

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008136.D
 Acq On : 10 Jan 2019 07:38
 Operator : SY/AP
 Sample : K1006-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-B

Quant Time: Jan 10 11:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	58324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44034	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	39333	60.00	ug/l	0.00
Spiked Amount			Recovery	=	120.00%	
35) Dibromofluoromethane	7.88	113	35228	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
50) Toluene-d8	10.32	98	143892	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.62	95	47906	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	

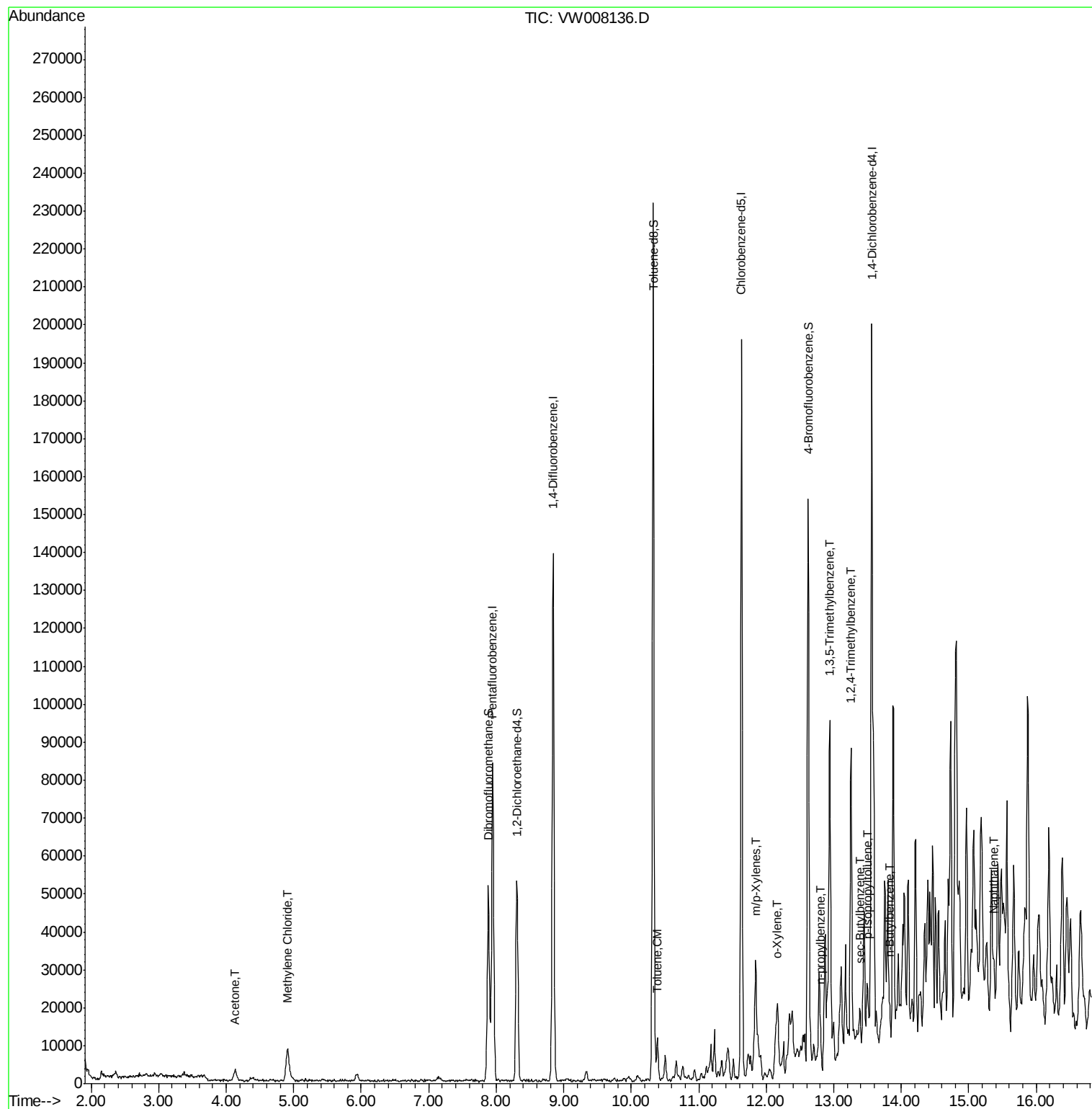
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5651	29.288	ug/l	90
20) Methylene Chloride	4.91	84	6438	5.717	ug/l	88
52) Toluene	10.39	92	4644	2.369	ug/l	99
68) m/p-Xylenes	11.84	106	4742	3.200	ug/l	86
69) o-Xylene	12.17	106	4279	3.118	ug/l	92
78) n-propylbenzene	12.81	91	4586	1.083	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	19544	6.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	41354	14.114	ug/l	99
85) sec-Butylbenzene	13.39	105	4609	1.252	ug/l #	75
86) p-Isopropyltoluene	13.50	119	5270	1.658	ug/l	97
89) n-Butylbenzene	13.83	91	4108	1.319	ug/l #	65
95) Naphthalene	15.37	128	6693	4.146	ug/l	98

