

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008636.D
 Acq On : 12 Feb 2019 21:13
 Operator : SY/VA
 Sample : K1343-25
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-M

Quant Time: Feb 13 01:45:19 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

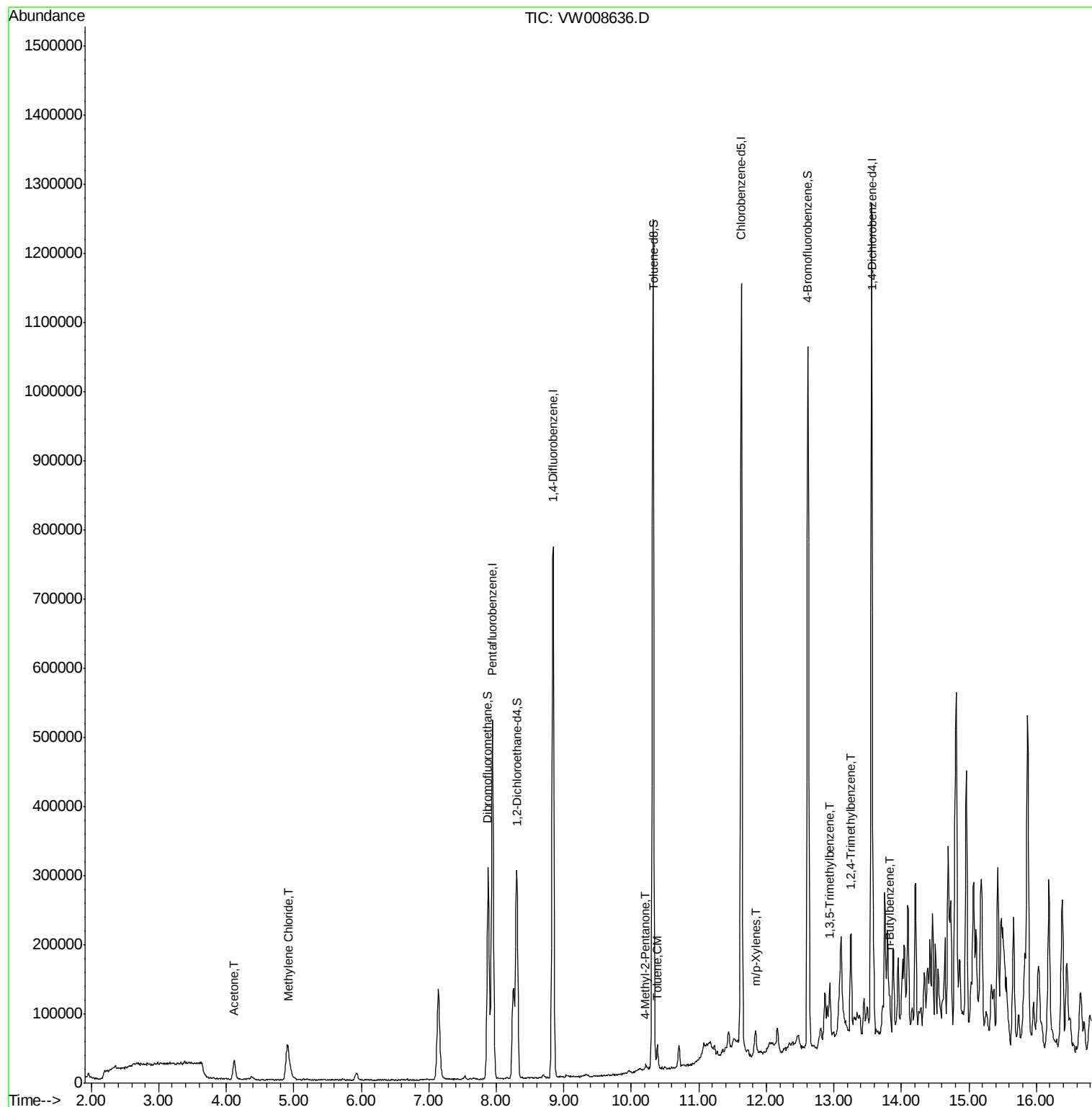
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	396462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	649112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	611771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	296806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	227987	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	
35) Dibromofluoromethane	7.88	113	206656	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	10.32	98	784542	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.62	95	298830	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
Target Compounds						
16) Acetone	4.12	43	49467	56.556	ug/l	96
20) Methylene Chloride	4.92	84	45783	11.357	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	5371	1.929	ug/l	93
52) Toluene	10.39	92	12785	1.138	ug/l	88
68) m/p-Xylenes	11.83	106	10819	1.215	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	25314	1.369	ug/l	94
84) 1,2,4-Trimethylbenzene	13.25	105	81333	4.327	ug/l	97
89) n-Butylbenzene	13.83	91	22595	1.118	ug/l #	70

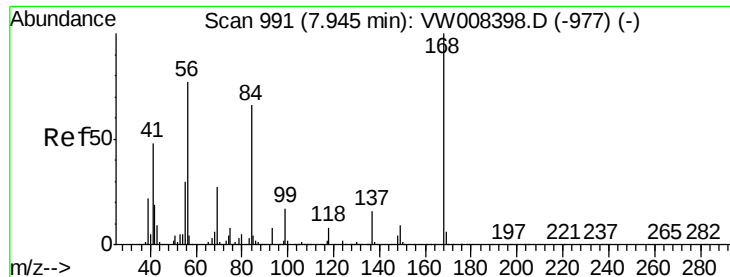
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008636.D
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Quant Time: Feb 13 01:45:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
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: VW008636.D

