

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008866.D
 Acq On : 27 Feb 2019 20:23
 Operator : SY/VA
 Sample : K1353-05
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-C

Quant Time: Feb 28 07:54:41 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	177759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	262583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	94054	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	79381	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	10.32	98	313221	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	105986	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	

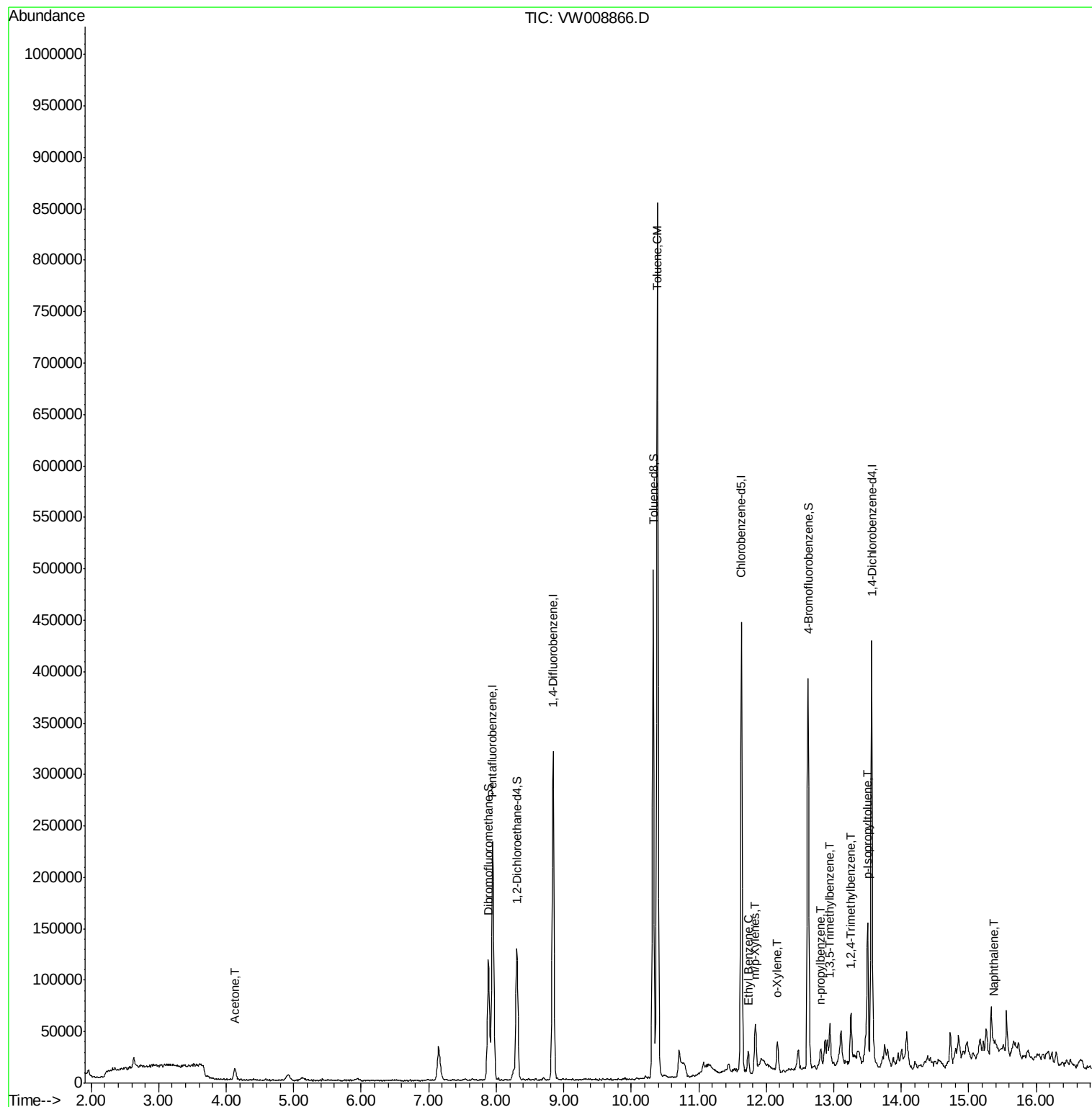
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	18303	47.362	ug/l	96
52) Toluene	10.39	92	358999	75.796	ug/l	99
67) Ethyl Benzene	11.73	91	14077	1.582	ug/l	94
68) m/p-Xylenes	11.84	106	13924	3.917	ug/l	98
69) o-Xylene	12.17	106	7335	2.198	ug/l	97
78) n-propylbenzene	12.81	91	13634	1.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	14360	2.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	27747	4.154	ug/l	99
86) p-Isopropyltoluene	13.50	119	72528	9.862	ug/l	93
95) Naphthalene	15.37	128	12048	3.028	ug/l #	87

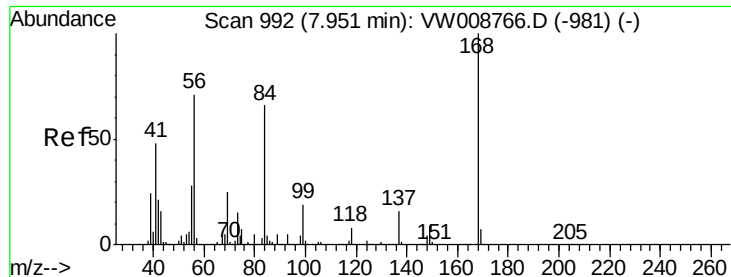
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW008866.D