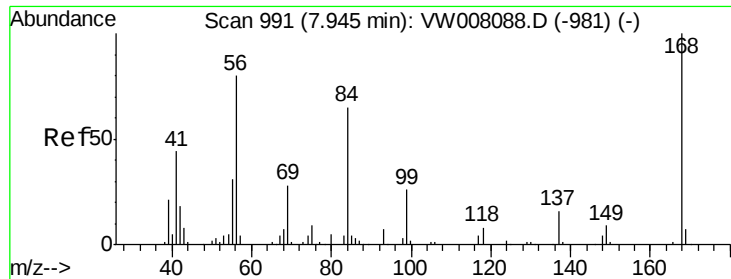
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
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Quant Time: Jan 10 11:07:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

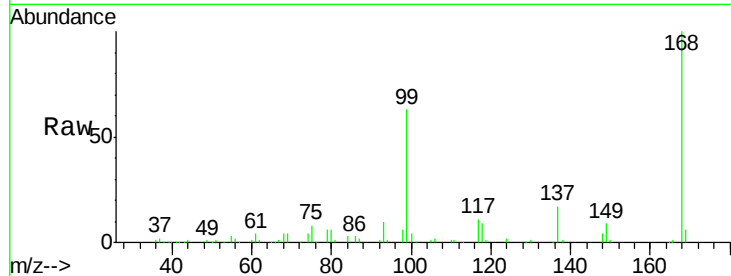
JC-03-010819-B

Tot Ion:168 Resp: 58324

Ion Ratio Lower Upper

168 100

99 62.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

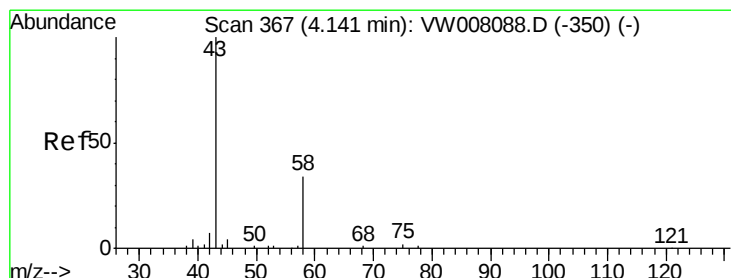
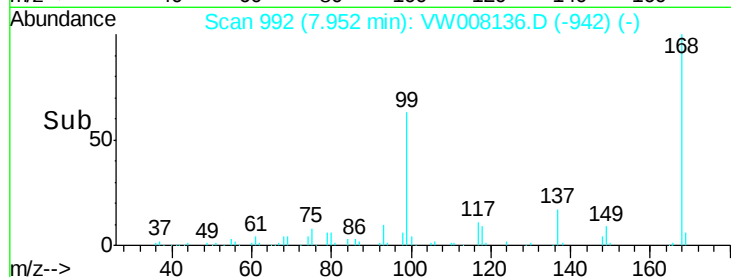
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 29.288 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008136.D