Acq: 12 Feb 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

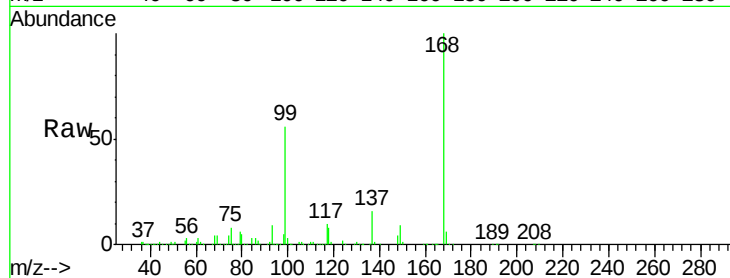
JC-02-021119-M

Tot Ion:168 Resp: 396462

Ion Ratio Lower Upper

168 100

99 55.9 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

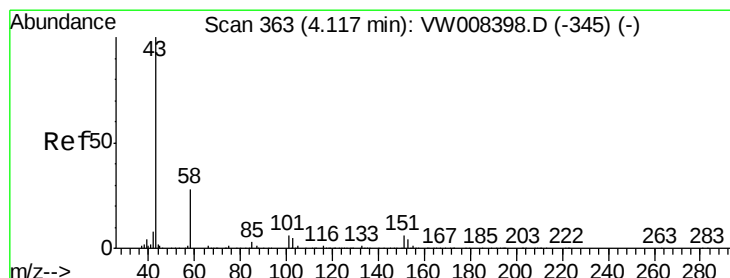
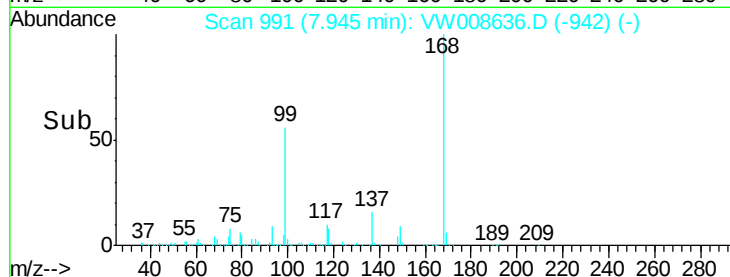
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 56.556 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008636.D

