006.D

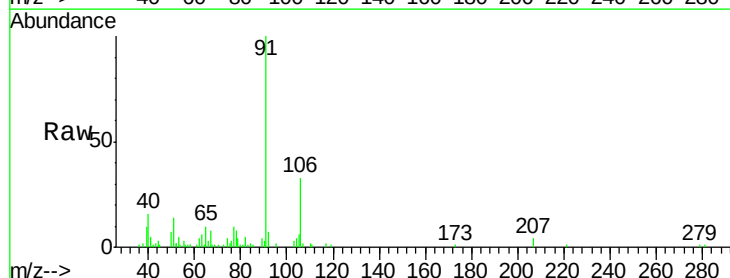
Acq: 05 Mar 2019 19:30

Tgt Ion: 91 Resp: 14327

Ion Ratio Lower Upper

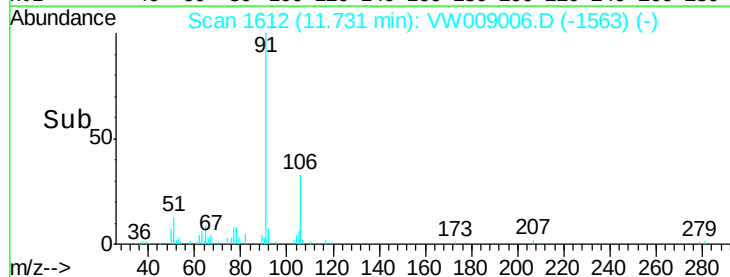
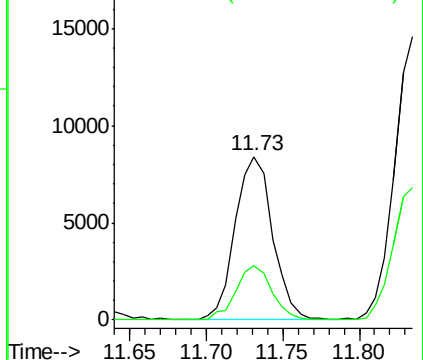
91 100

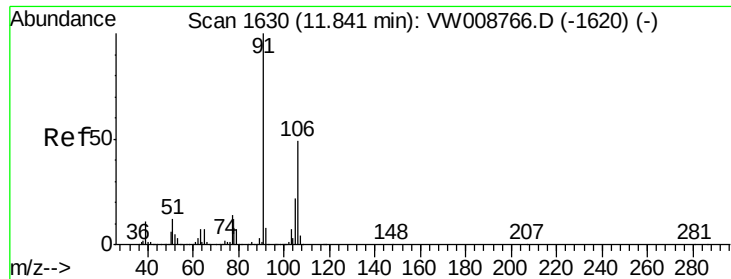
106 32.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

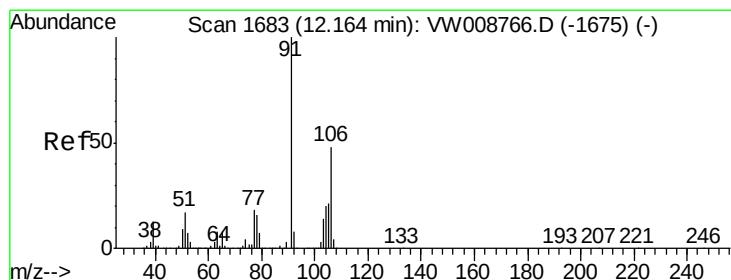
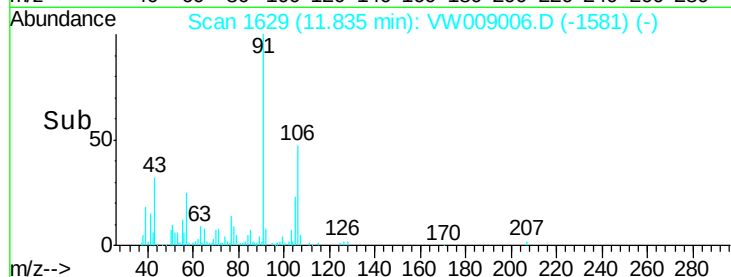
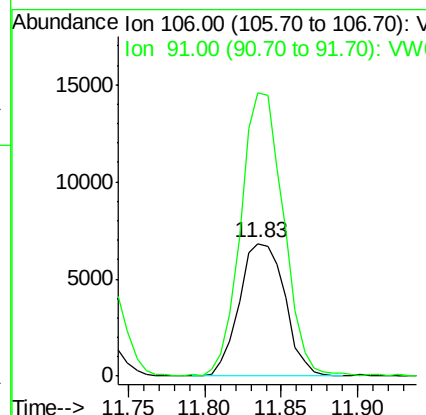
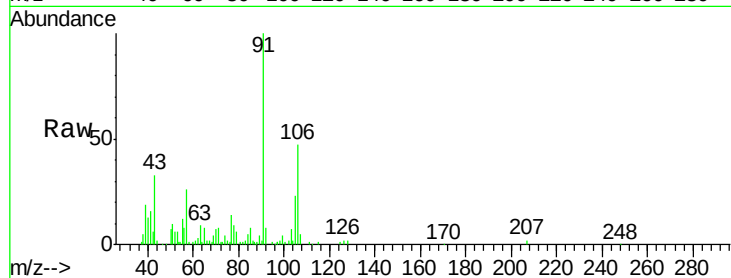