Acq: 27 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

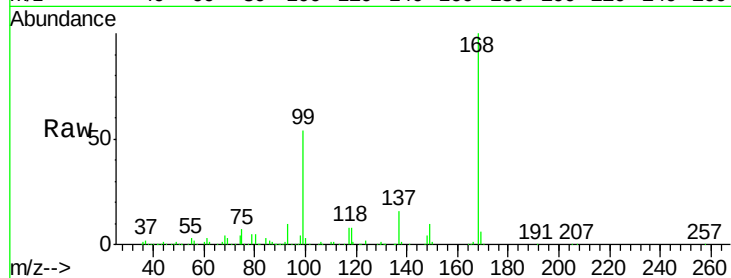
PL-02-022619-C

Tot Ion:168 Resp: 177759

Ion Ratio Lower Upper

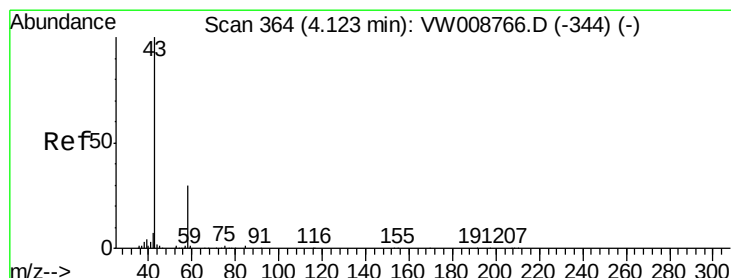
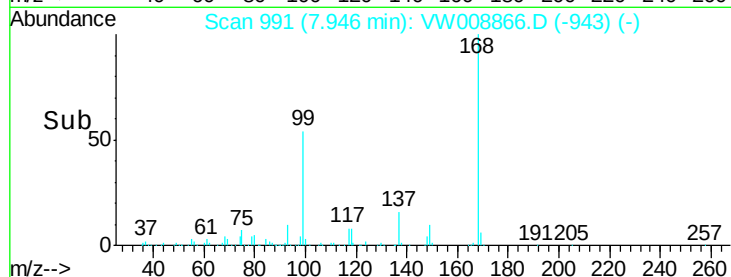
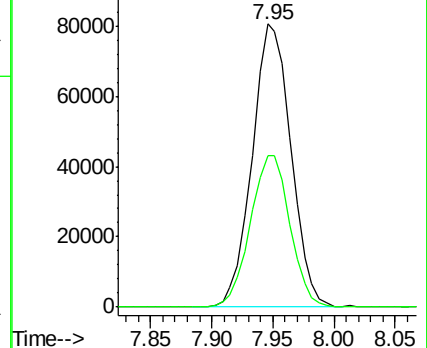
168 100

99 53.7 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: 47.362 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008866.D

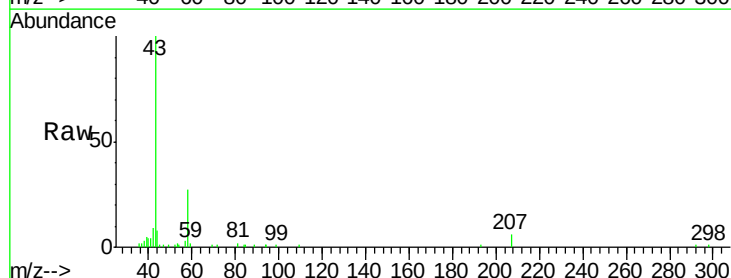
Acq: 27 Feb 2019 20:23

Tgt Ion: 43 Resp: 18303

Ion Ratio Lower Upper

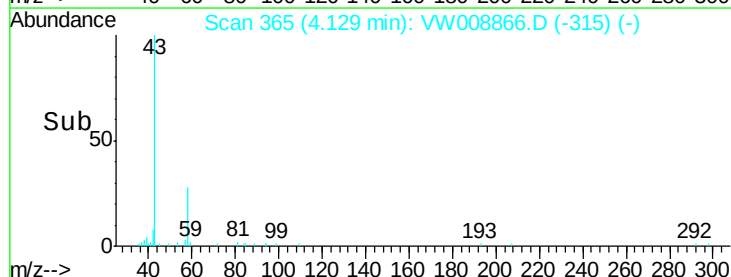
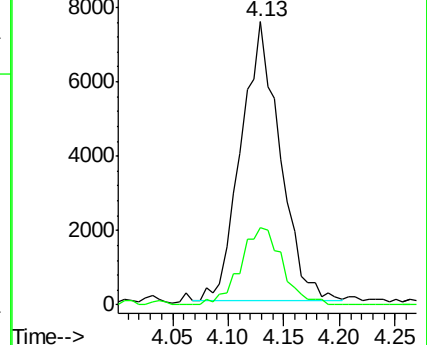
43 100

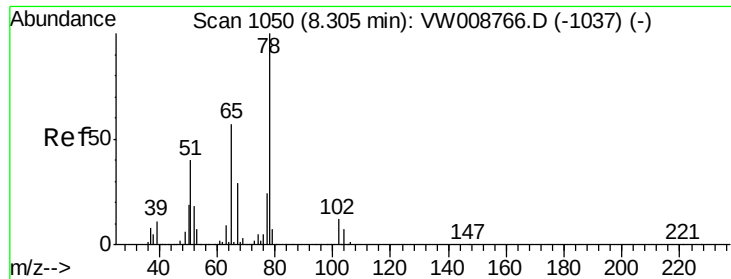
58 27.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

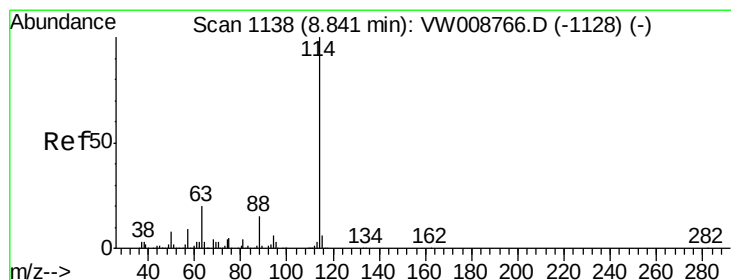
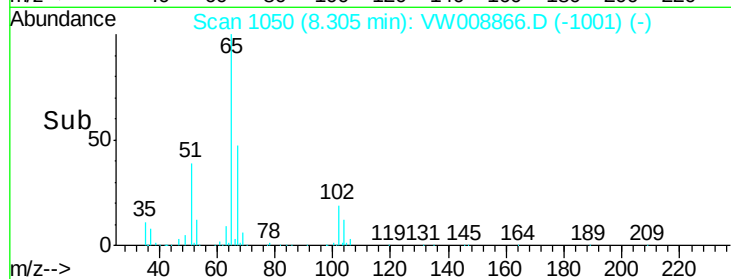
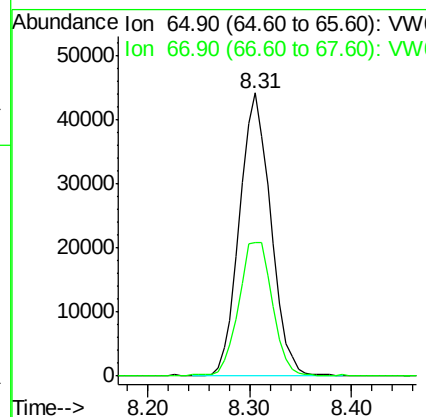
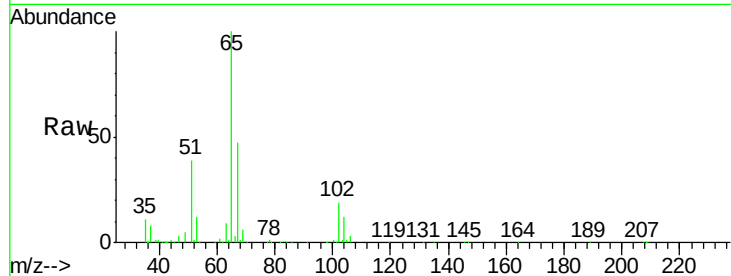