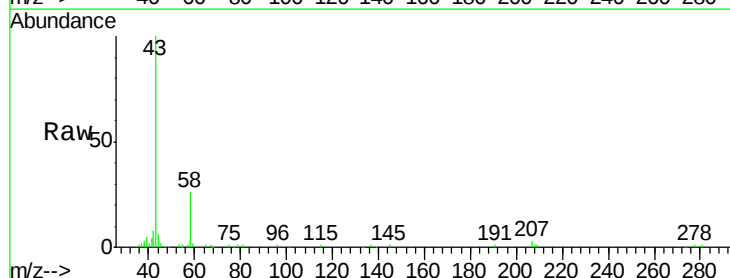
Acq: 12 Feb 2019 21:13

Tgt Ion: 43 Resp: 49467

Ion Ratio Lower Upper

43 100

58 26.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

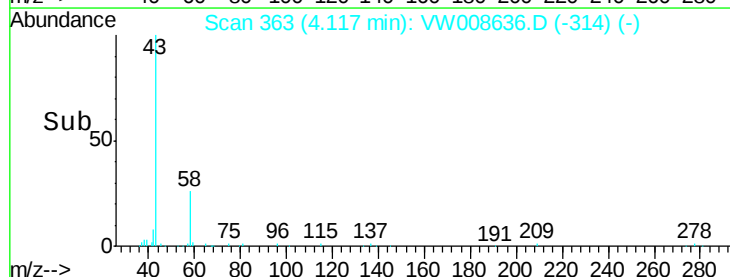
15000

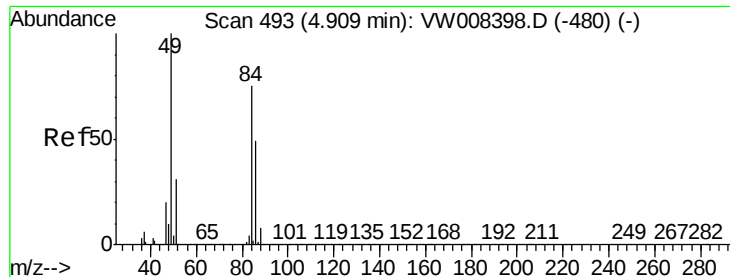
10000

5000

0

Time--> 4.00 4.10 4.20

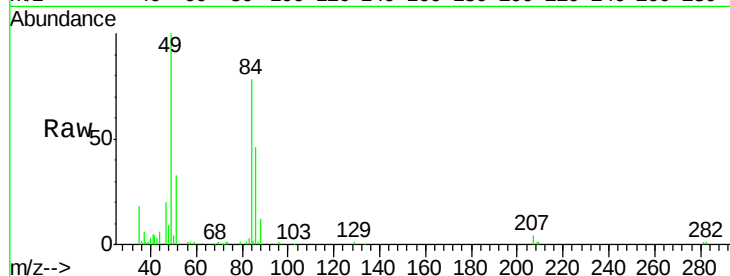




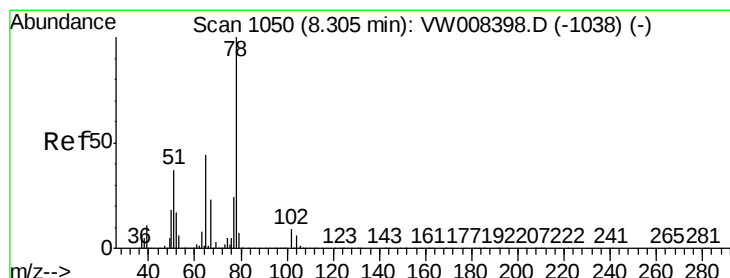
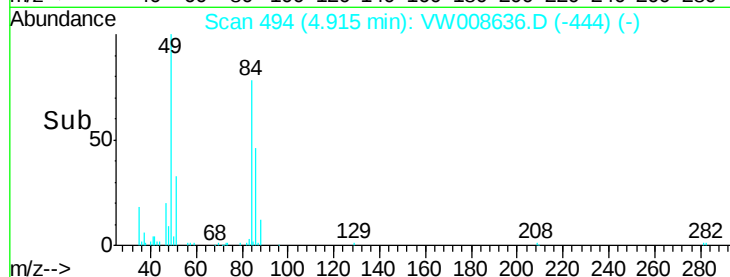
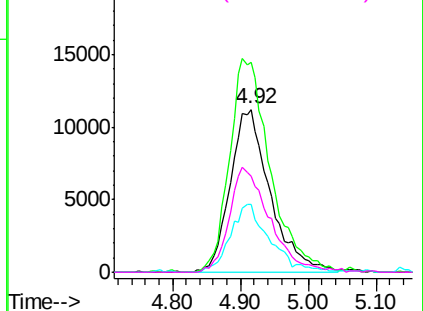
#20
Methvlene Chloride
Concen: 11.357 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008636.D
Acq: 12 Feb 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-M

Tot Ion: 84 Resp: 45783
Ion Ratio Lower Upper
84 100
49 128.3 106.8 160.2
51 41.9 32.9 49.3
86 58.0 52.2 78.2

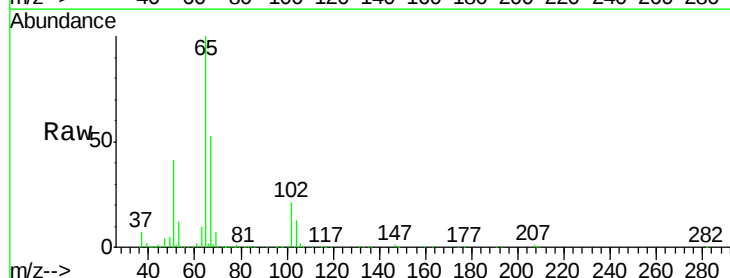


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

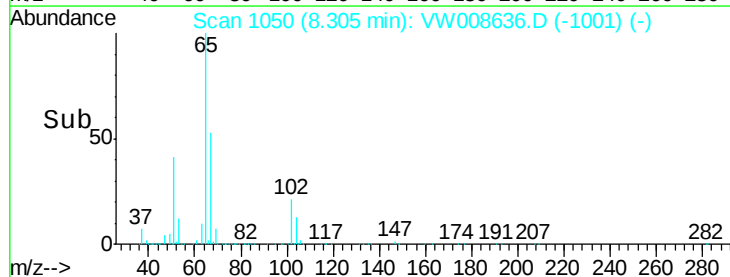
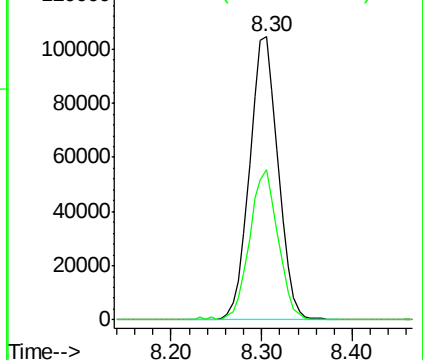


#33
1,2-Dichloroethane-d4
Concen: 58.535 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008636.D
Acq: 12 Feb 2019 21:13

Tgt Ion: 65 Resp: 227987
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

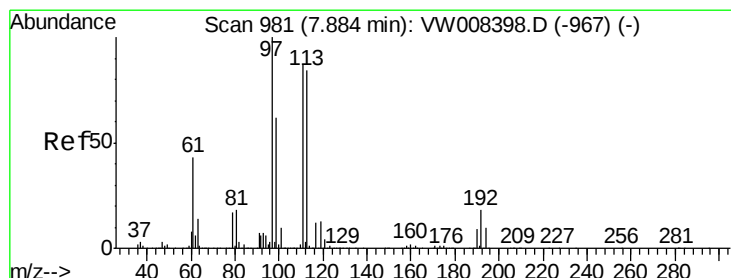
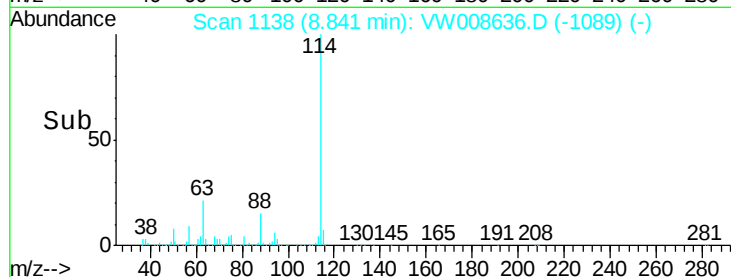
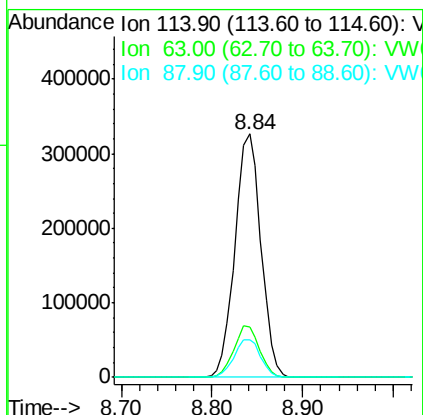
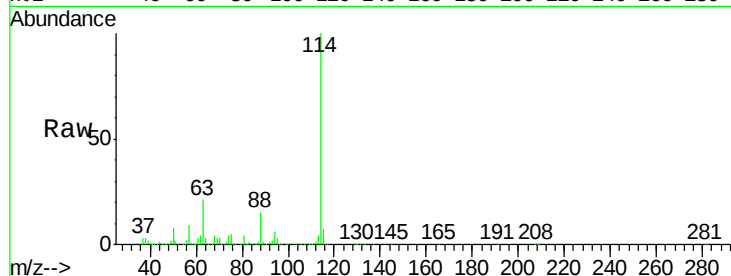