#68
m/p-Xylenes
Concen: 2.576 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009006.D
Acq: 05 Mar 2019 19:30

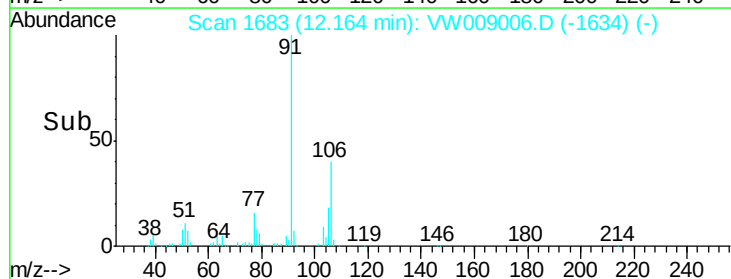
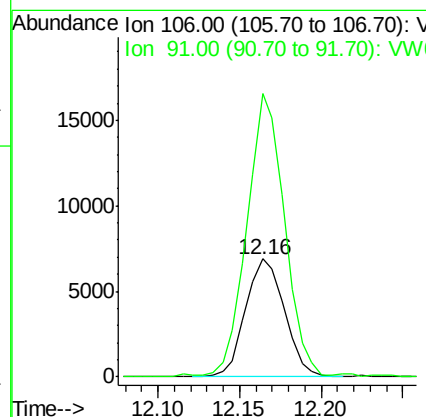
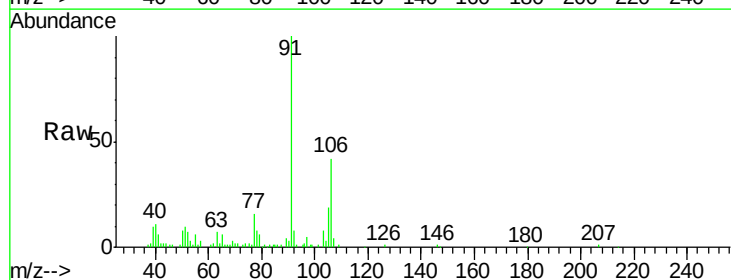
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-G

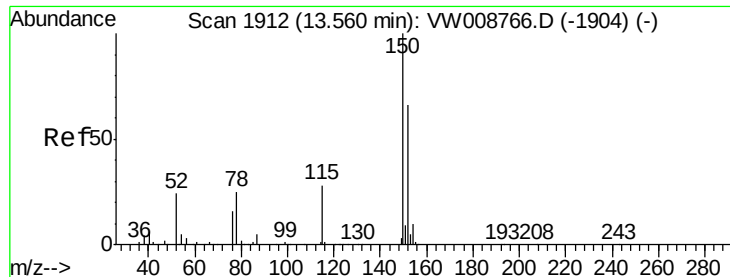
Tot Ion:106 Resp: 14211
Ion Ratio Lower Upper
106 100
91 199.6 161.5 242.3



#69
o-Xylene
Concen: 2.218 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009006.D
Acq: 05 Mar 2019 19:30

