

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008864.D
 Acq On : 27 Feb 2019 19:29
 Operator : SY/VA
 Sample : K1353-01
 Misc : 8.16G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 28 07:51:09 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	340706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	519741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	434642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177315	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	181641	56.84	ug/l	0.00
Spiked Amount			Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	155100	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	10.32	98	615083	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.62	95	190486	40.39	ug/l	0.00
Spiked Amount			Recovery	=	80.78%	

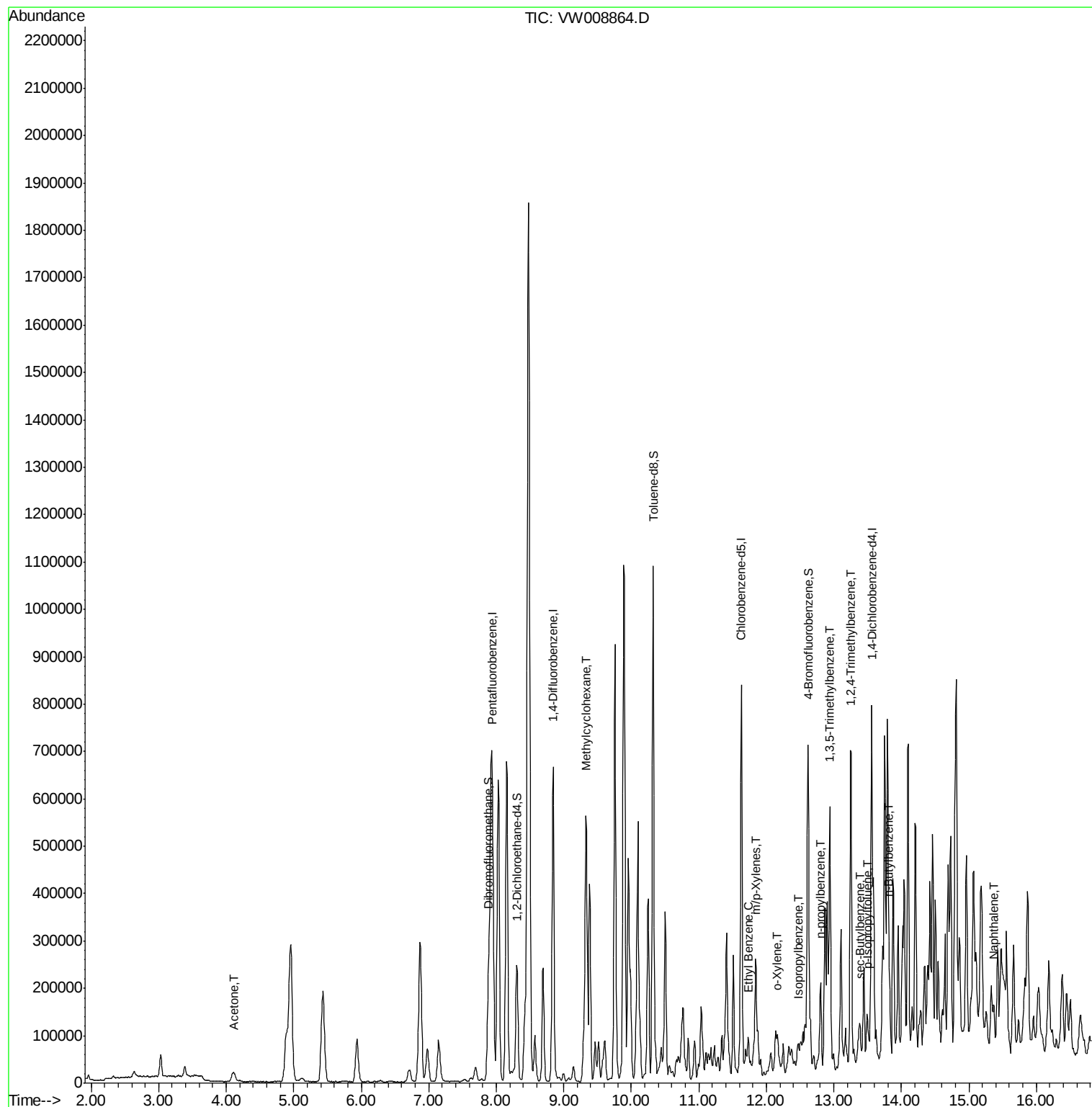
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	24712	33.363	ug/l	96
39) Methylcyclohexane	9.34	83	97411	15.436	ug/l #	82
67) Ethyl Benzene	11.73	91	29212	1.788	ug/l	98
68) m/p-Xylenes	11.84	106	16314	2.499	ug/l	96
69) o-Xylene	12.17	106	15555	2.539	ug/l	93
73) Isopropylbenzene	12.47	105	28598	2.353	ug/l	97
78) n-propylbenzene	12.80	91	132647	8.921	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211730	20.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	363676	33.258	ug/l	98
85) sec-Butylbenzene	13.39	105	46465	3.538	ug/l #	68
86) p-Isopropyltoluene	13.50	119	33490	2.782	ug/l	95
89) n-Butylbenzene	13.82	91	68827	6.102	ug/l #	66
95) Naphthalene	15.37	128	38756	5.949	ug/l #	93

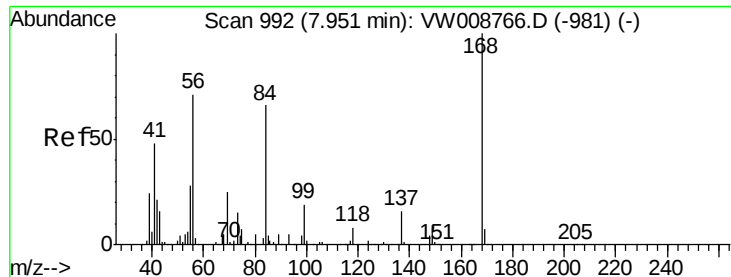
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
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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# 991

Delta R.T. -0.01 min

Lab File: VW008864.D

Acq: 27 Feb 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

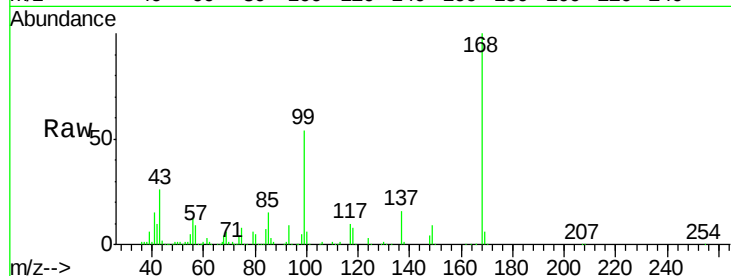
PL-02-022619-A

Tot Ion:168 Resp: 340706

Ion Ratio Lower Upper

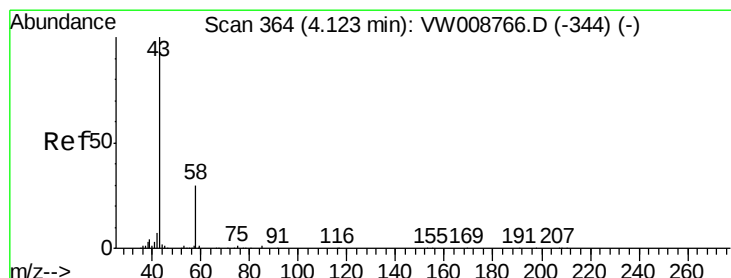
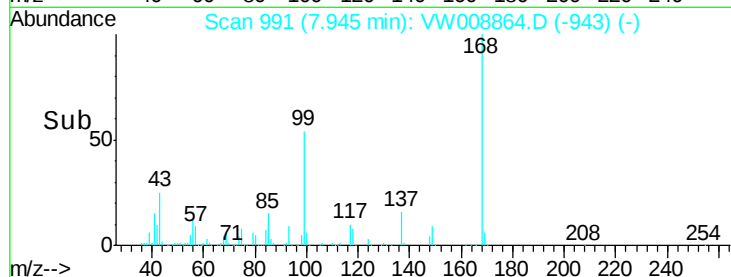
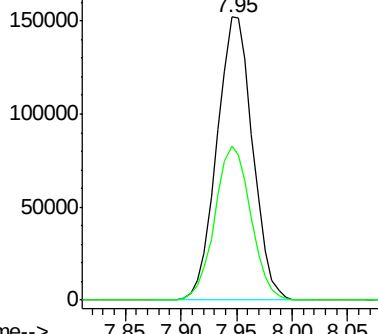
168 100