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008636.D
Acq: 12 Feb 2019 21:13

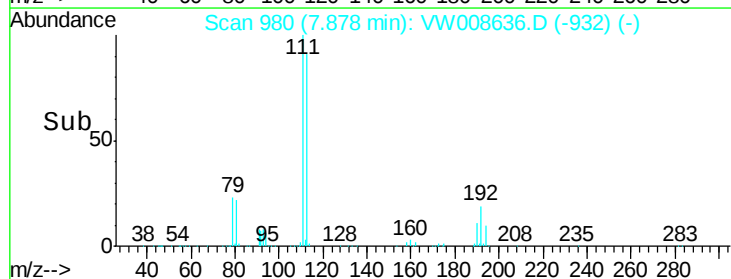
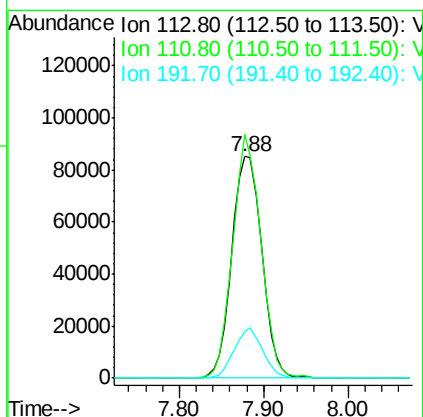
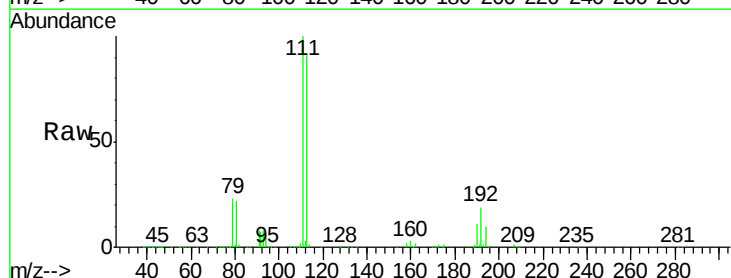
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-M

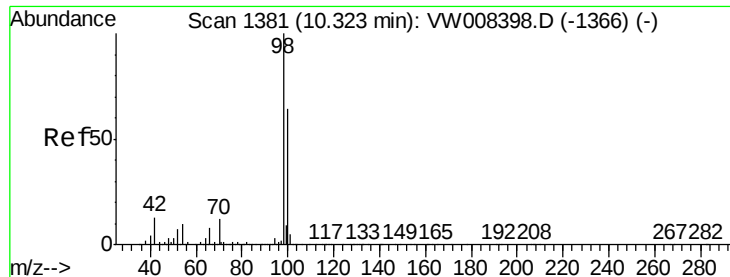
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.446 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008636.D
Acq: 12 Feb 2019 21:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	21.2	16.8	25.2





#50

Toluene-d8

Concen: 51.545 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008636.D

Acq: 12 Feb 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

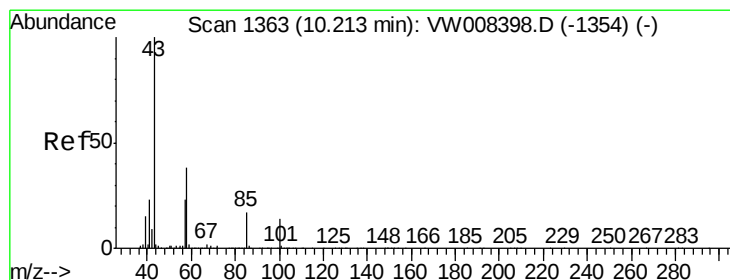
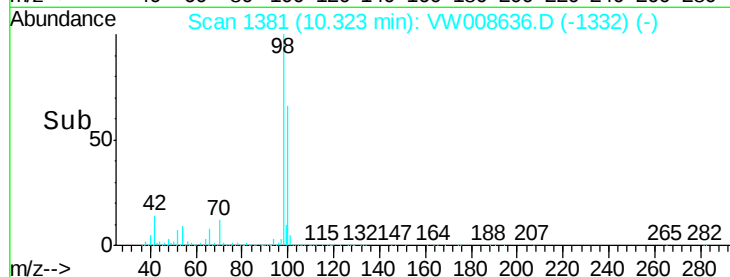
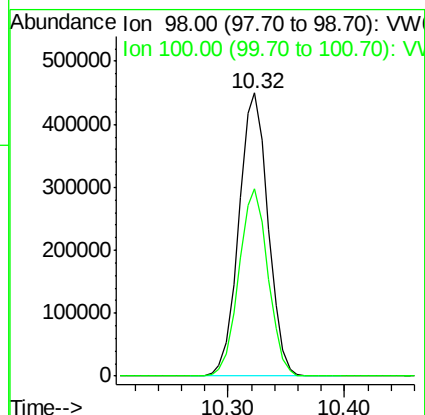
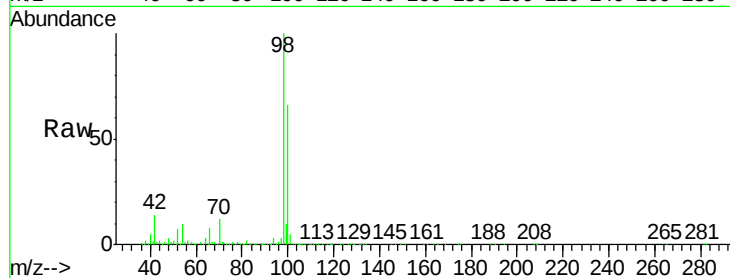
JC-02-021119-M