#33
 1,2-Dichloroethane-d4
 Concen: 56.414 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008866.D
 Acq: 27 Feb 2019 20:23

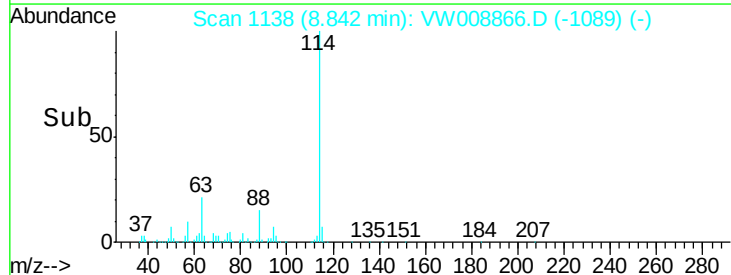
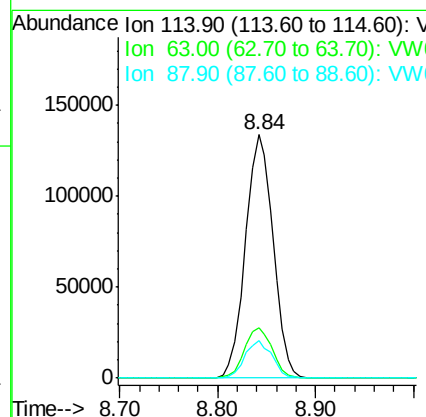
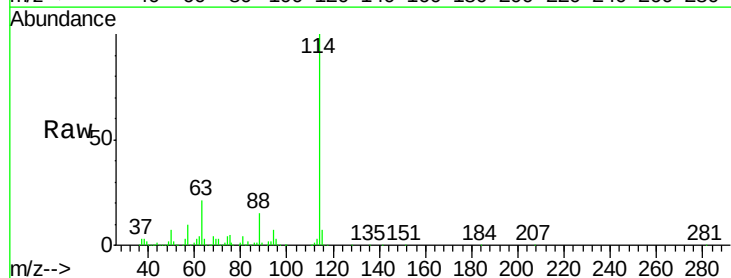
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 PL-02-022619-C

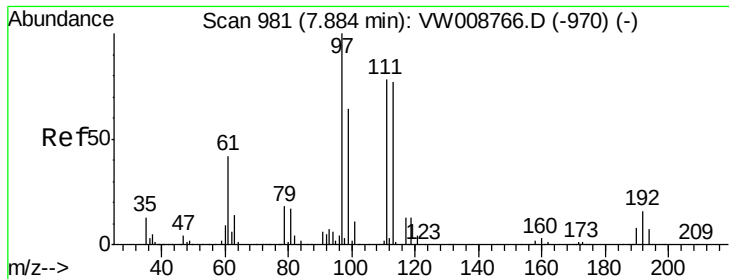
Tot Ion: 65 Resp: 94054
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008866.D
 Acq: 27 Feb 2019 20:23

Tgt Ion: 114 Resp: 262583
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.3 0.0 30.4

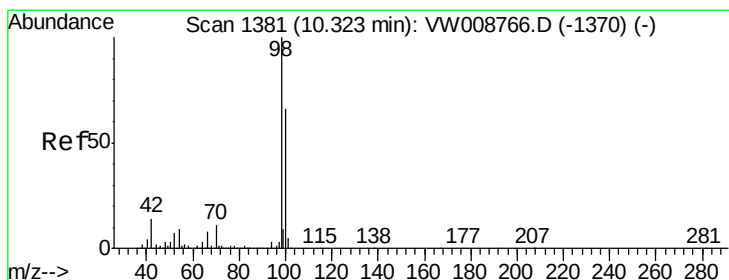
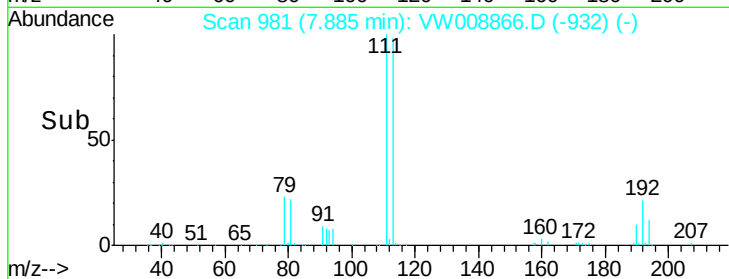
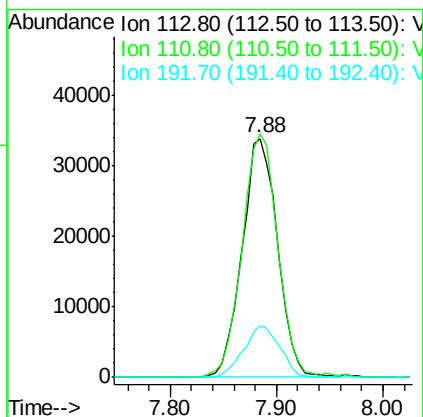
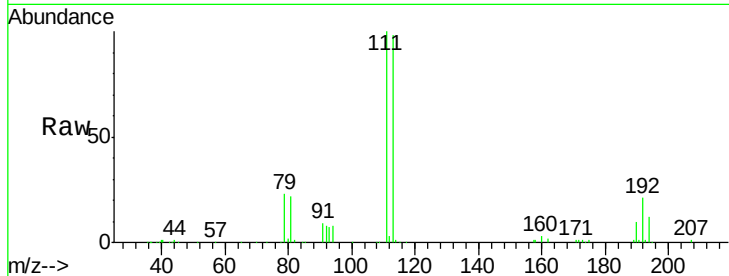




#35
 Dibromofluoromethane
 Concen: 50.350 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008866.D
 Acq: 27 Feb 2019 20:23