99 54.4 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: 33.363 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008864.D

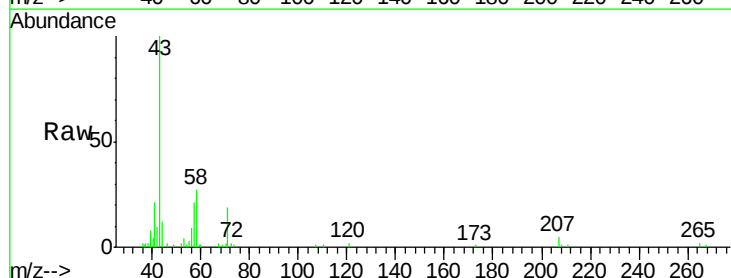
Acq: 27 Feb 2019 19:29

Tgt Ion: 43 Resp: 24712

Ion Ratio Lower Upper

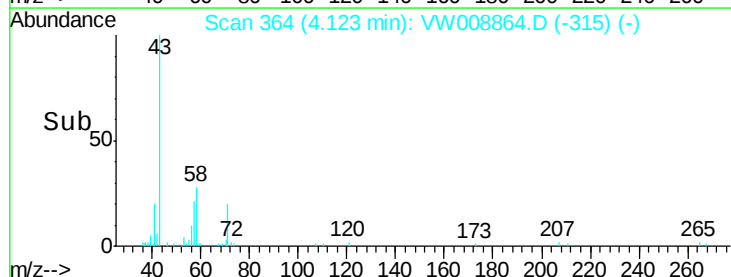
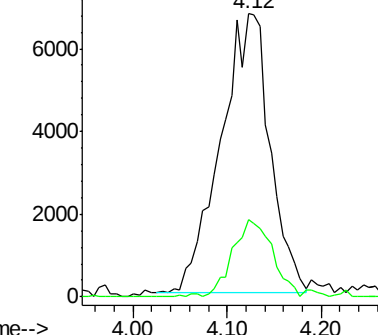
43 100

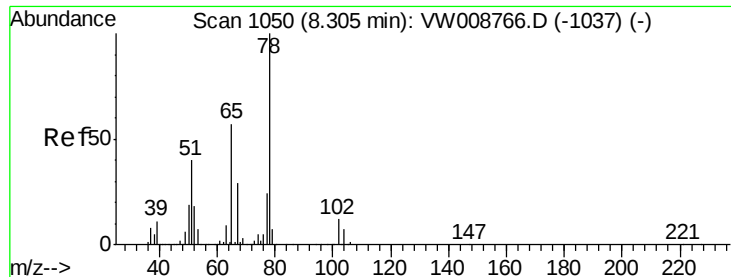
58 27.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

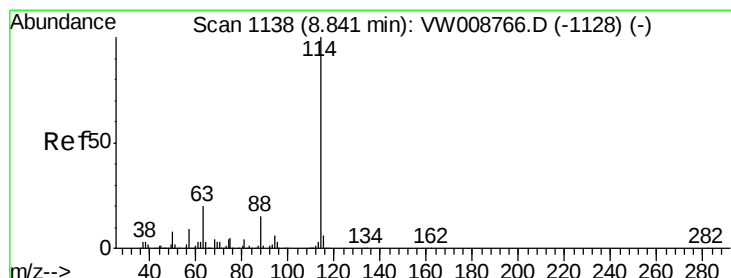
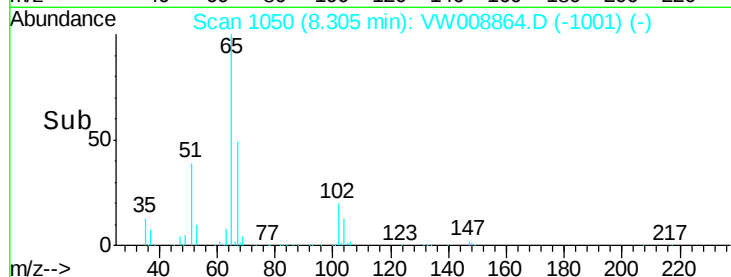
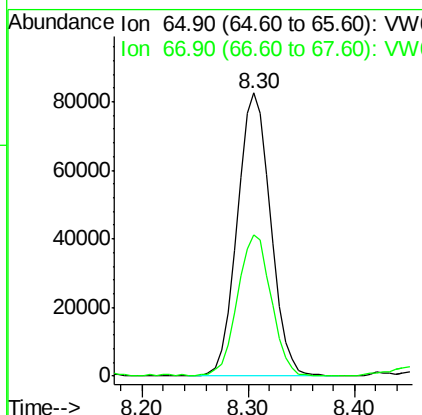
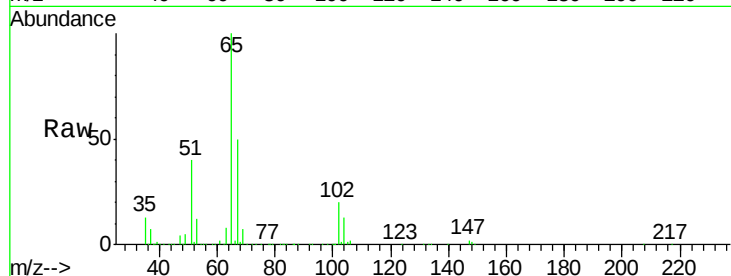




#33
 1,2-Dichloroethane-d4
 Concen: 56.842 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

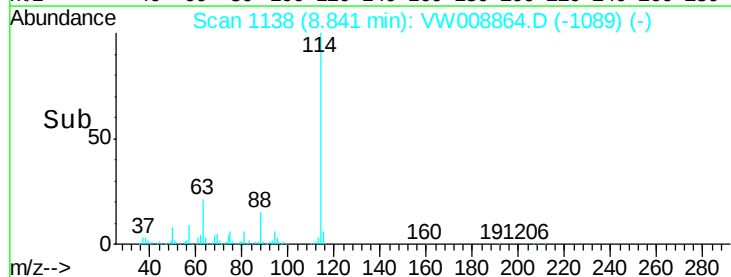
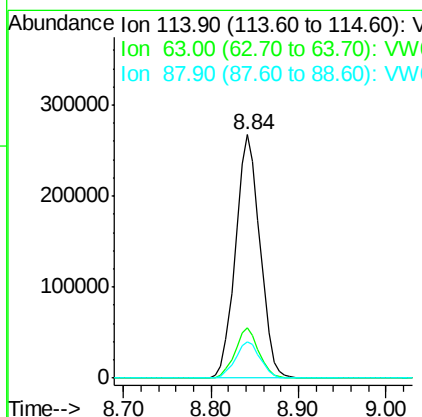
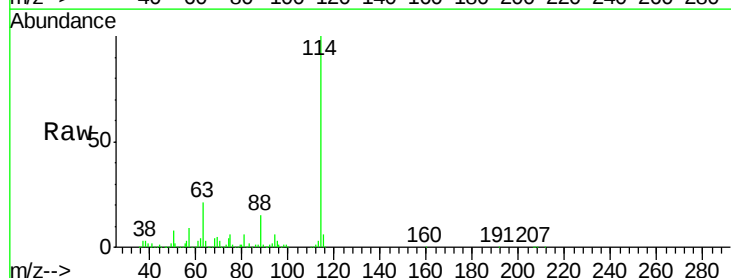
Instrument :
 MSVOA_W
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 PL-02-022619-A