Tgt Ion:106 Resp: 11483
Ion Ratio Lower Upper
106 100
91 232.9 106.2 318.6



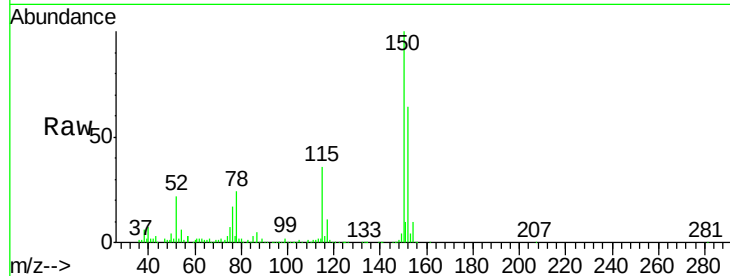


#72

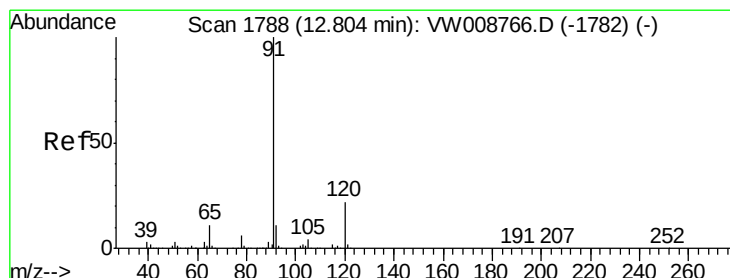
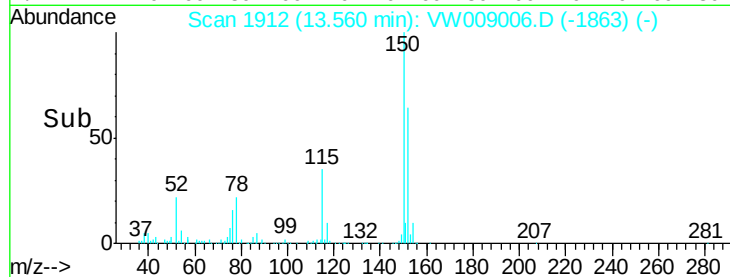
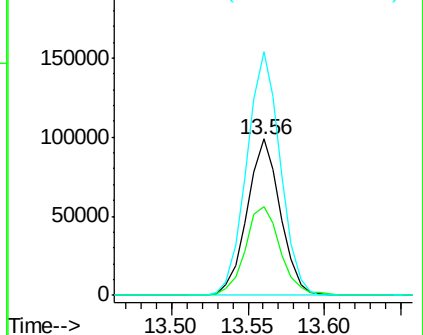
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009006.D
Acq: 05 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-G

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.6	85.8
150	157.4	0.0	348.0



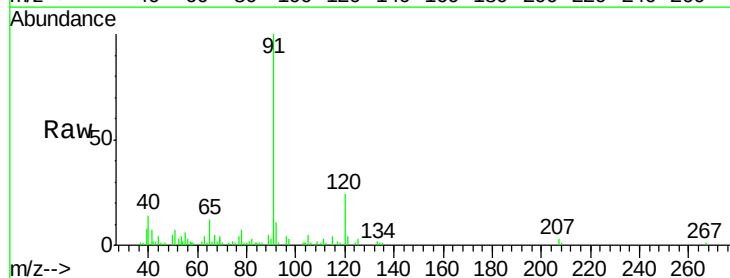
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



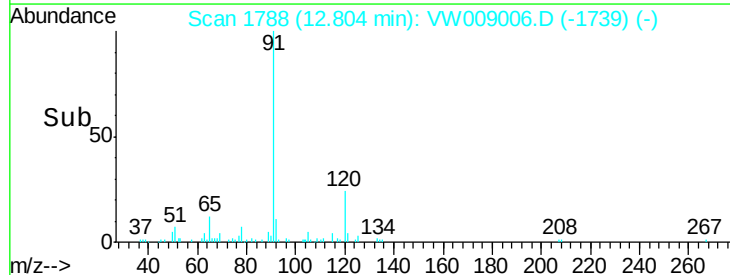
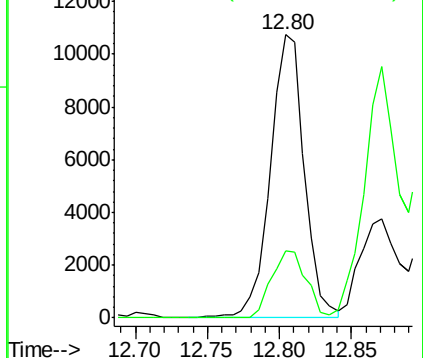
#78