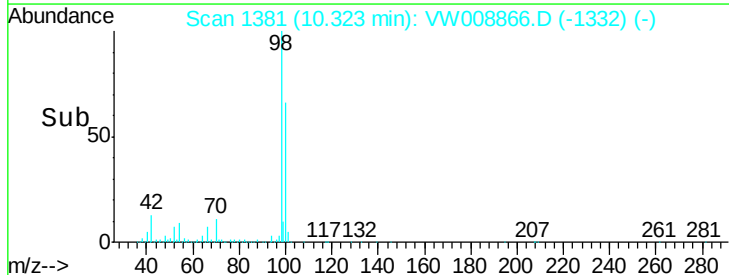
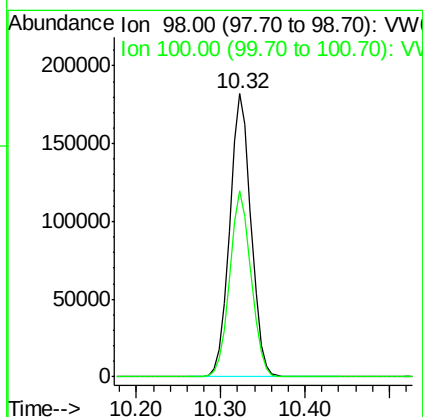
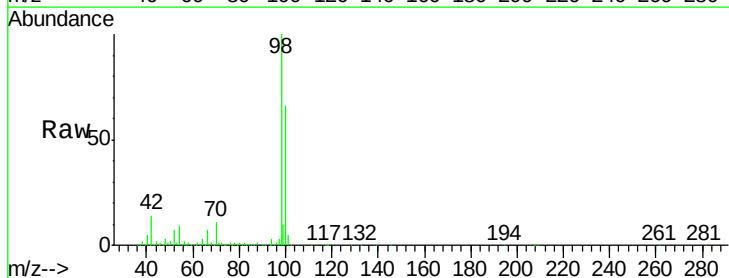
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-C

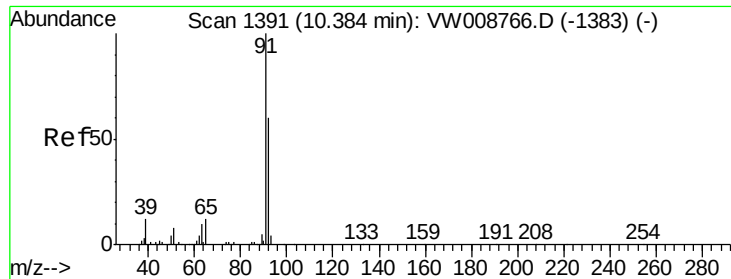
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	22.2	17.1	25.7



#50
 Toluene-d8
 Concen: 51.465 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008866.D
 Acq: 27 Feb 2019 20:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#52

Toluene

Concen: 75.796 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008866.D

Acq: 27 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

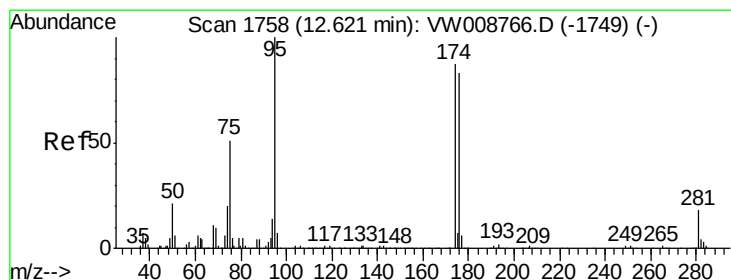
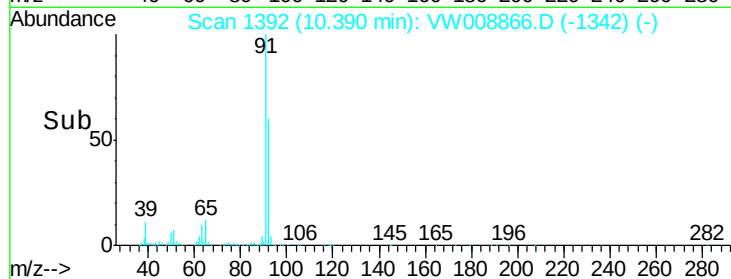
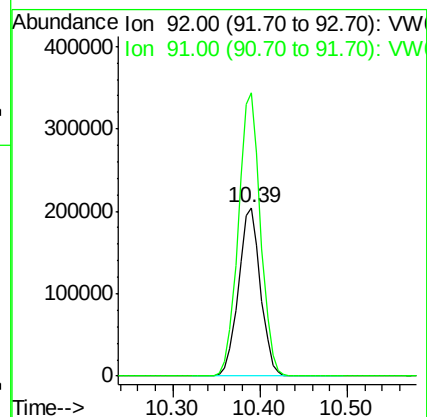
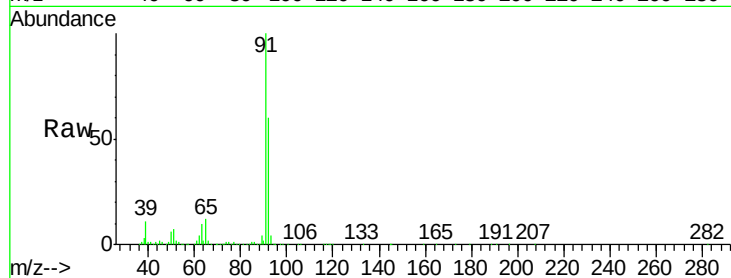
PL-02-022619-C

Tot Ion: 92 Resp: 358999

Ion Ratio Lower Upper

92 100

91 169.6 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 44.477 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008866.D

Acq: 27 Feb 2019 20:23

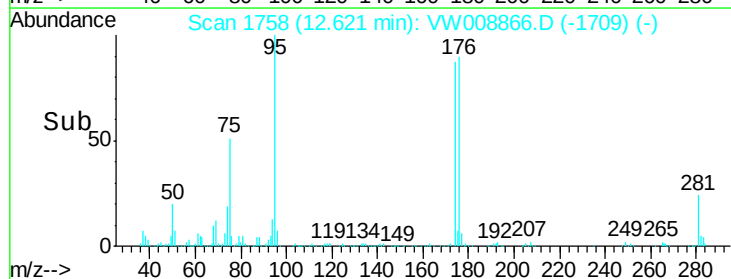
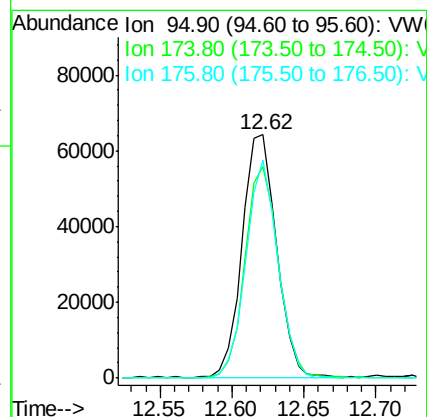
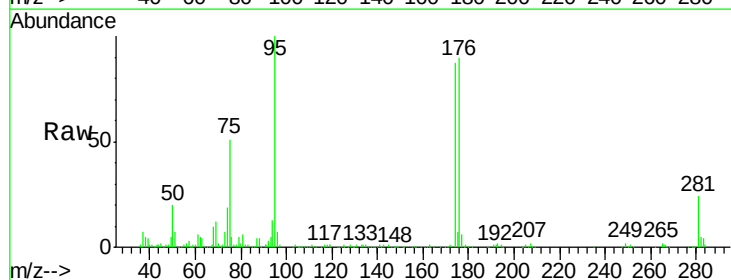
Tgt Ion: 95 Resp: 105986