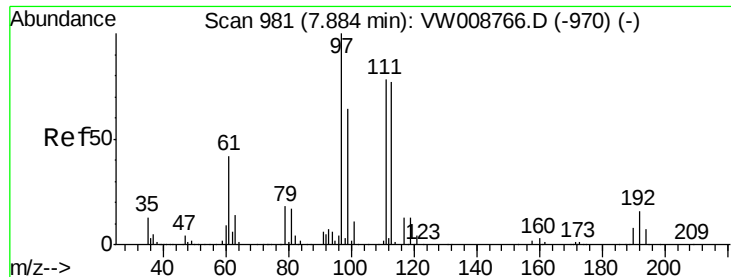
Tot Ion: 65 Resp: 181641
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

Tgt Ion: 114 Resp: 519741
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.1 0.0 30.4

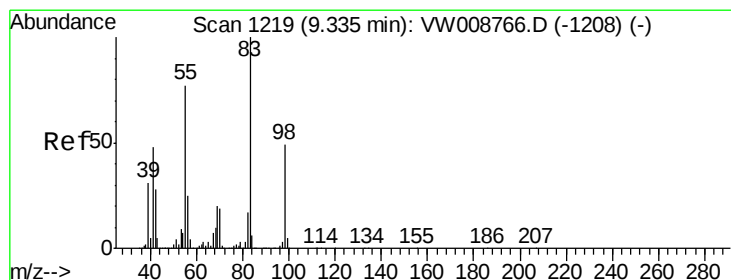
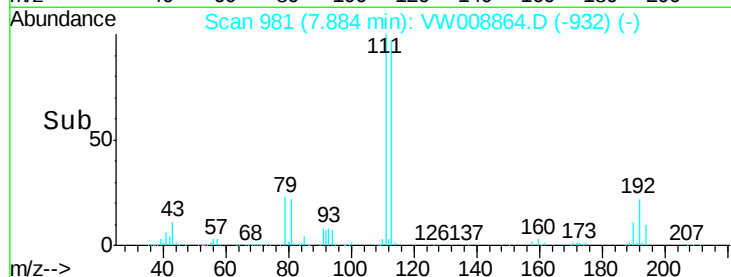
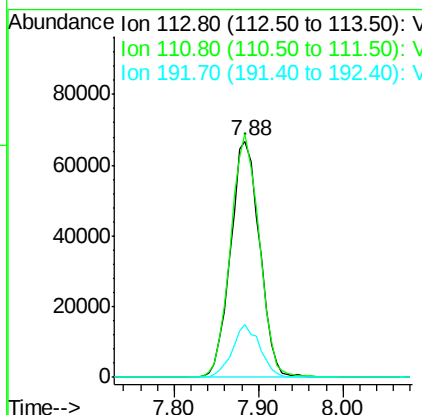
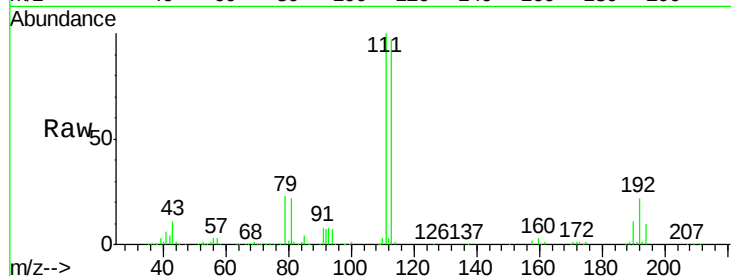




#35
 Dibromofluoromethane
 Concen: 49.702 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

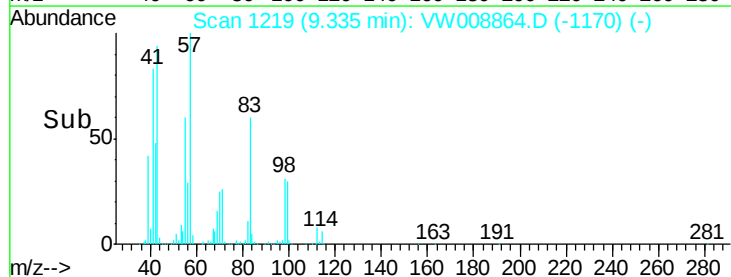
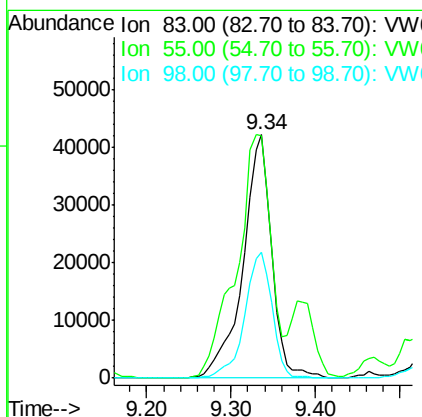
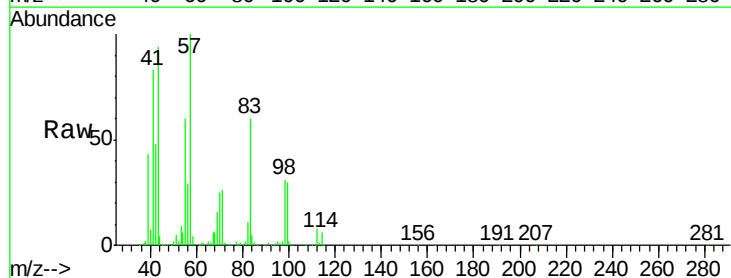
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-A

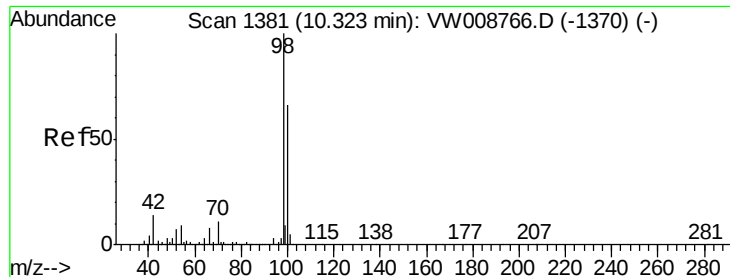
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.2	17.1	25.7



#39
 Methylcyclohexane
 Concen: 15.436 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	99.3	61.2	91.8#
98	51.8	39.4	59.2