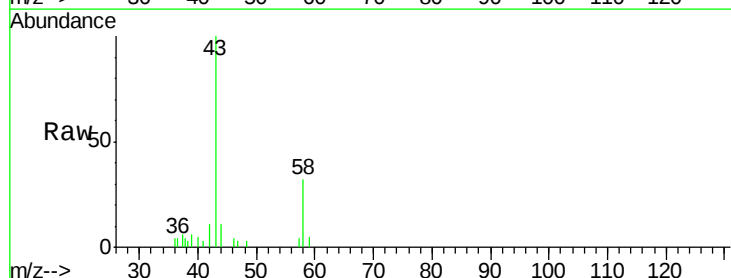
Acq: 10 Jan 2019 07:38

Tgt Ion: 43 Resp: 5651

Ion Ratio Lower Upper

43 100

58 28.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

1500

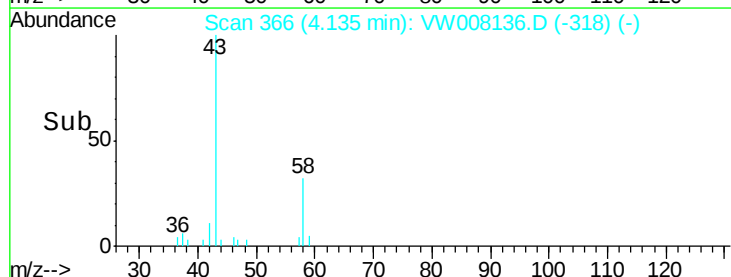
1000

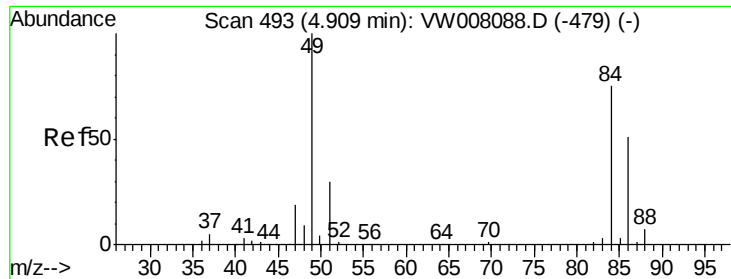
500

0

Time-->

4.05 4.10 4.15 4.20 4.25

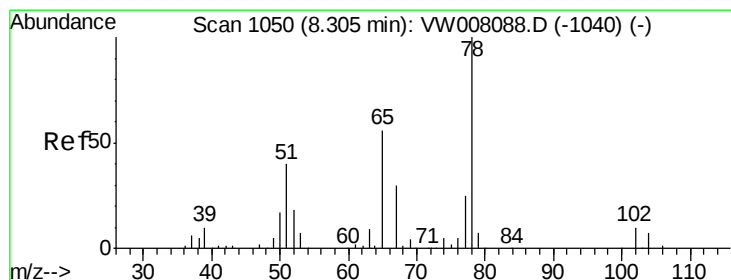
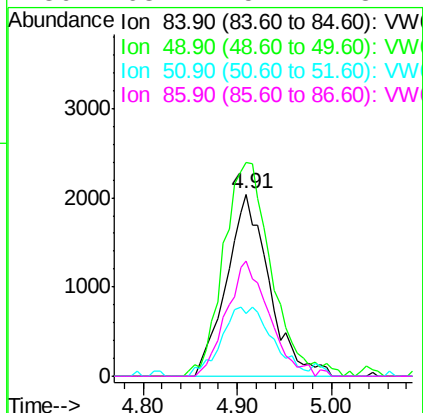
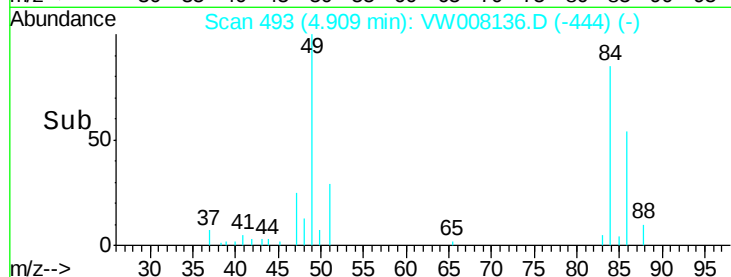
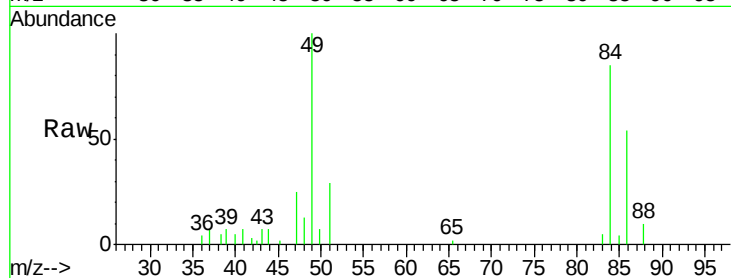




#20
Methvlene Chloride
Concen: 5.717 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008136.D
Acq: 10 Jan 2019 07:38

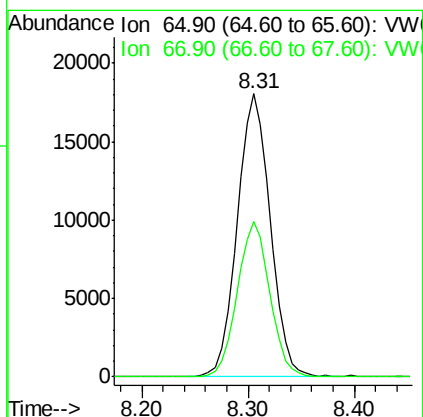
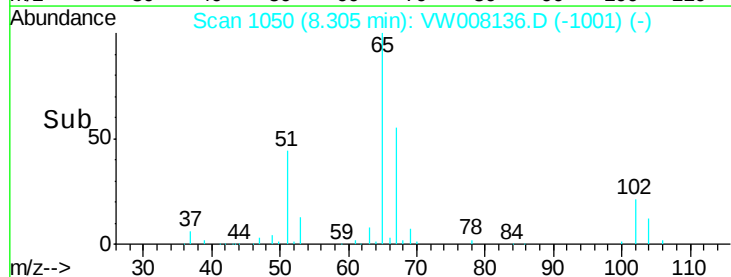
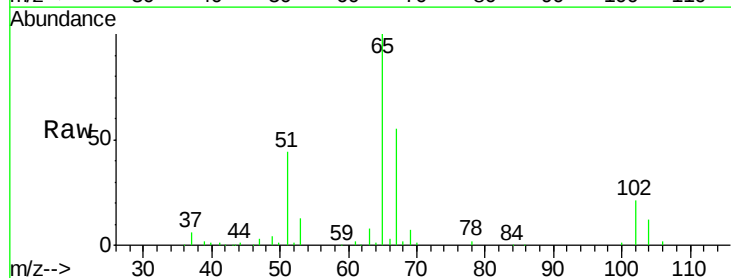
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

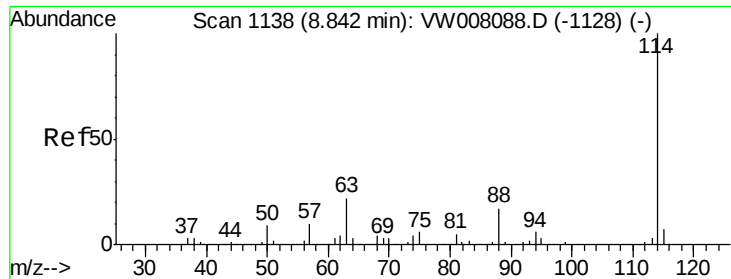
Tot Ion: 84 Resp: 6438
Ion Ratio Lower Upper
84 100
49 114.4 107.1 160.7
51 34.4 32.4 48.6
86 63.1 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 60.004 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008136.D
Acq: 10 Jan 2019 07:38