Tot Ion: 98 Resp: 784542

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.929 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008636.D

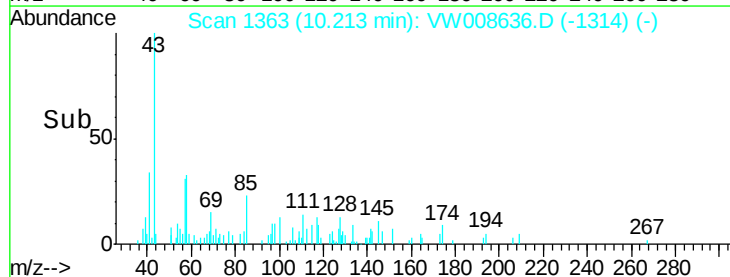
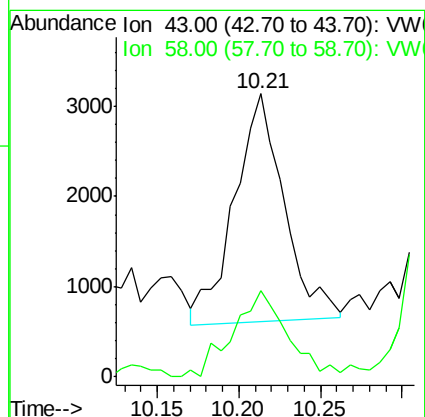
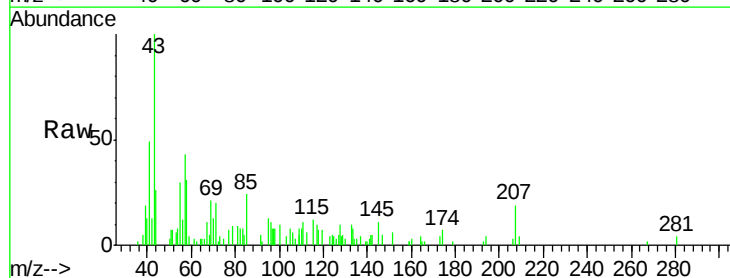
Acq: 12 Feb 2019 21:13

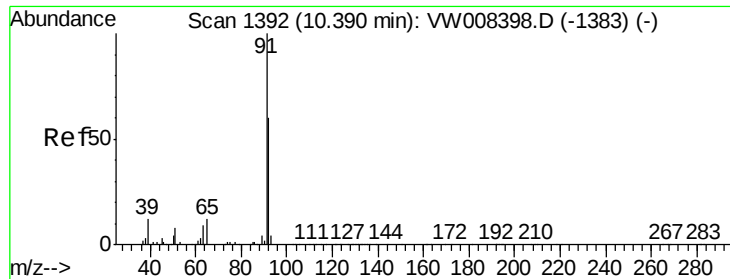
Tgt Ion: 43 Resp: 5371

Ion Ratio Lower Upper

43 100

58 41.5 29.7 44.5





#52

Toluene

Concen: 1.138 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008636.D

Acq: 12 Feb 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

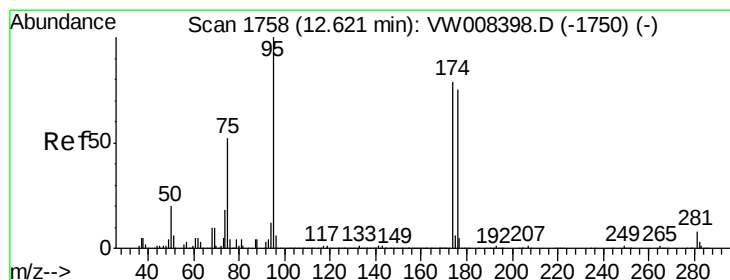
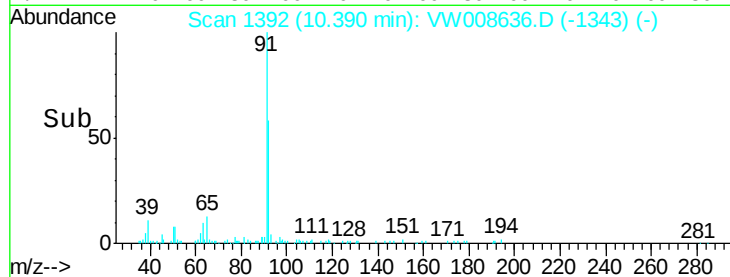
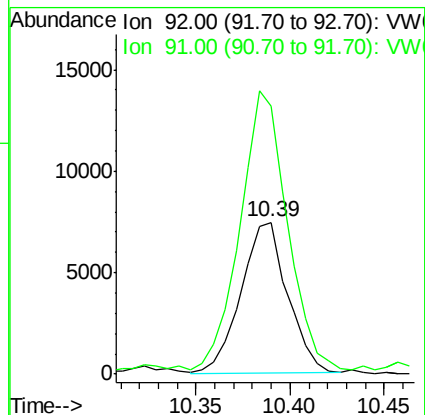
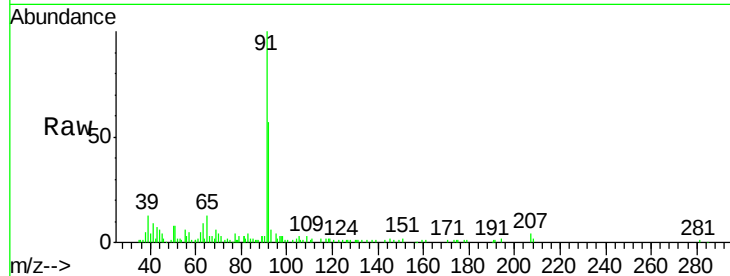
JC-02-021119-M