#50

Toluene-d8

Concen: 51.060 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008864.D

Acq: 27 Feb 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

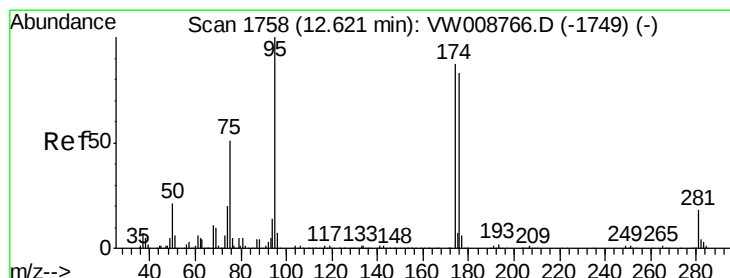
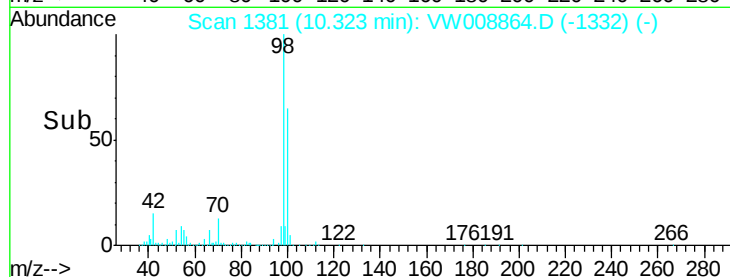
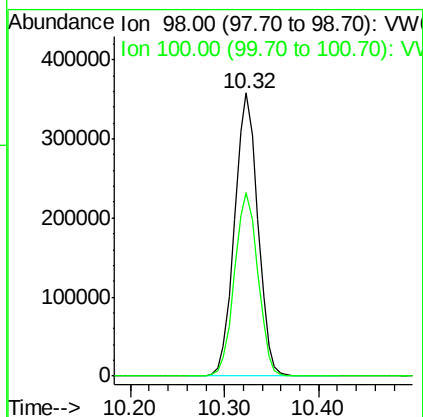
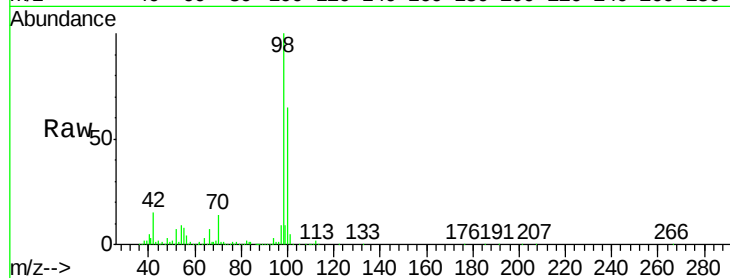
PL-02-022619-A

Tot Ion: 98 Resp: 615083

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 40.386 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008864.D

Acq: 27 Feb 2019 19:29

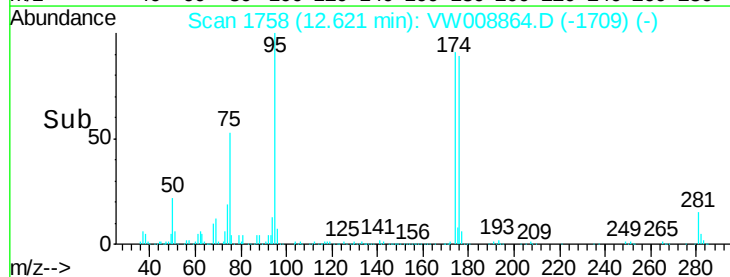
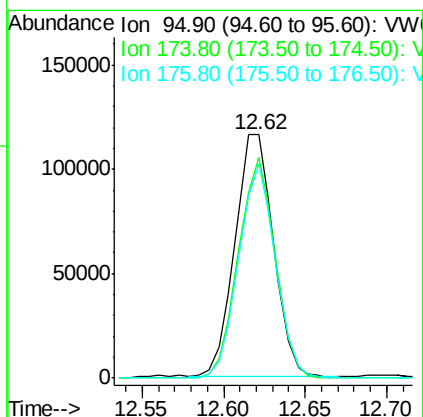
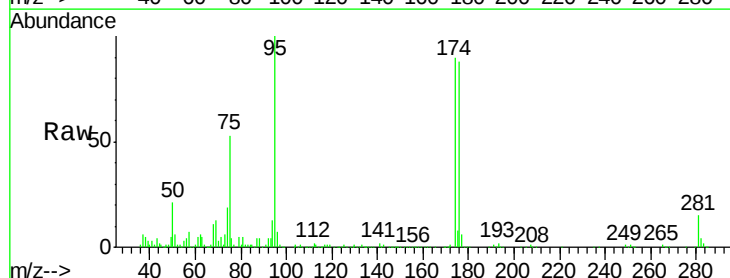
Tgt Ion: 95 Resp: 190486

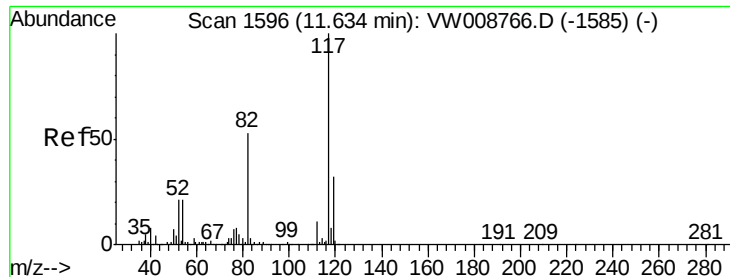
Ion Ratio Lower Upper

95 100

174 87.6 0.0 169.2

176 84.5 0.0 163.6

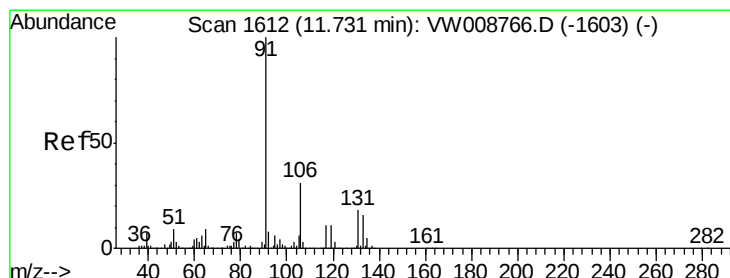
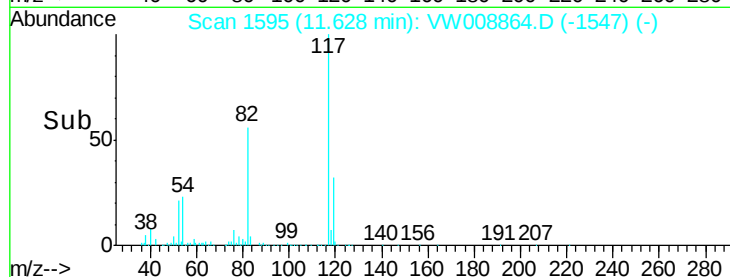
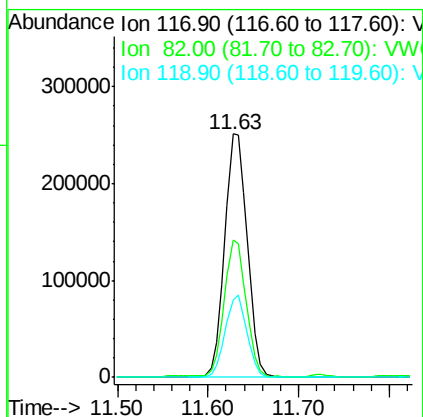
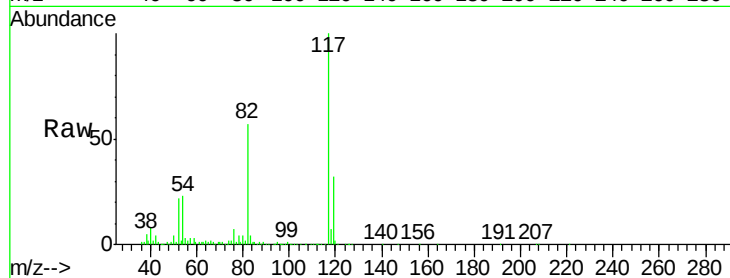