Tgt Ion: 65 Resp: 39333
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-B

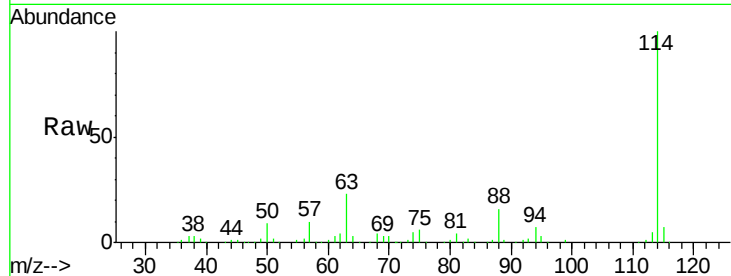
Tot Ion:114 Resp: 109884

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

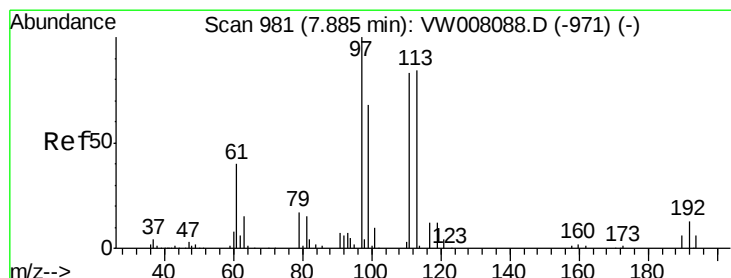
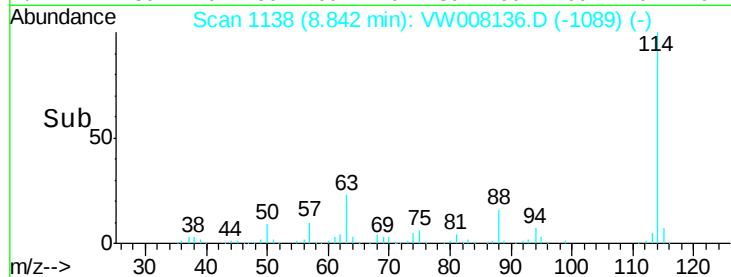
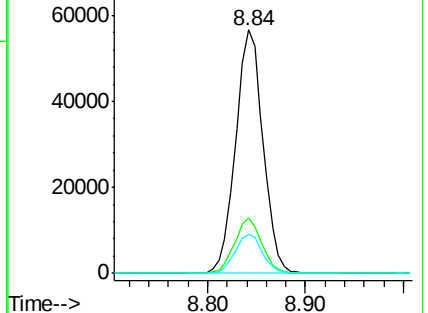
88 15.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.968 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

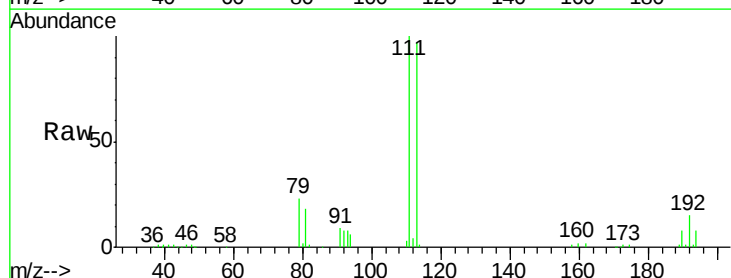
Tgt Ion:113 Resp: 35228

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

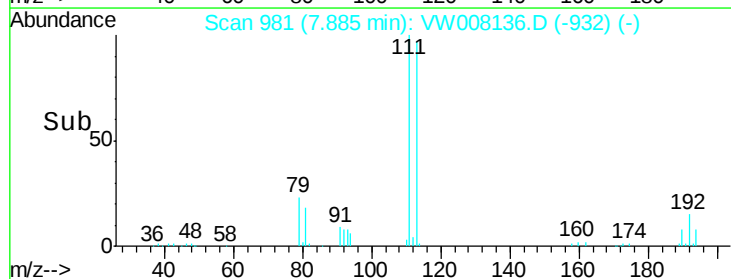
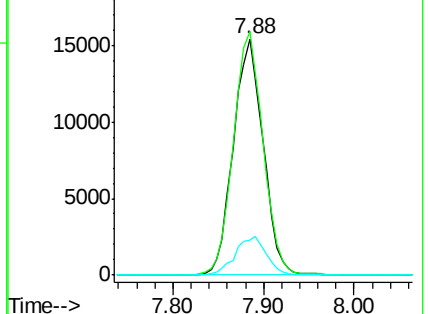
192 17.0 12.8 19.2

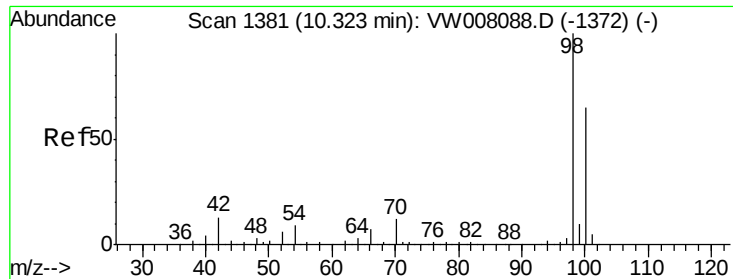


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.503 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