Tot Ion: 92 Resp: 12785

Ion Ratio Lower Upper

92 100

91 186.4 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 51.078 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008636.D

Acq: 12 Feb 2019 21:13

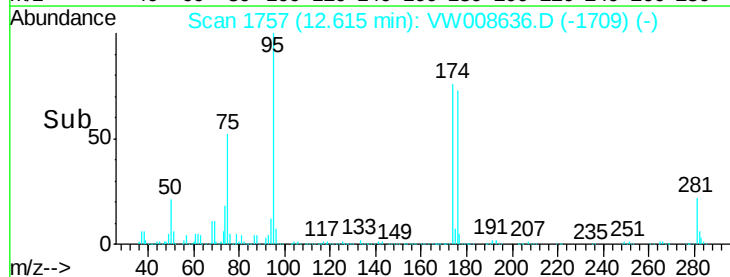
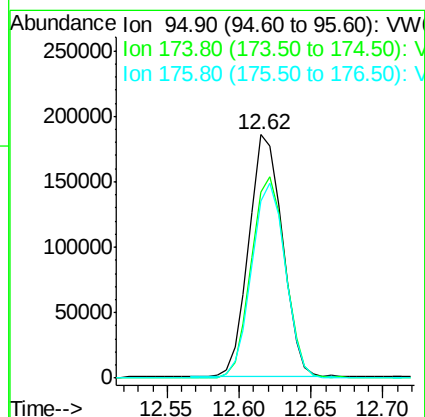
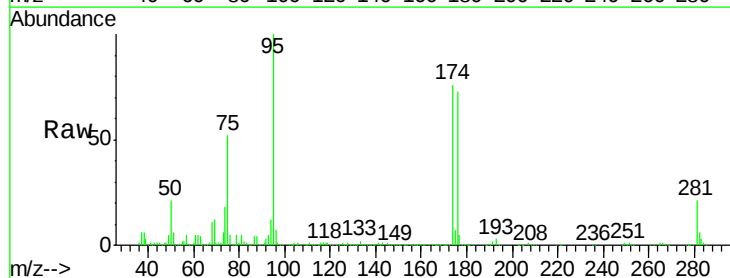
Tgt Ion: 95 Resp: 298830

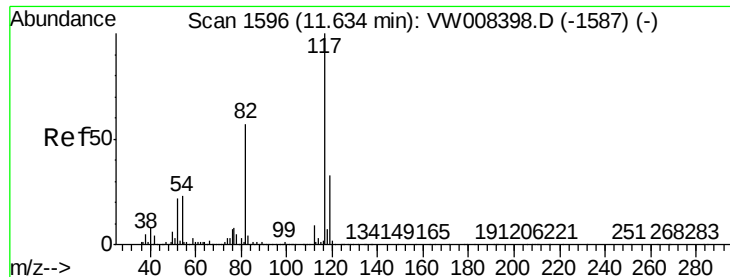
Ion Ratio Lower Upper

95 100

174 84.3 0.0 157.6

176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008636.D

Acq: 12 Feb 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-M

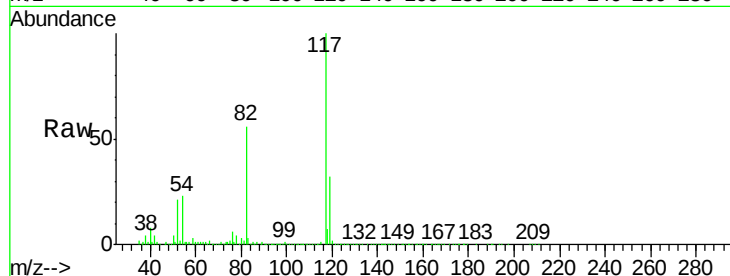
Tot Ion:117 Resp: 611771

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

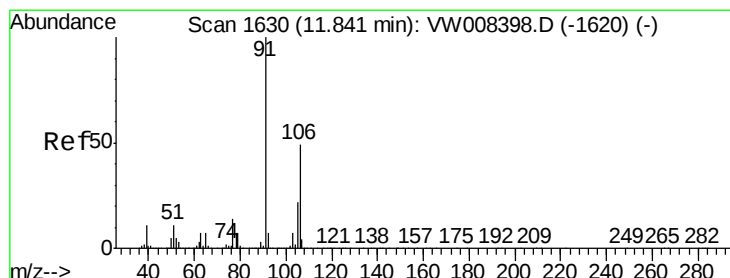
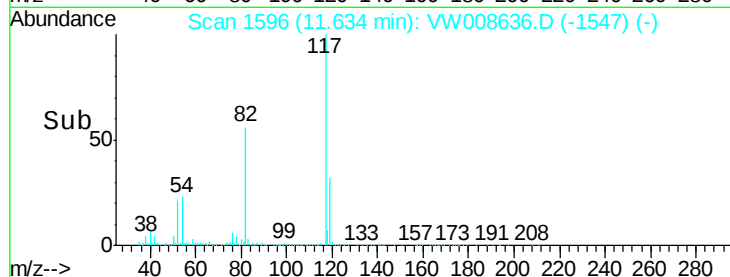
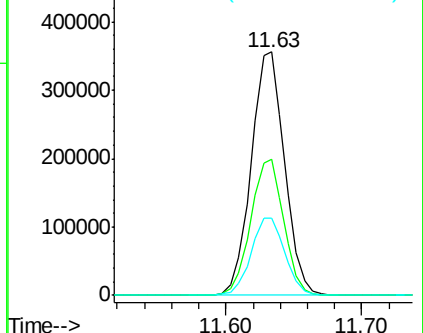
119 31.7 26.2 39.4