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

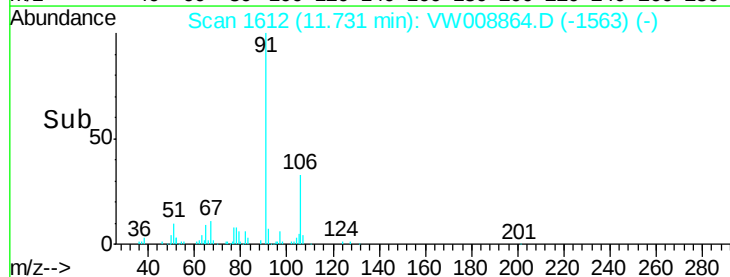
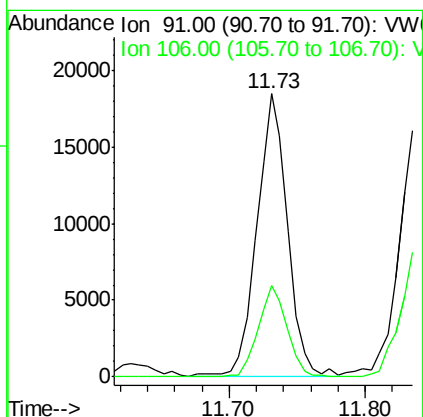
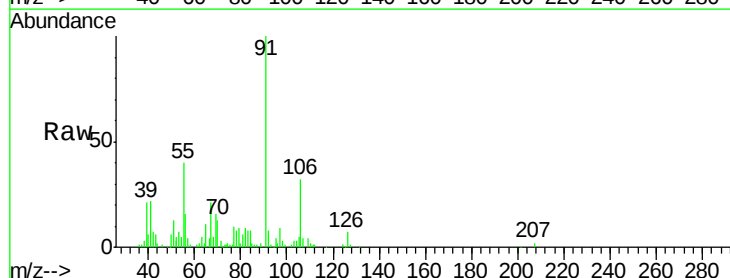
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PL-02-022619-A

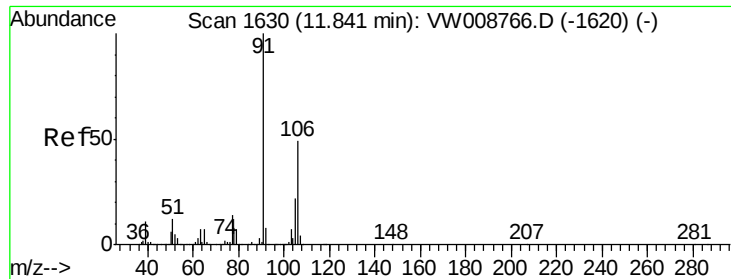
Tot Ion:117 Resp: 434642
Ion Ratio Lower Upper
117 100
82 56.3 42.2 63.4
119 31.9 25.9 38.9



#67
Ethyl Benzene
Concen: 1.788 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

Tgt Ion: 91 Resp: 29212
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6

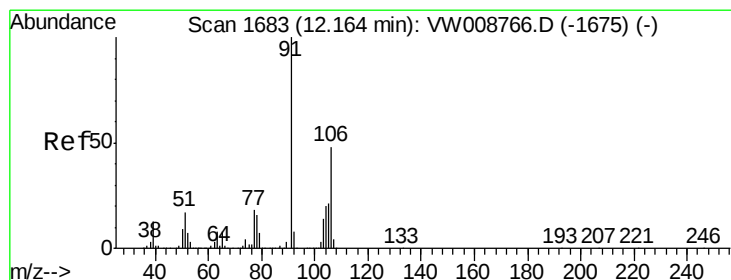
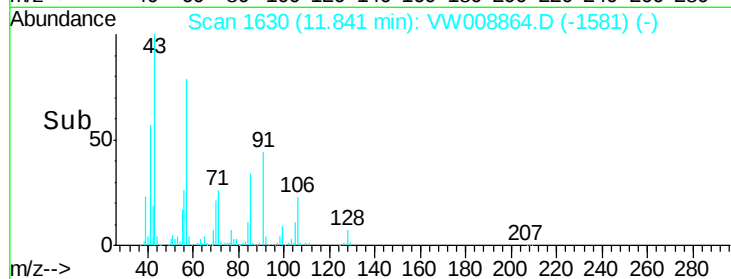
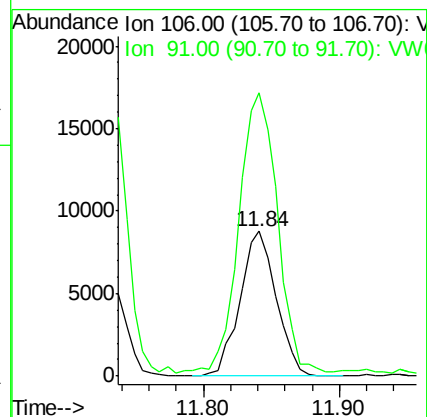
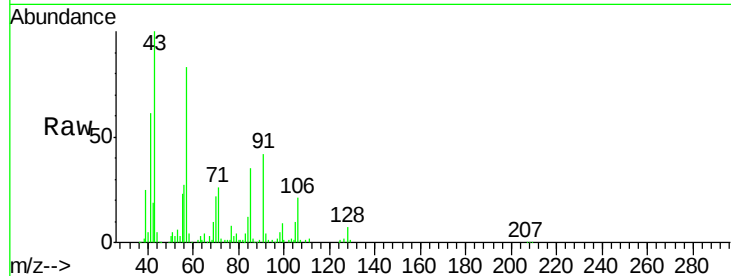




#68
m/p-Xylenes
Concen: 2.499 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

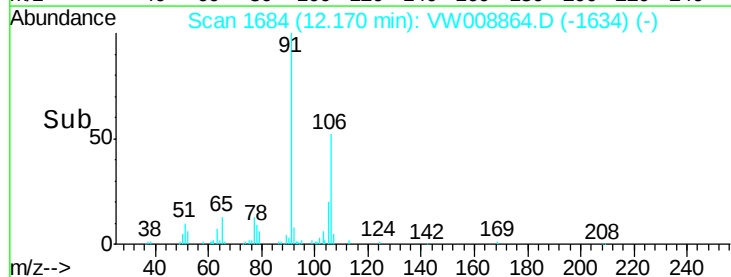
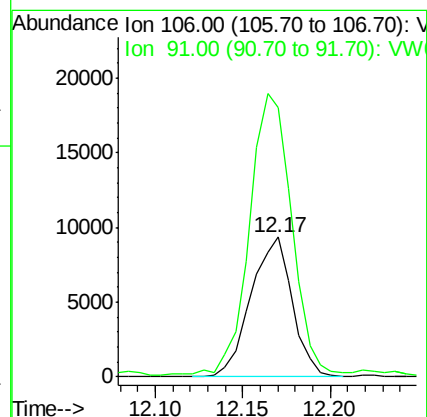
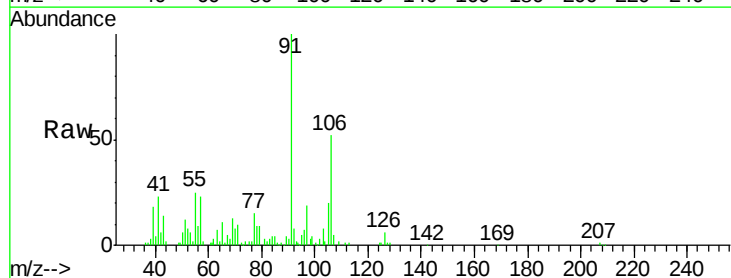
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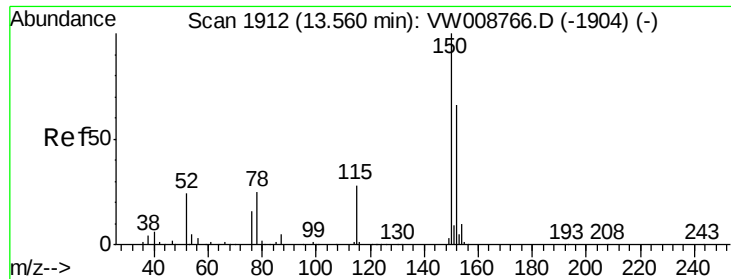
Tot Ion:106 Resp: 16314
Ion Ratio Lower Upper
106 100
91 207.3 161.5 242.3



#69
o-Xylene
Concen: 2.539 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

Tgt Ion:106 Resp: 15555
Ion Ratio Lower Upper
106 100
91 202.0 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008864.D