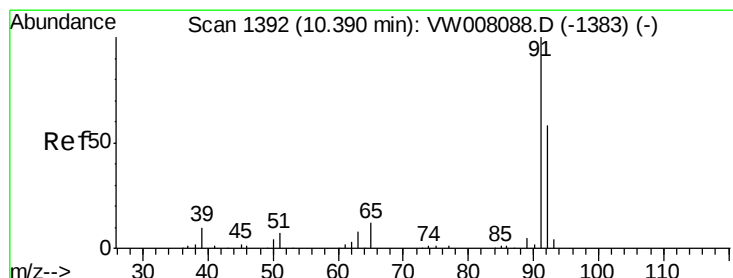
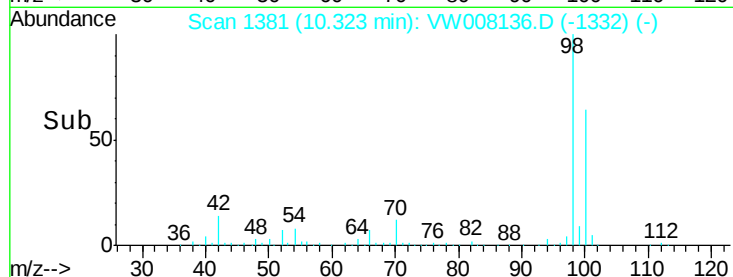
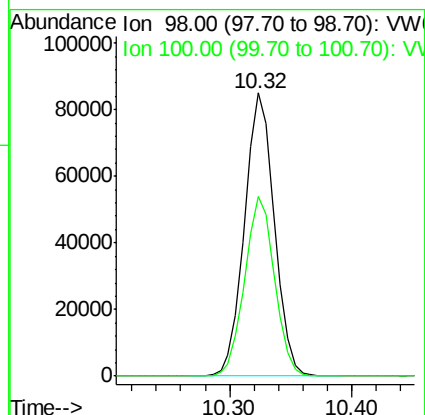
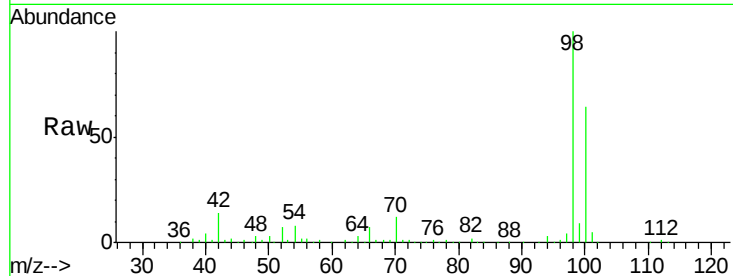
JC-03-010819-B

Tot Ion: 98 Resp: 143892

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#52

Toluene

Concen: 2.369 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008136.D

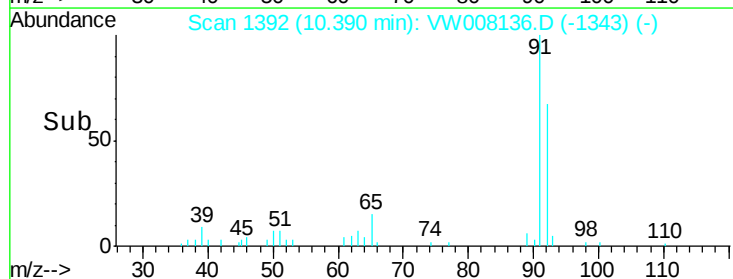
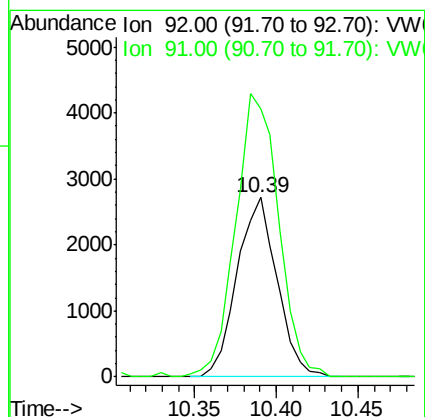
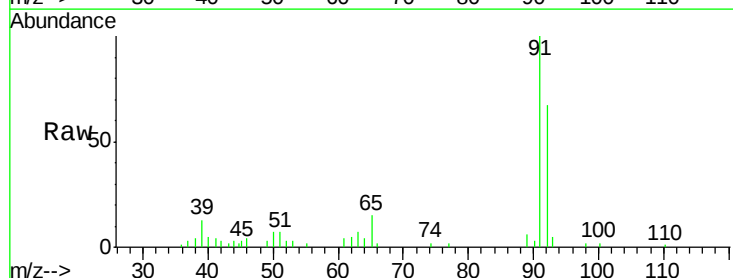
Acq: 10 Jan 2019 07:38

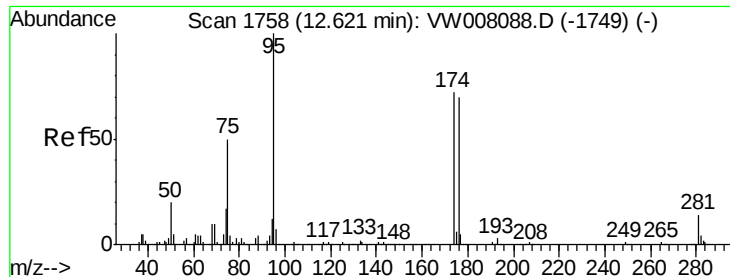
Tgt Ion: 92 Resp: 4644

Ion Ratio Lower Upper

92 100

91 169.6 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 49.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-B