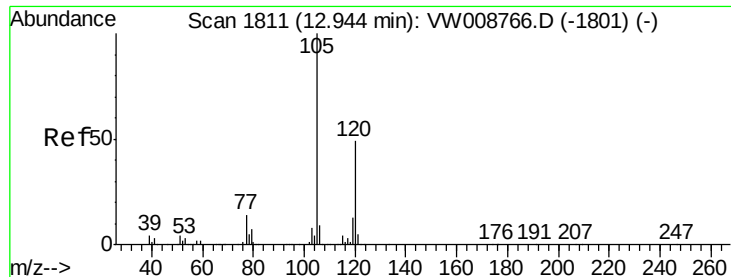
n-propylbenzene
Concen: 1.410 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW009006.D
Acq: 05 Mar 2019 19:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 3.668 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009006.D

Acq: 05 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

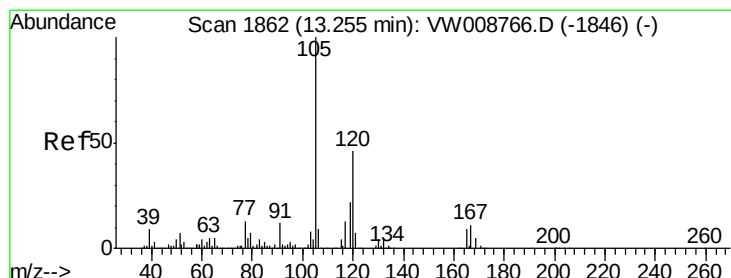
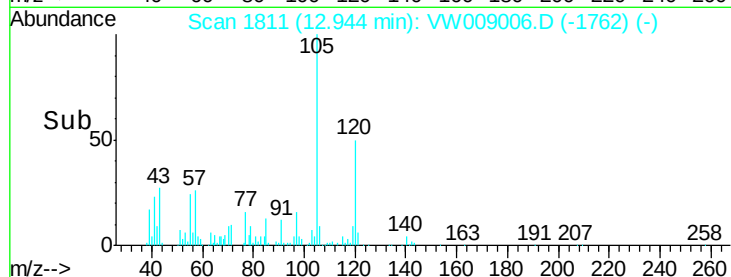
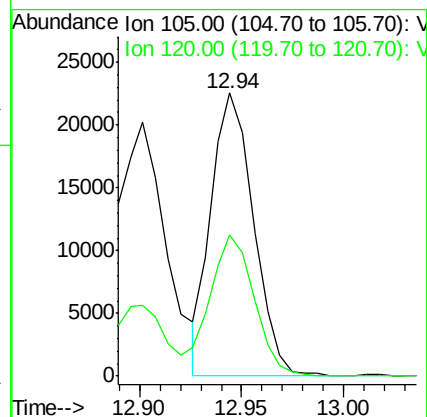
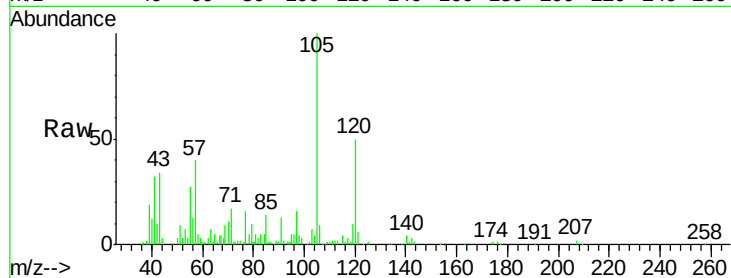
JC-03-030119-G