Acq: 27 Feb 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

PL-02-022619-A

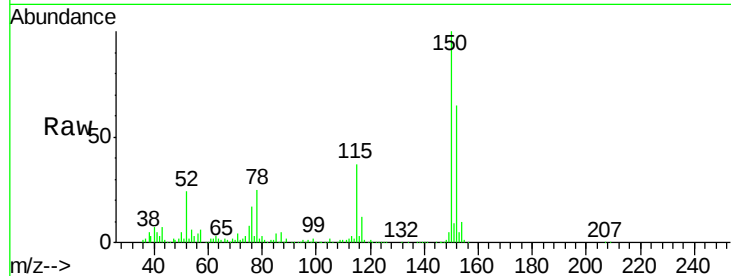
Tot Ion:152 Resp: 177315

Ion Ratio Lower Upper

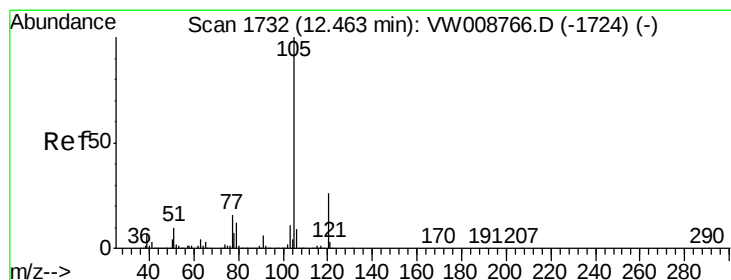
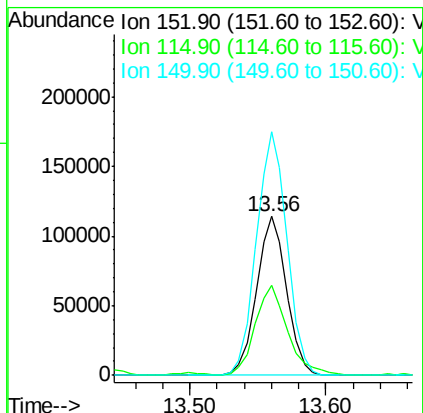
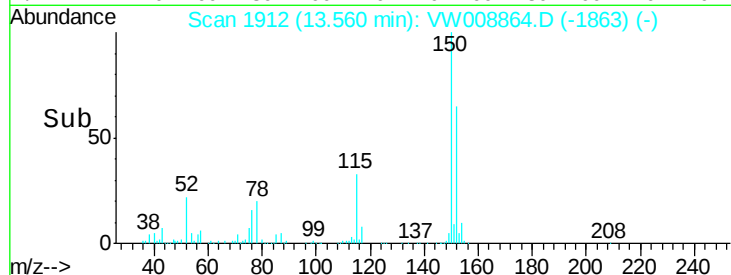
152 100

115 61.4 28.6 85.8

150 155.6 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



#73

Isopropylbenzene

Concen: 2.353 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008864.D

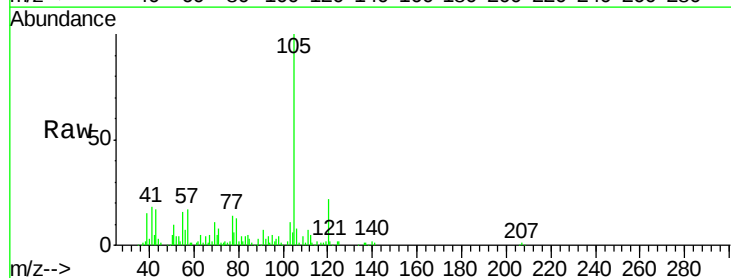
Acq: 27 Feb 2019 19:29

Tgt Ion:105 Resp: 28598

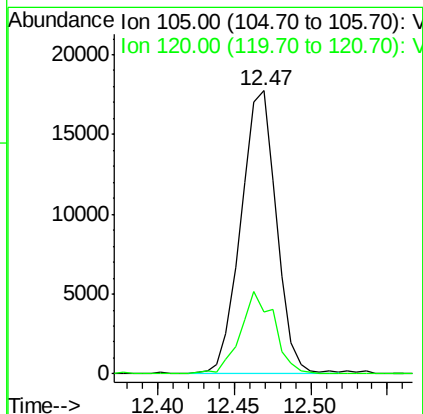
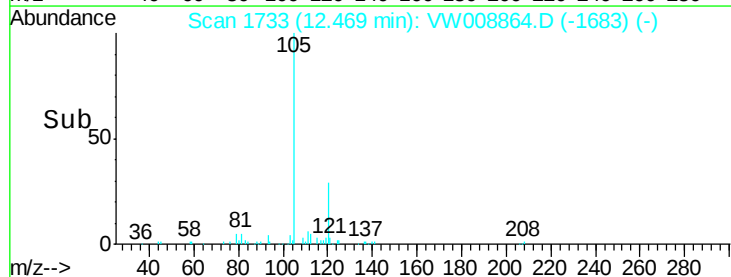
Ion Ratio Lower Upper

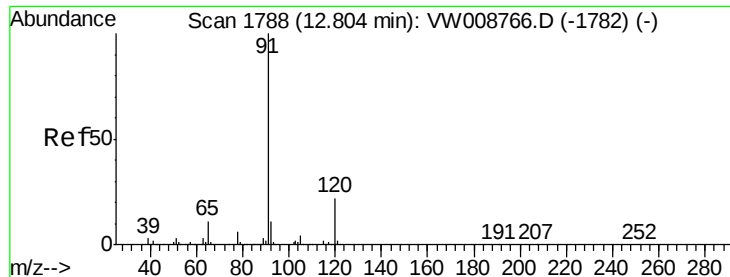
105 100

120 28.1 13.3 39.9



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

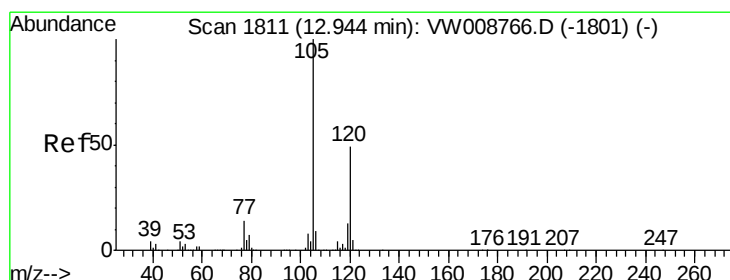
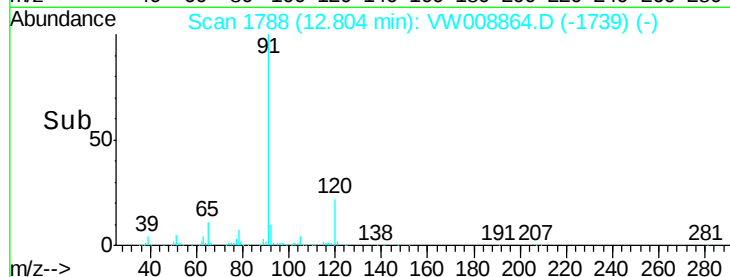
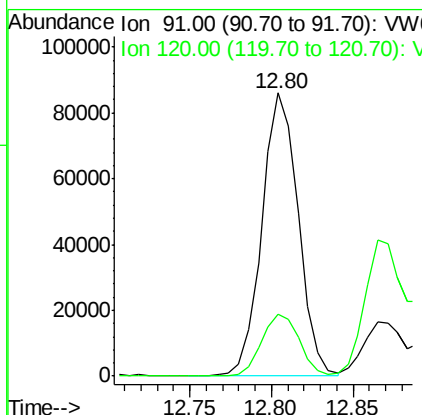
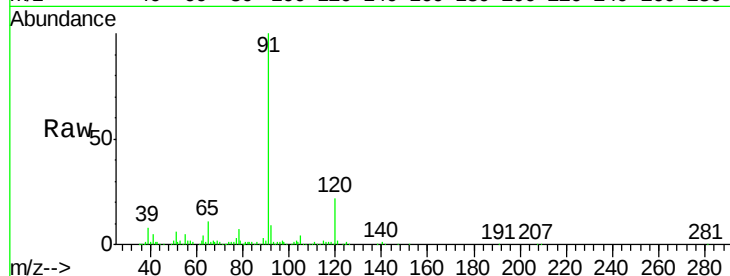