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



#68

m/p-Xylenes

Concen: 1.215 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008636.D

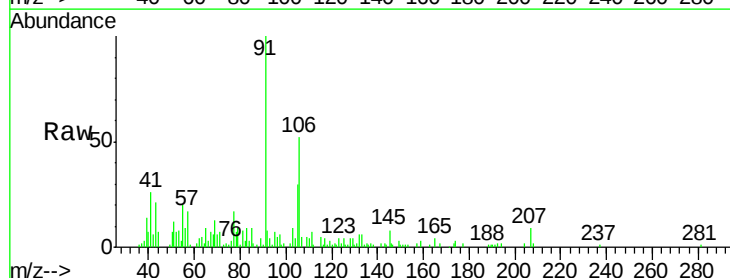
Acq: 12 Feb 2019 21:13

Tgt Ion:106 Resp: 10819

Ion Ratio Lower Upper

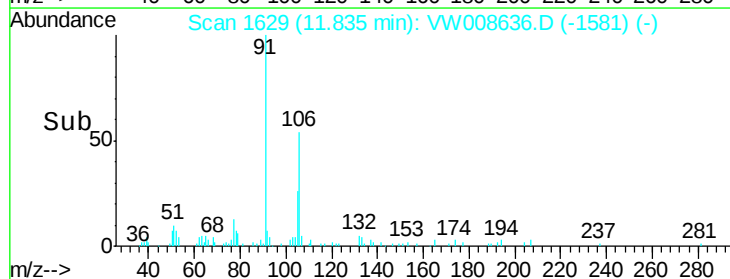
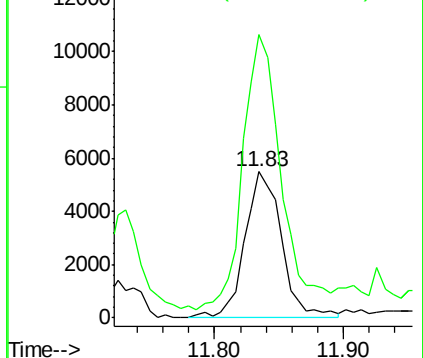
106 100

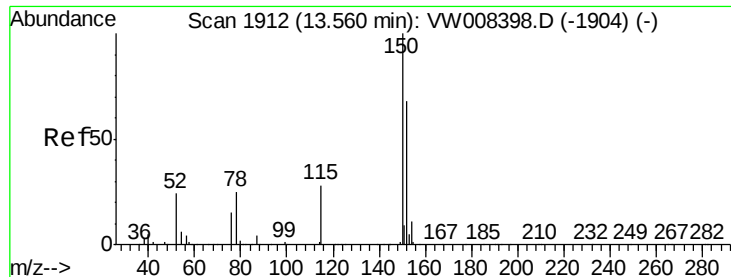
91 195.5 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VW008636.D

Acq: 12 Feb 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-M

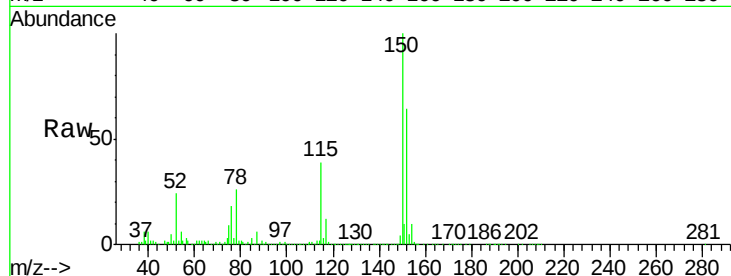
Tot Ion:152 Resp: 296806

Ion Ratio Lower Upper

152 100

115 59.3 29.9 89.7

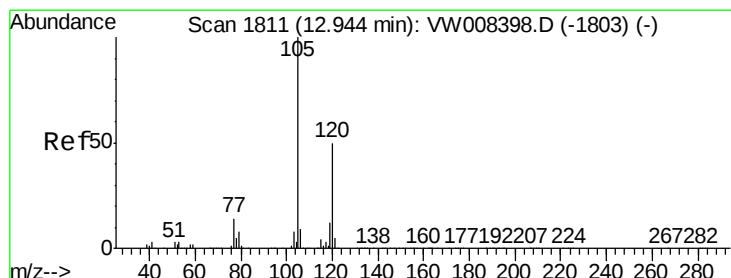
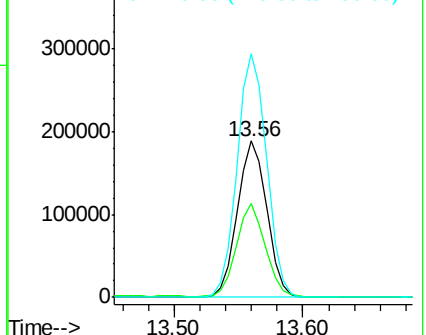
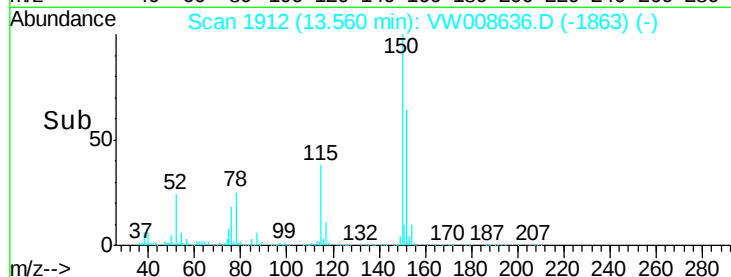
150 157.3 0.0 351.4



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: 1.369 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008636.D