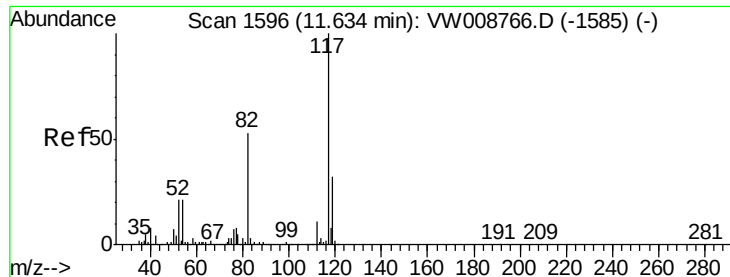
Ion Ratio Lower Upper

95 100

174 84.7 0.0 169.2

176 83.5 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: VW008866.D

Acq: 27 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

PL-02-022619-C

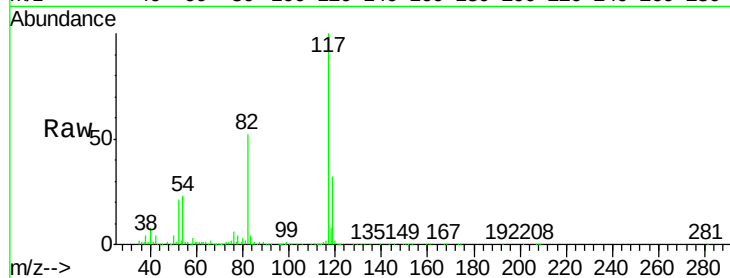
Tot Ion:117 Resp: 236696

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

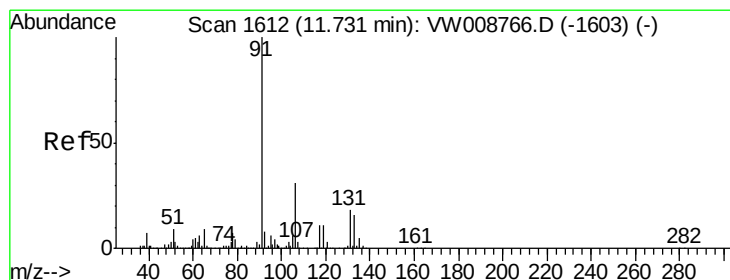
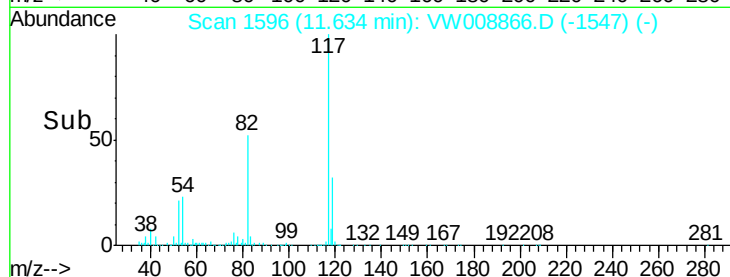
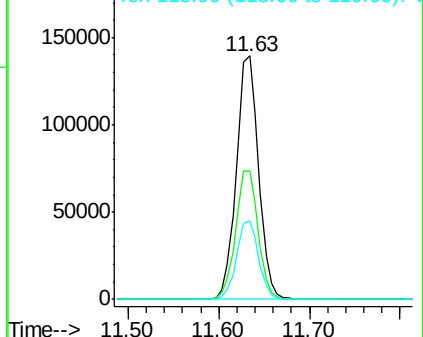
119 32.2 25.9 38.9



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: 1.582 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008866.D

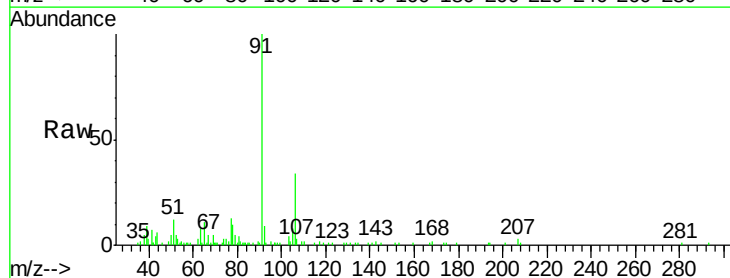
Acq: 27 Feb 2019 20:23

Tgt Ion: 91 Resp: 14077

Ion Ratio Lower Upper

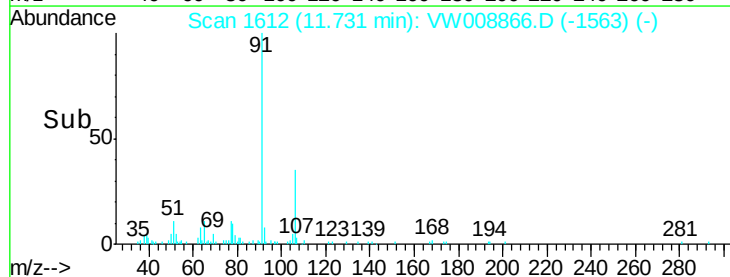
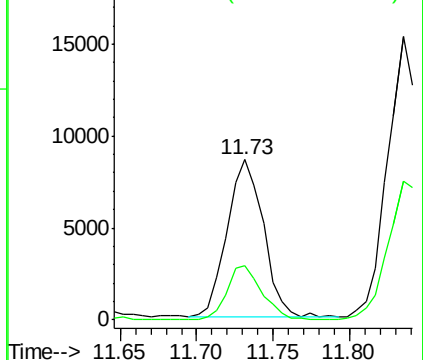
91 100

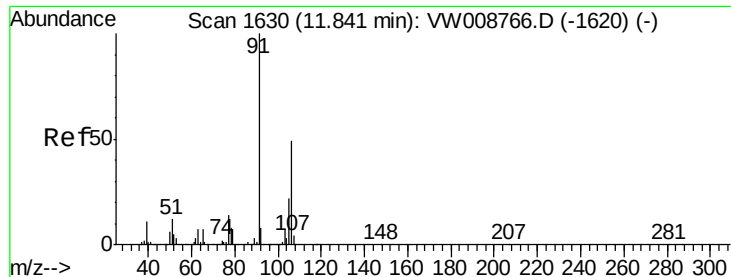
106 34.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