#78
n-propylbenzene
Concen: 8.921 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

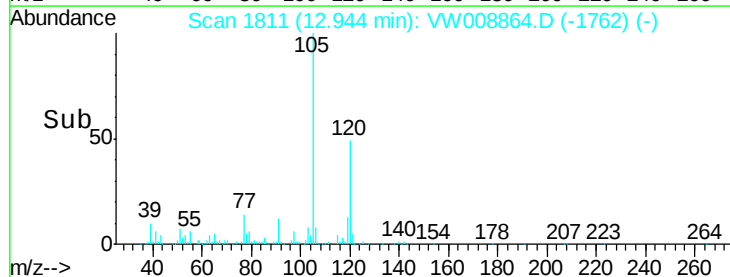
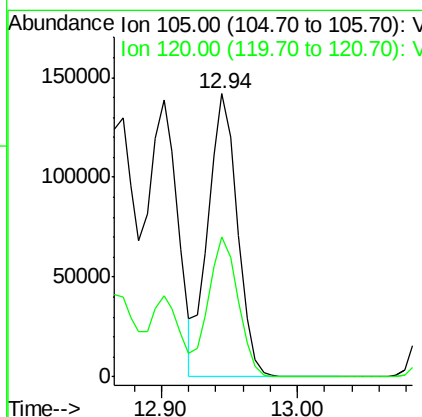
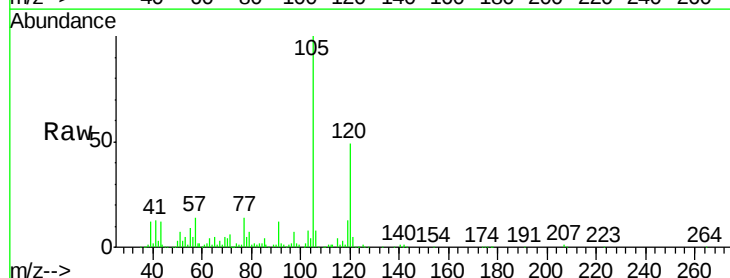
Instrument :
MSVOA_W
ClientSampleId :
PL-02-022619-A

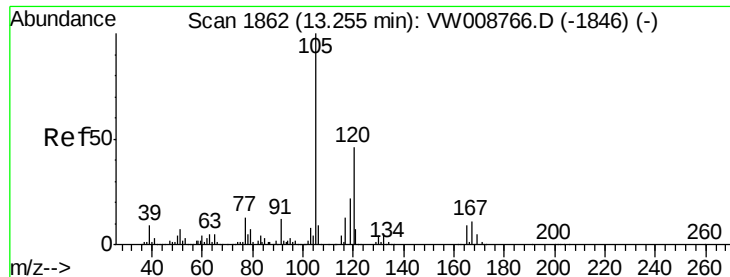
Tot Ion: 91 Resp: 132647
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 20.044 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

Tgt Ion: 105 Resp: 211730
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4

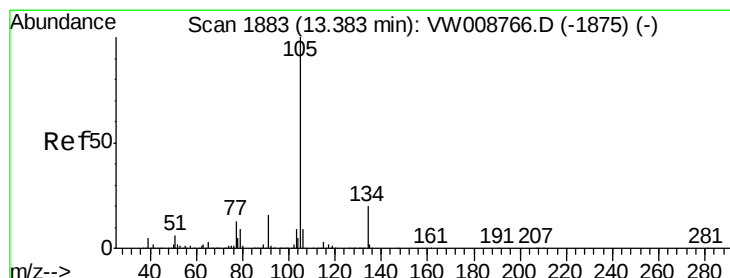
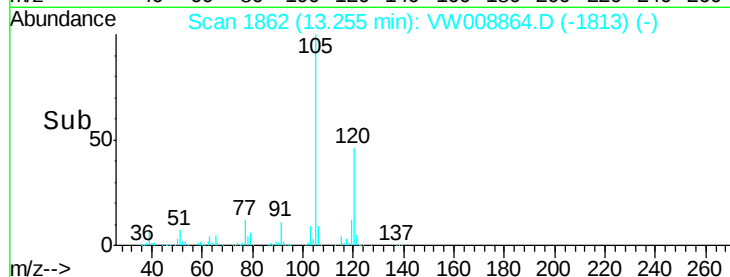
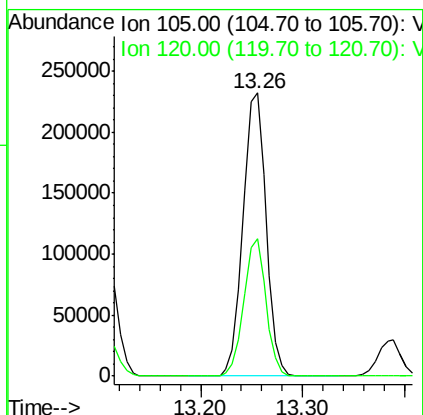
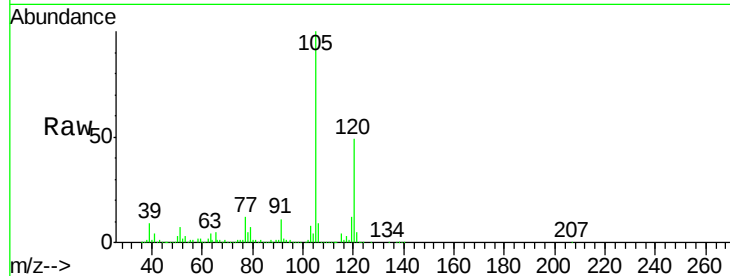




#84
 1,2,4-Trimethylbenzene
 Concen: 33.258 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

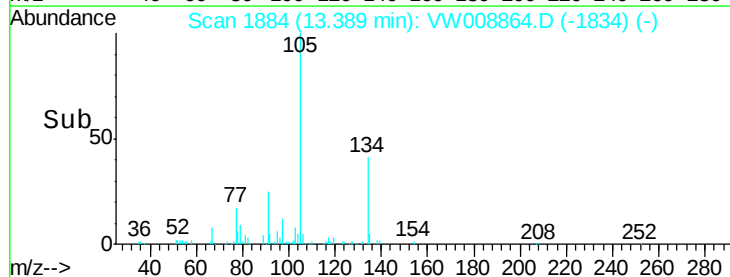
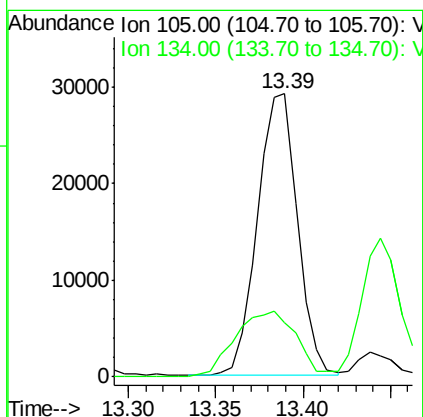
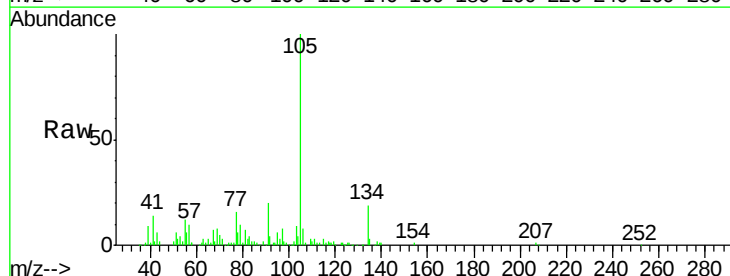
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-A