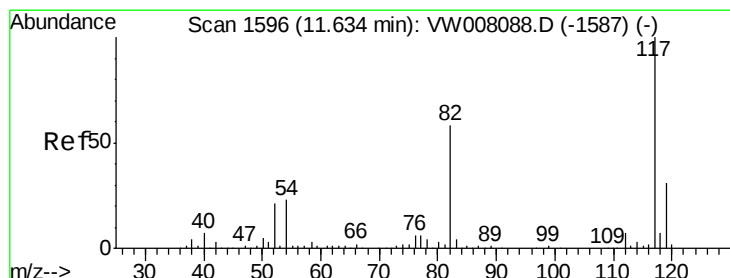
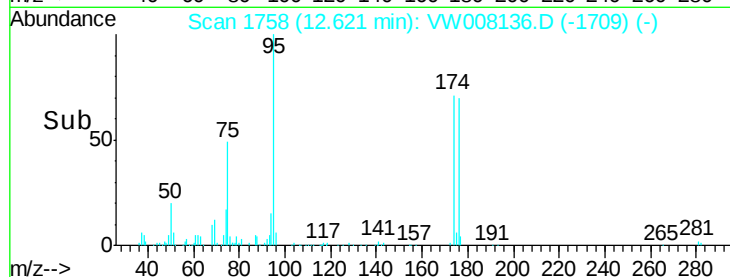
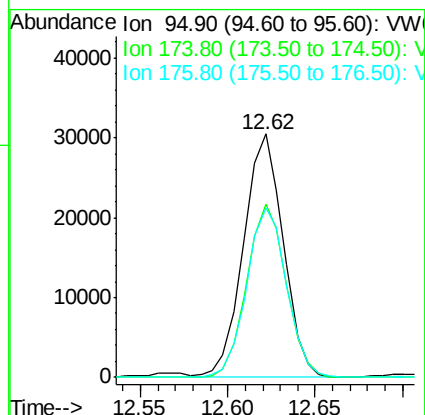
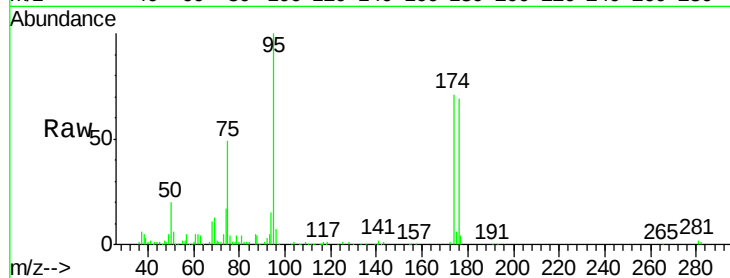
Tot Ion: 95 Resp: 47906

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.0

176 70.1 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

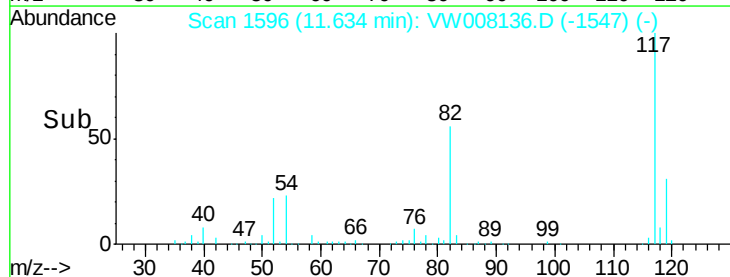
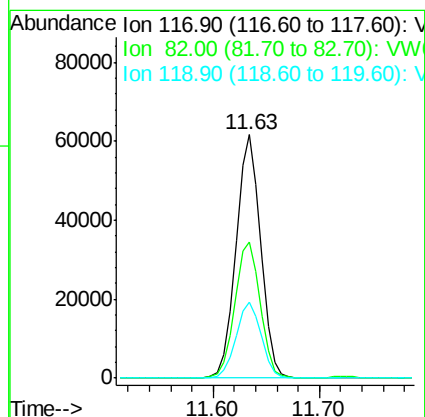
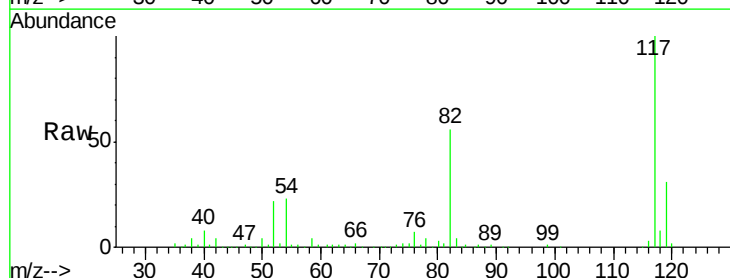
Tgt Ion: 117 Resp: 100152