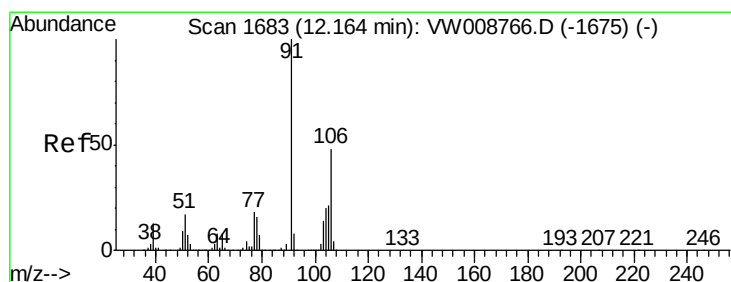
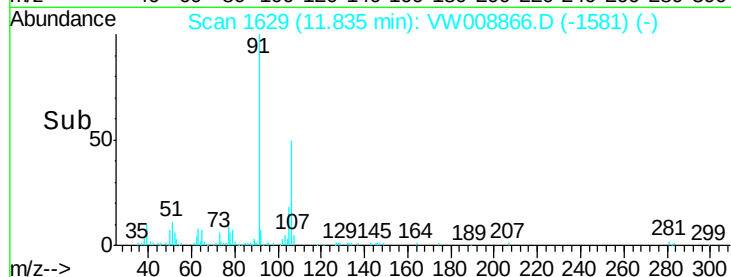
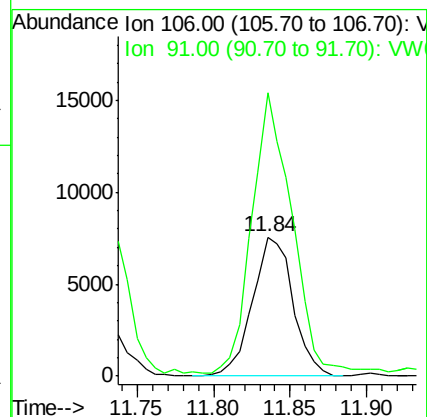
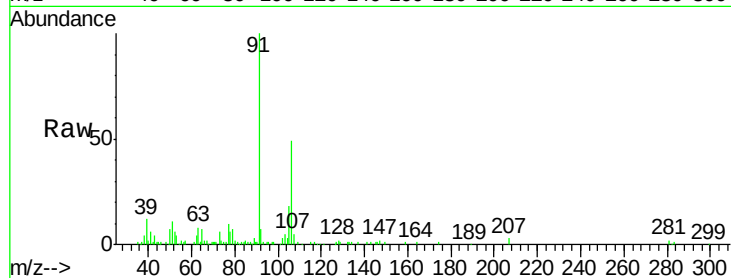




#68
m/p-Xylenes
Concen: 3.917 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008866.D
Acq: 27 Feb 2019 20:23

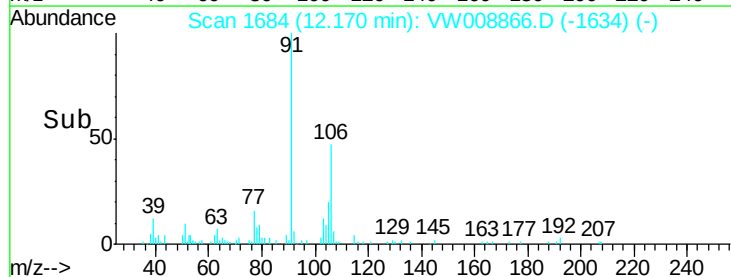
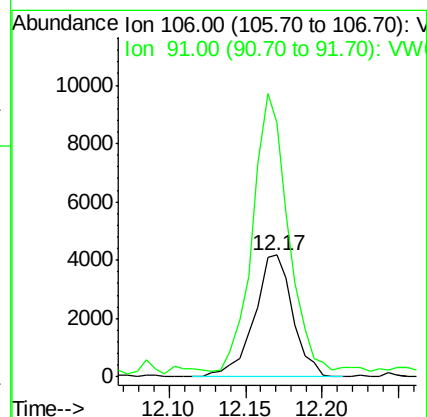
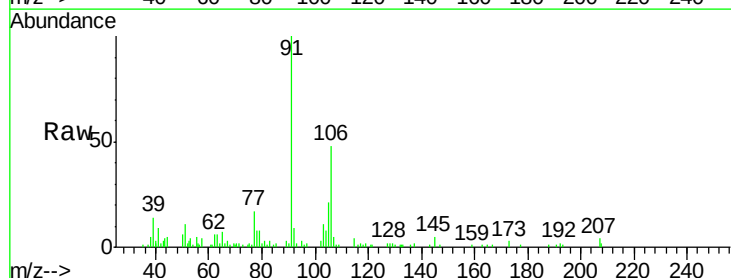
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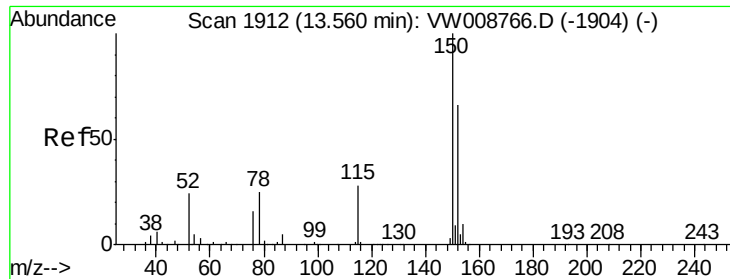
Tot Ion:106 Resp: 13924
Ion Ratio Lower Upper
106 100
91 198.9 161.5 242.3



#69
o-Xylene
Concen: 2.198 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008866.D
Acq: 27 Feb 2019 20:23

Tgt Ion:106 Resp: 7335
Ion Ratio Lower Upper
106 100
91 207.7 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008866.D