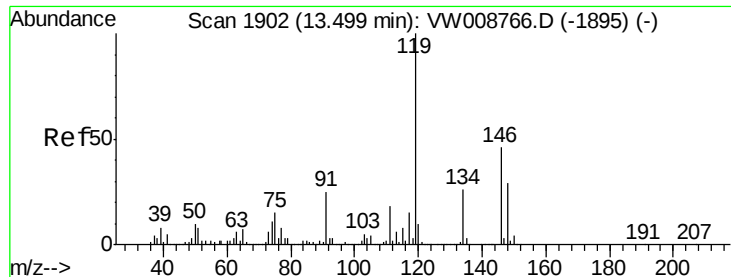
Tot Ion:105 Resp: 363676
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 3.538 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008864.D
 Acq: 27 Feb 2019 19:29

Tgt Ion:105 Resp: 46465
 Ion Ratio Lower Upper
 105 100
 134 35.6 10.4 31.1#

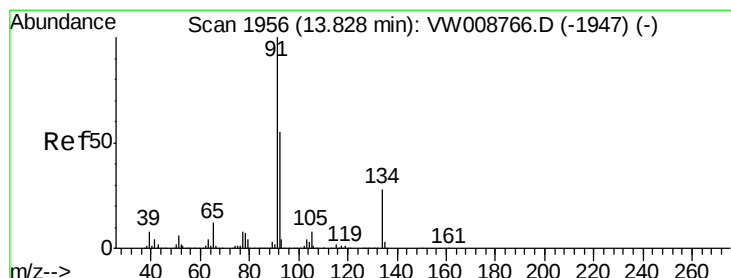
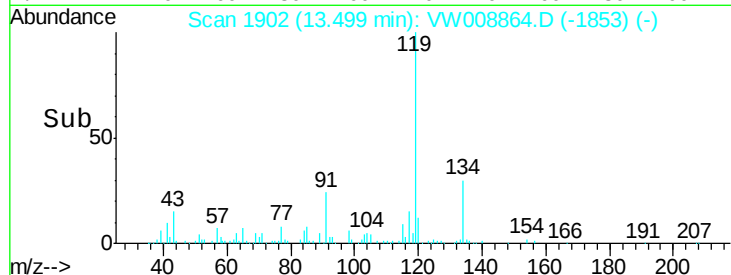
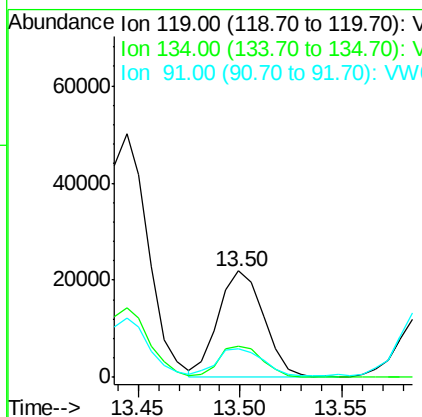
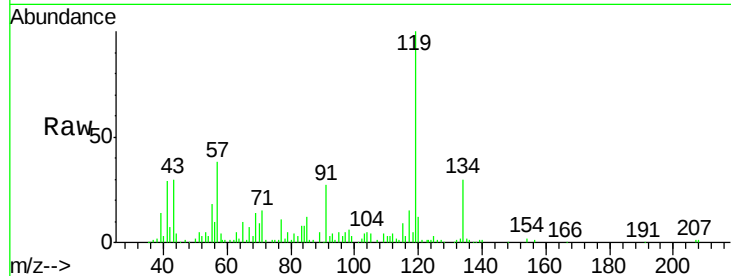




#86
p-Isopropyltoluene
Concen: 2.782 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

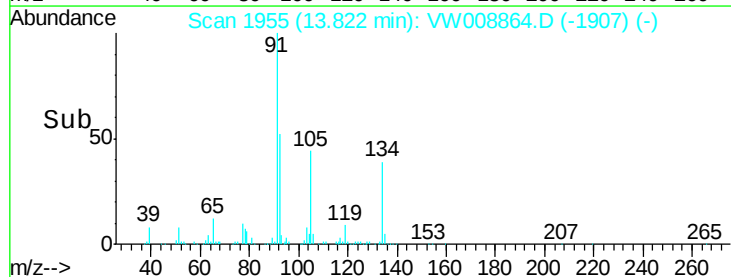
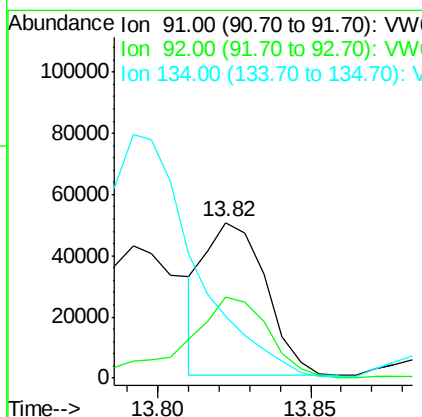
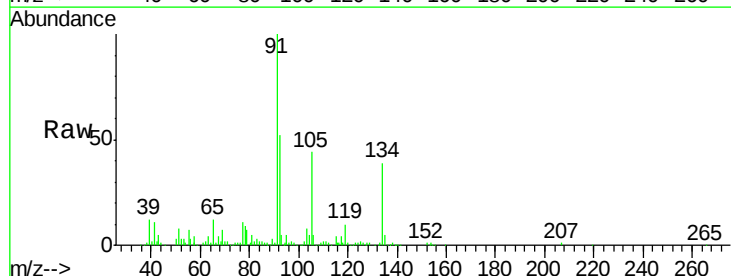
Instrument :
MSVOA_W
ClientSampled :
PL-02-022619-A

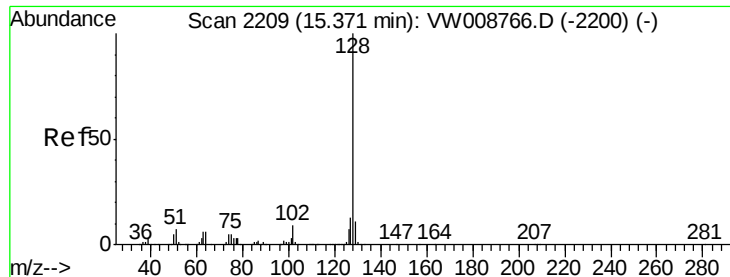
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.1	39.3
91	26.4	12.1	36.3



#89
n-Butylbenzene
Concen: 6.102 ug/l
RT: 13.82 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	71.3	26.8	80.4
134	0.0	13.5	40.4

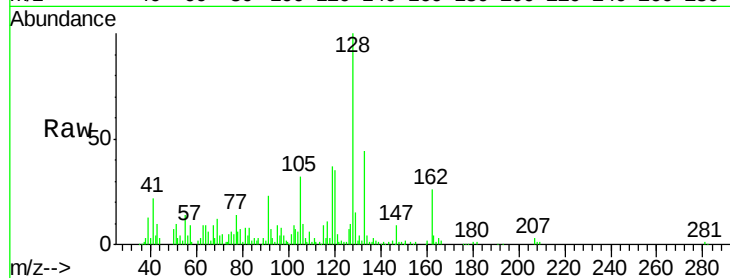




#95
Naphthalene
Concen: 5.949 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008864.D
Acq: 27 Feb 2019 19:29

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

Tot Ion:128 Resp: 38756
Ion Ratio Lower Upper
128 100
127 10.5 10.8 16.2#
129 8.5 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