Tot Ion:105 Resp: 32606

Ion Ratio Lower Upper

105 100

120 52.6 24.8 74.4



#84

1,2,4-Trimethylbenzene

Concen: 10.247 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW009006.D

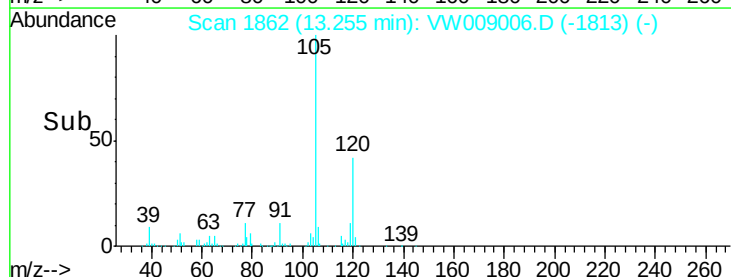
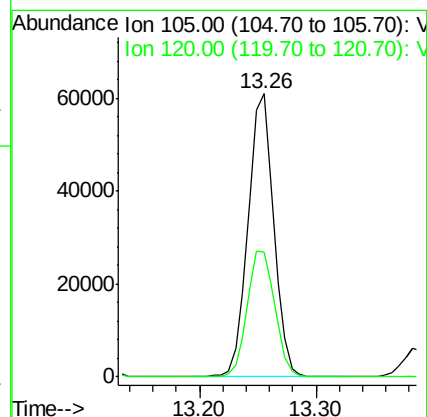
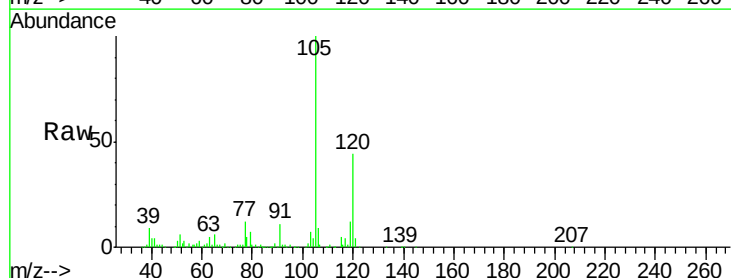
Acq: 05 Mar 2019 19:30

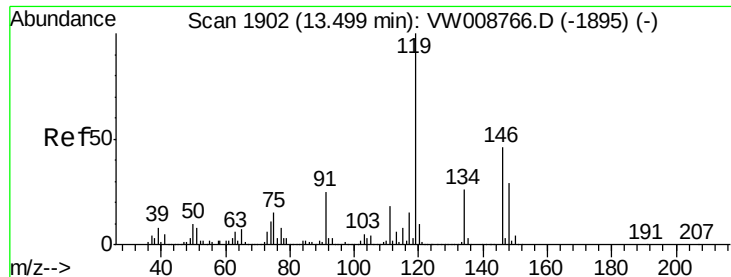
Tgt Ion:105 Resp: 94291

Ion Ratio Lower Upper

105 100

120 47.9 22.8 68.4

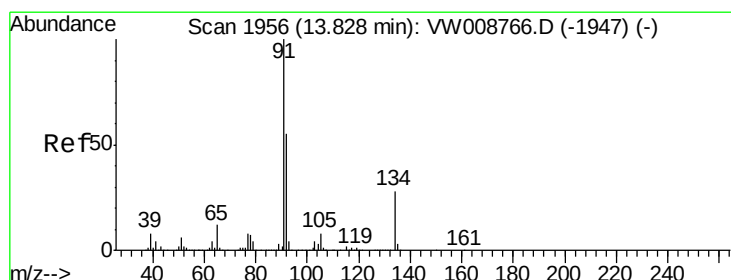
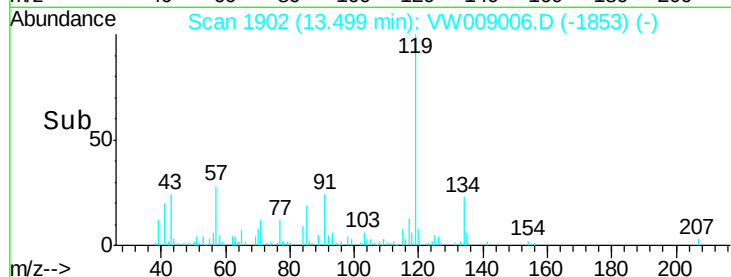
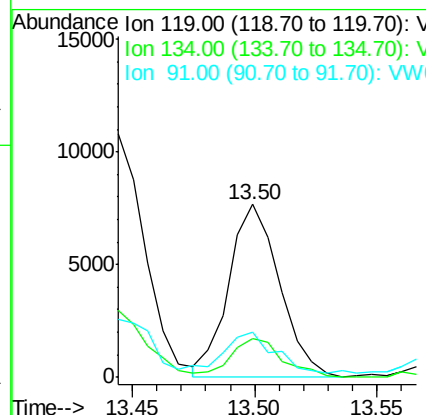
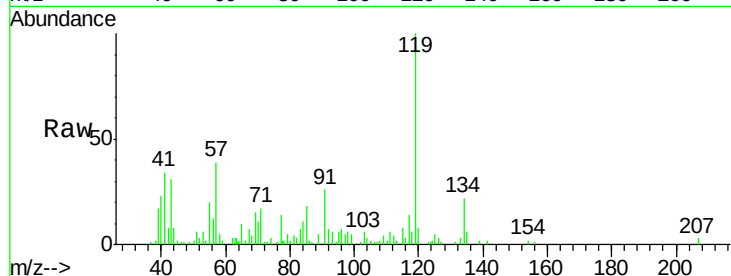