Acq: 27 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

PL-02-022619-C

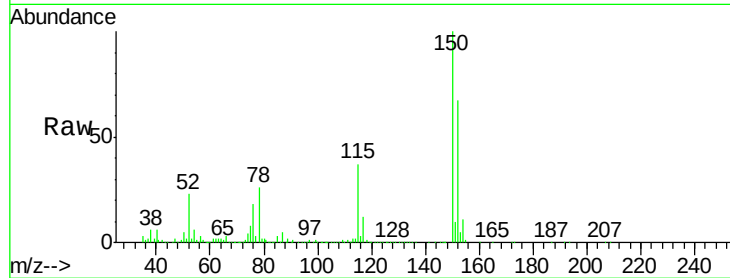
Tot Ion:152 Resp: 108308

Ion Ratio Lower Upper

152 100

115 56.9 28.6 85.8

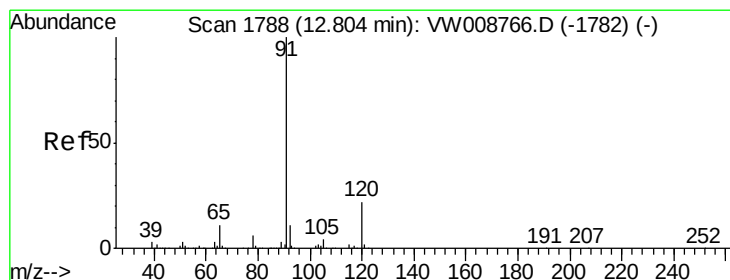
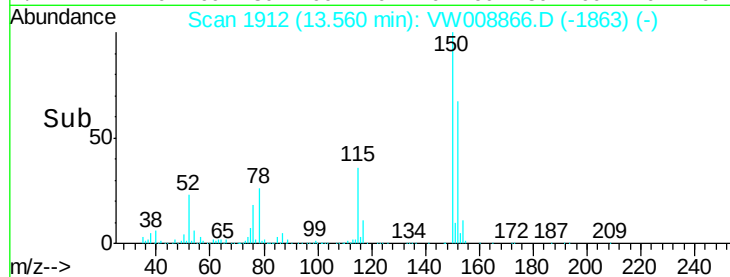
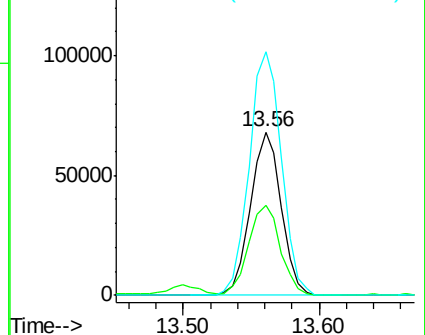
150 155.9 0.0 348.0



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: 1.501 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW008866.D

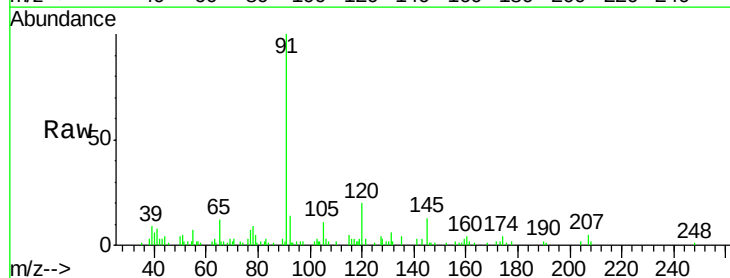
Acq: 27 Feb 2019 20:23

Tgt Ion: 91 Resp: 13634

Ion Ratio Lower Upper

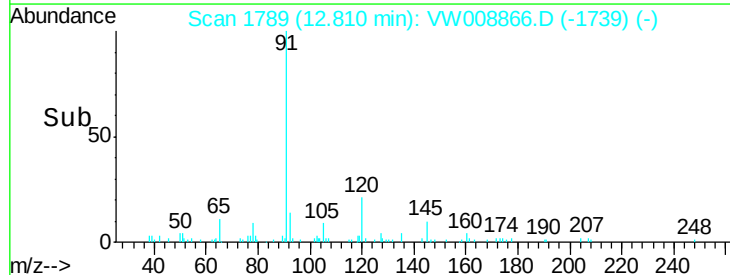
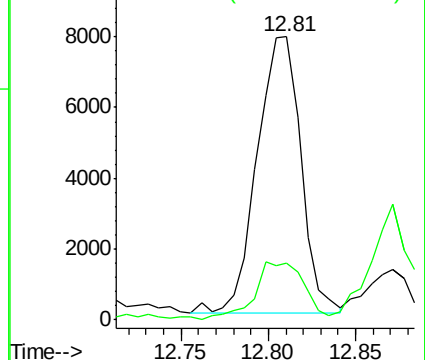
91 100

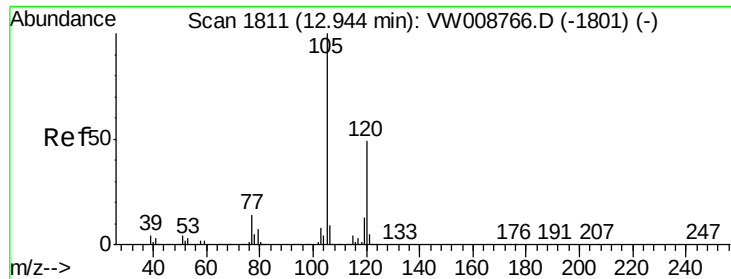
120 23.7 11.5 34.4



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: 2.226 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008866.D

Acq: 27 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

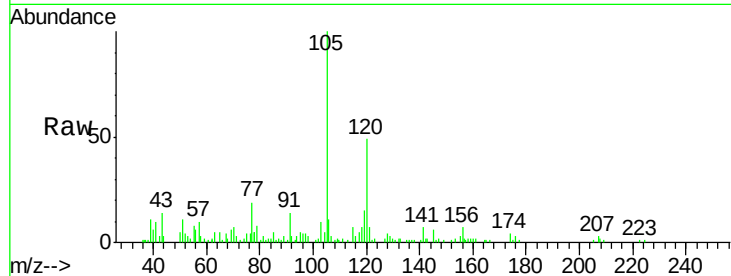
PL-02-022619-C

Tot Ion:105 Resp: 14360

Ion Ratio Lower Upper

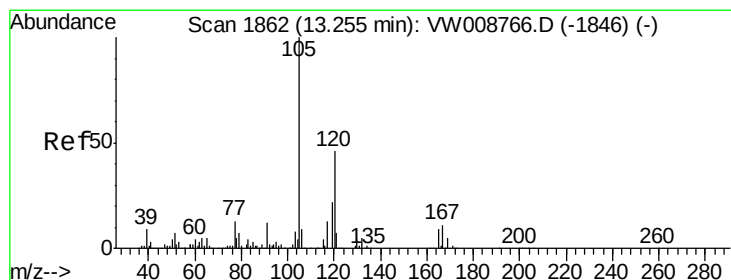
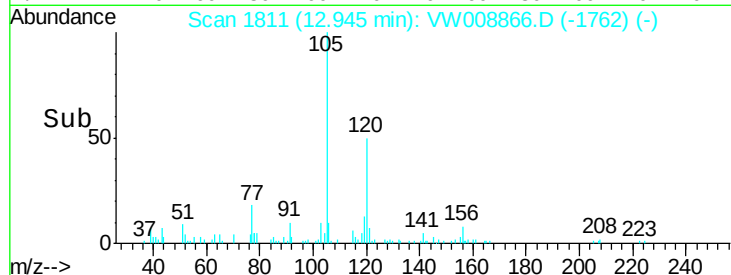
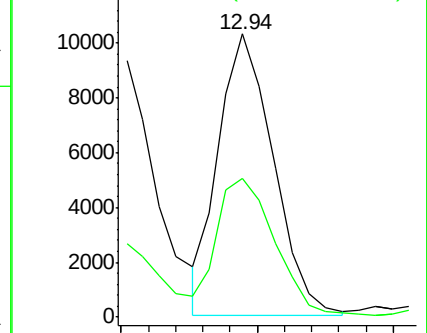
105 100