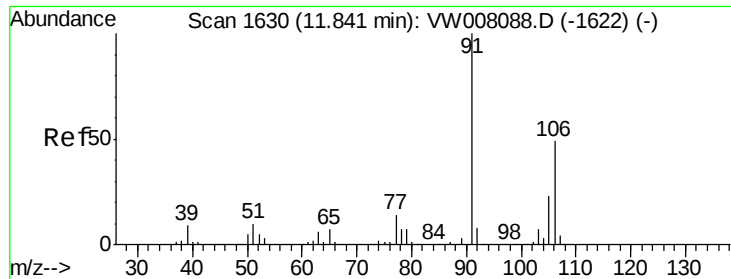
Ion Ratio Lower Upper

117 100

82 55.8 46.4 69.6

119 31.0 24.7 37.1

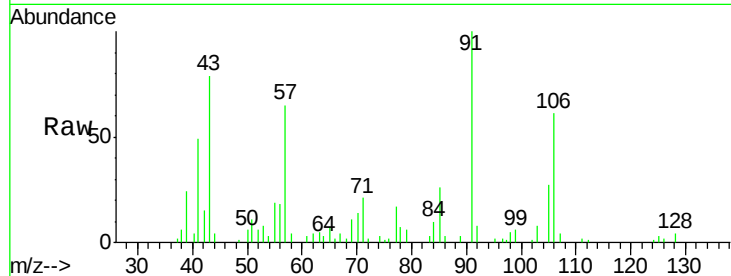




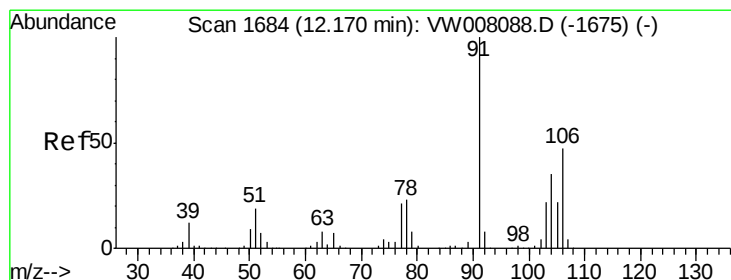
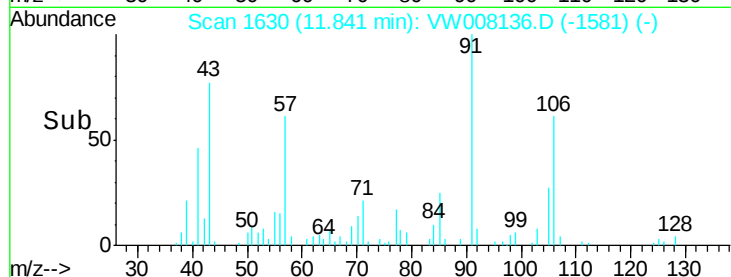
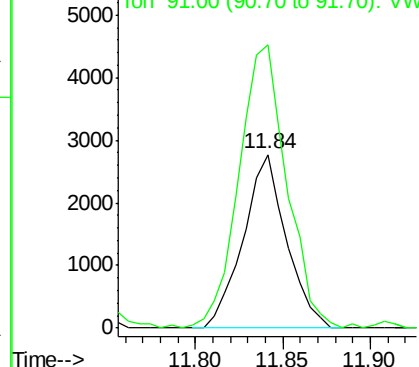
#68
m/p-Xylenes
Concen: 3.200 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008136.D
Acq: 10 Jan 2019 07:38

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

Tot Ion:106 Resp: 4742
Ion Ratio Lower Upper
106 100
91 181.2 162.4 243.6

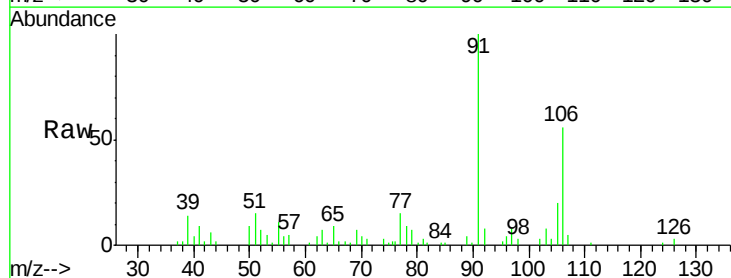


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

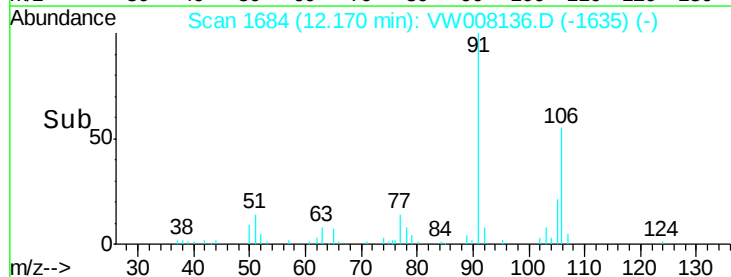
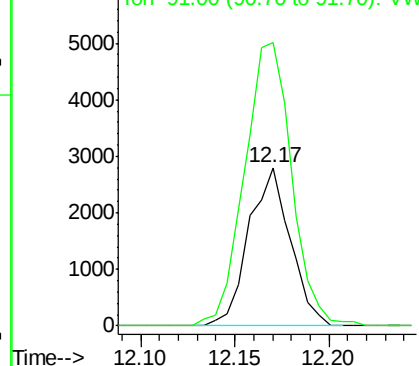


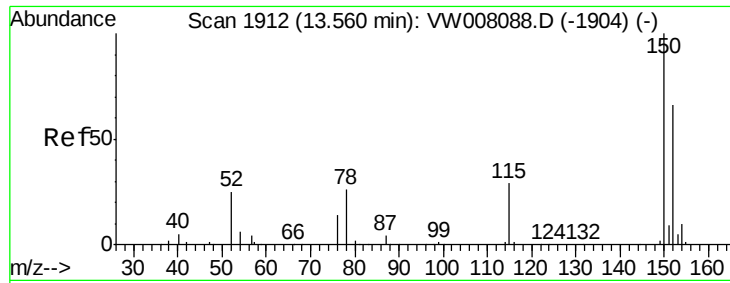
#69
o-Xylene
Concen: 3.118 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008136.D
Acq: 10 Jan 2019 07:38