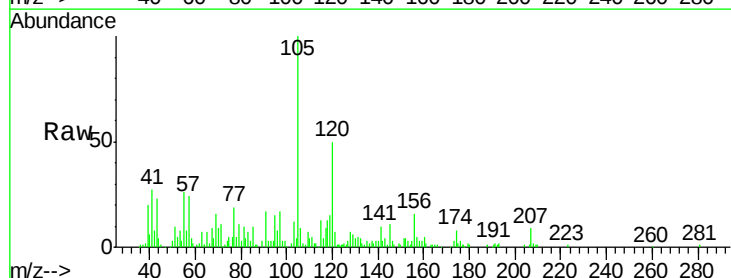
Acq: 12 Feb 2019 21:13

Tgt Ion:105 Resp: 25314

Ion Ratio Lower Upper

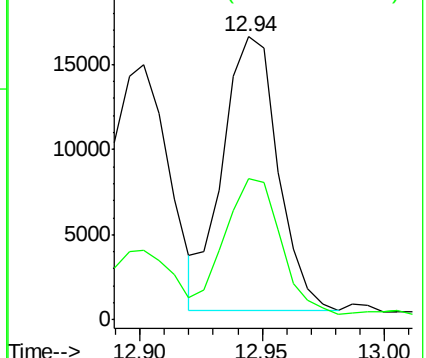
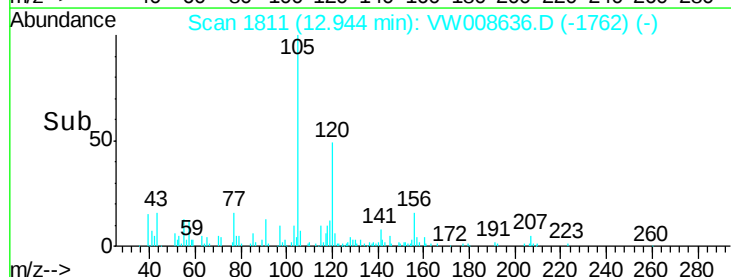
105 100

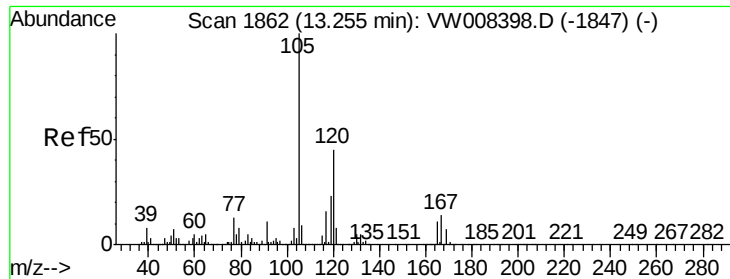
120 53.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

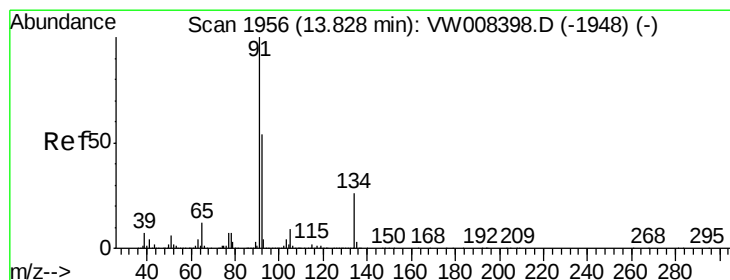
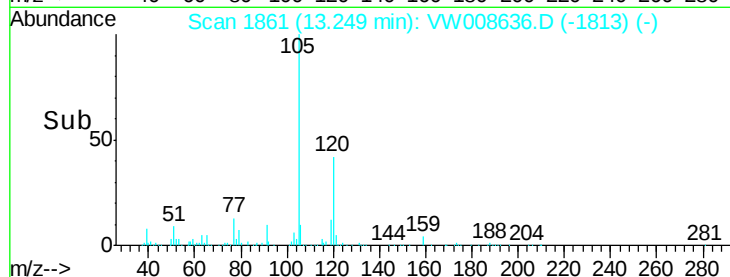
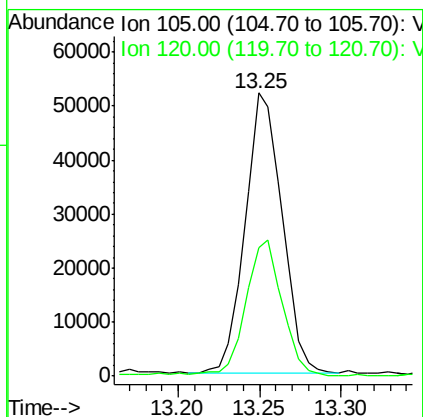
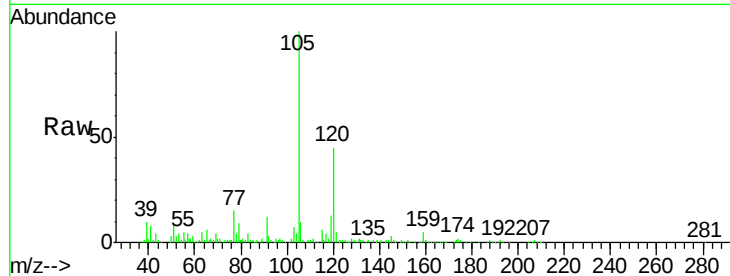




#84
 1,2,4-Trimethylbenzene
 Concen: 4.327 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008636.D
 Acq: 12 Feb 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-M

Tot Ion:105 Resp: 81333
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.1 69.2



#89
 n-Butylbenzene
 Concen: 1.118 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008636.D
 Acq: 12 Feb 2019 21:13

Tgt Ion: 91 Resp: 22595
 Ion Ratio Lower Upper
 91 100
 92 68.8 27.4 82.2
 134 0.0 13.0 39.0#