120 53.1 24.8 74.4



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: 4.154 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008866.D

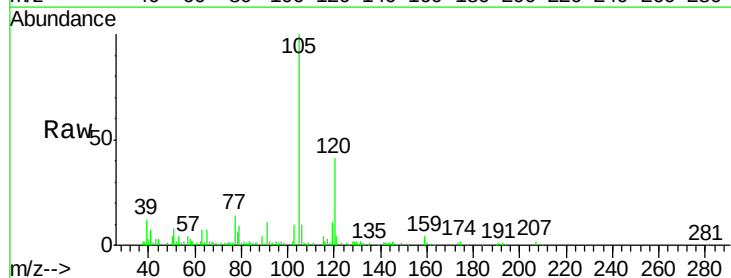
Acq: 27 Feb 2019 20:23

Tgt Ion:105 Resp: 27747

Ion Ratio Lower Upper

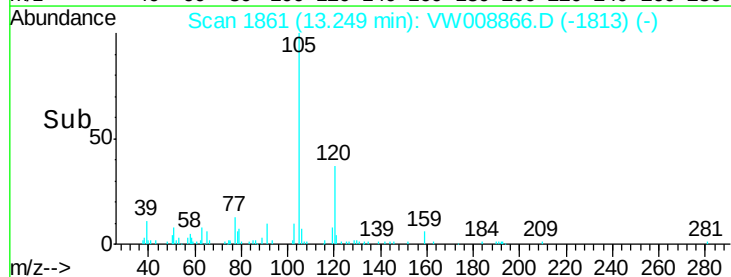
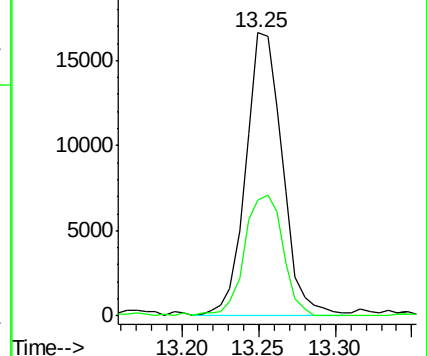
105 100

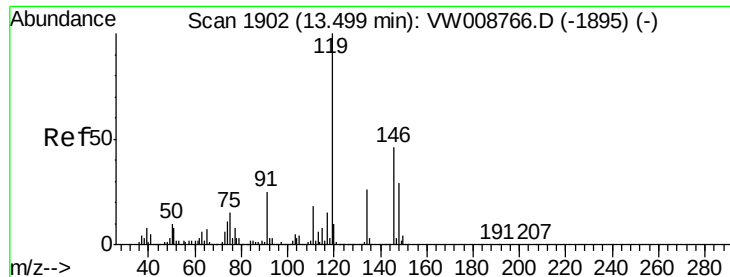
120 44.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

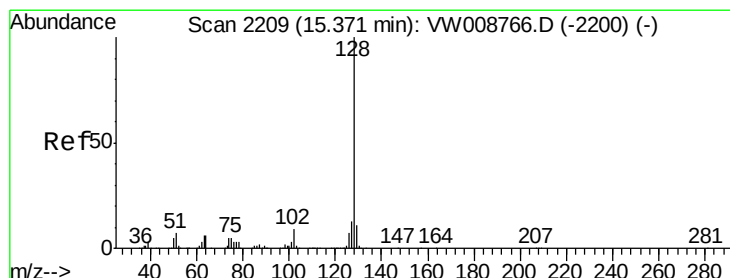
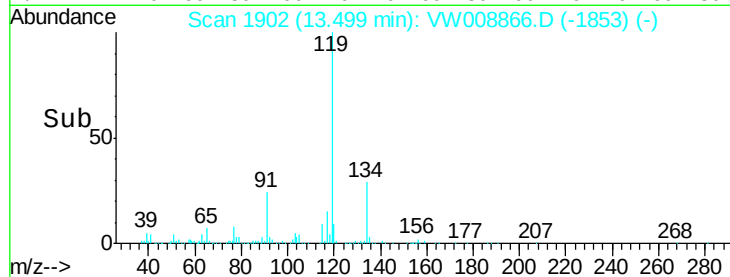
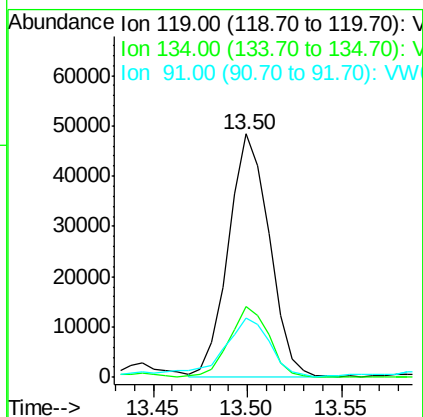
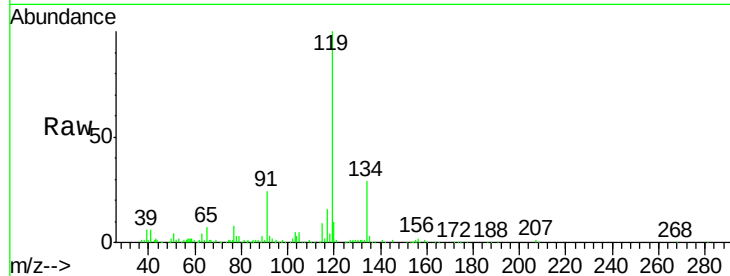




#86
p-Isopropyltoluene
Concen: 9.862 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW008866.D
Acq: 27 Feb 2019 20:23

Instrument :
MSVOA_W
ClientSampleId :
PL-02-022619-C

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.1	39.3
91	28.9	12.1	36.3



#95
Naphthalene
Concen: 3.028 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008866.D
Acq: 27 Feb 2019 20:23

Tgt Ion	Ratio	Lower	Upper
128	100		
127	20.0	10.8	16.2#
129	14.0	8.7	13.1#