#86
 p-Isopropyltoluene
 Concen: 1.099 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009006.D
 Acq: 05 Mar 2019 19:30

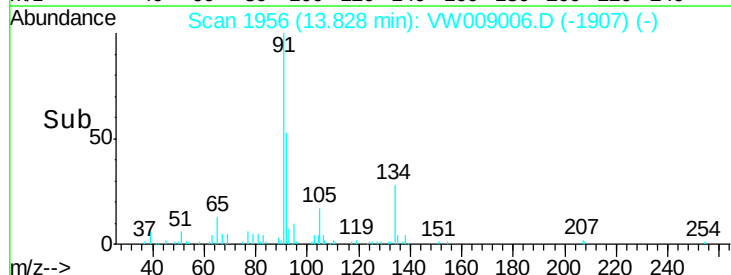
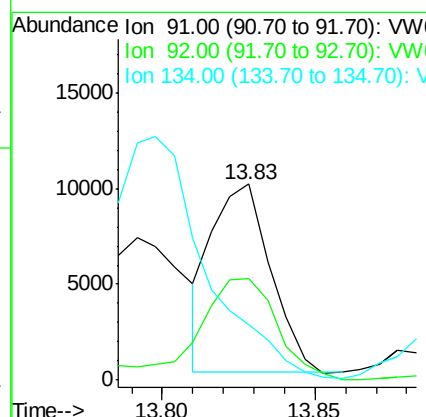
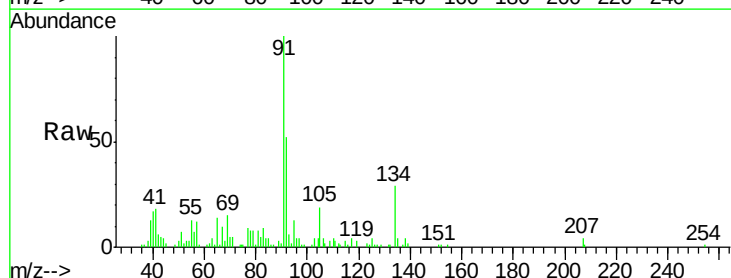
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-G

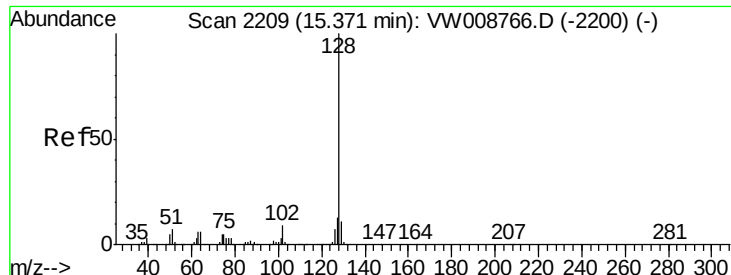
Tot Ion	Ratio	Lower	Upper
119	100		
134	23.0	13.1	39.3
91	24.7	12.1	36.3



#89
 n-Butylbenzene
 Concen: 1.366 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW009006.D
 Acq: 05 Mar 2019 19:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	75.6	26.8	80.4
134	0.0	13.5	40.4

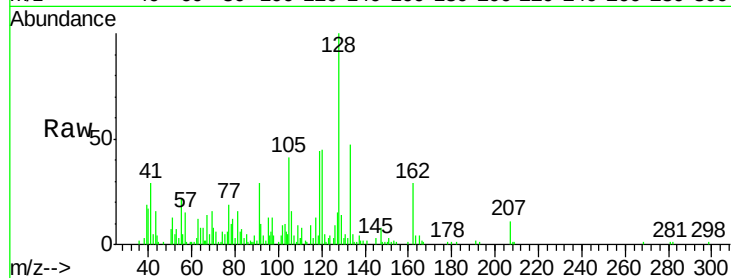




#95
Naphthalene
Concen: 3.315 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW009006.D
Acq: 05 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-G

Tot Ion:128 Resp: 18174
Ion Ratio Lower Upper
128 100
127 11.4 10.8 16.2
129 6.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