Tgt Ion:106 Resp: 4279
Ion Ratio Lower Upper
106 100
91 202.9 107.8 323.6



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: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-B

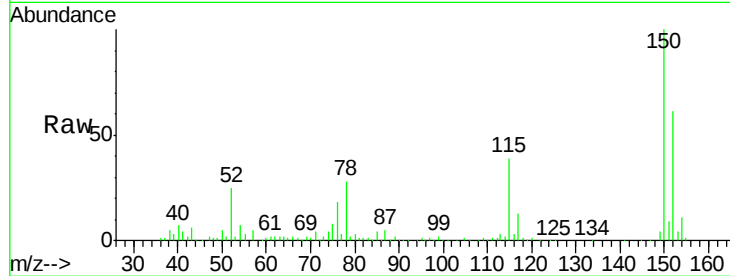
Tot Ion:152 Resp: 44034

Ion Ratio Lower Upper

152 100

115 67.5 30.8 92.4

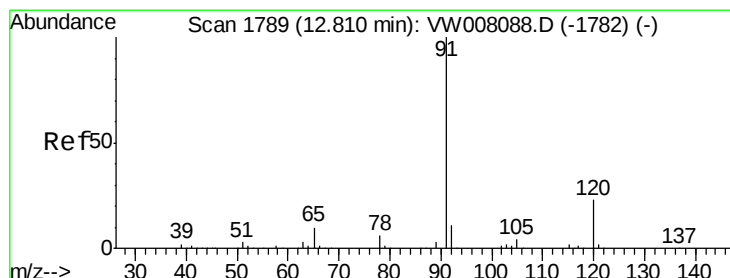
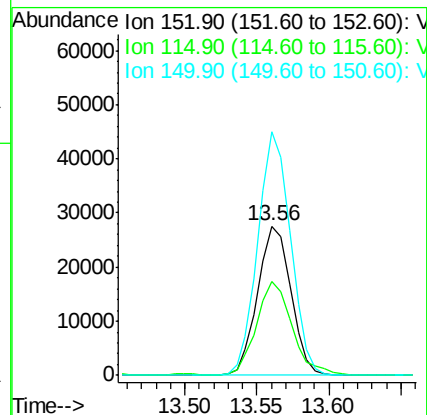
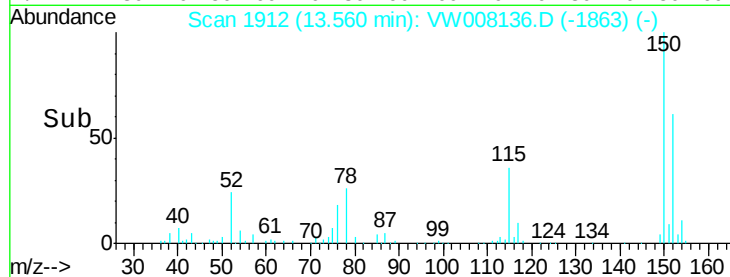
150 160.3 0.0 350.2



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: 1.083 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008136.D

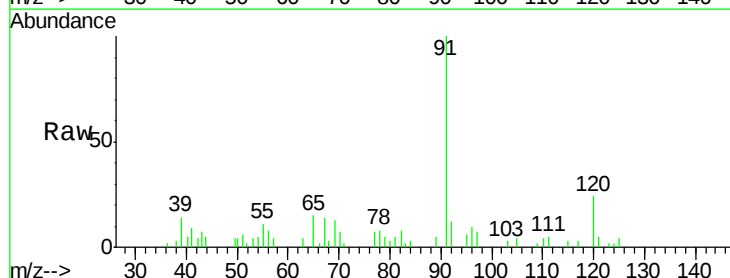
Acq: 10 Jan 2019 07:38

Tgt Ion: 91 Resp: 4586

Ion Ratio Lower Upper

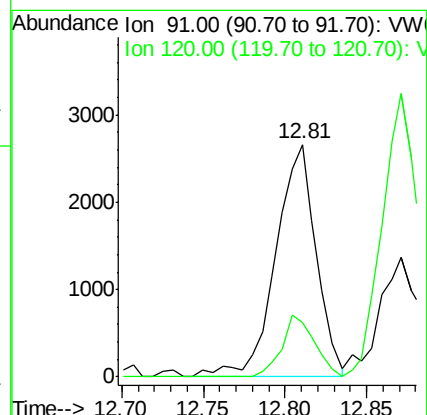
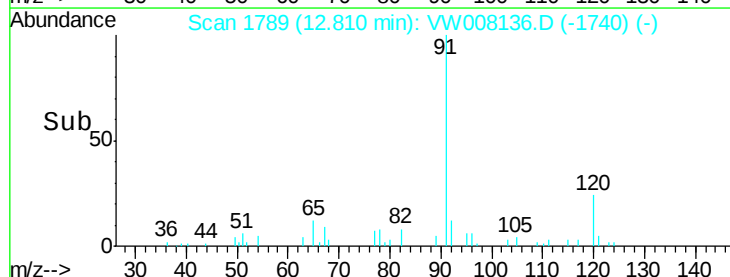
91 100

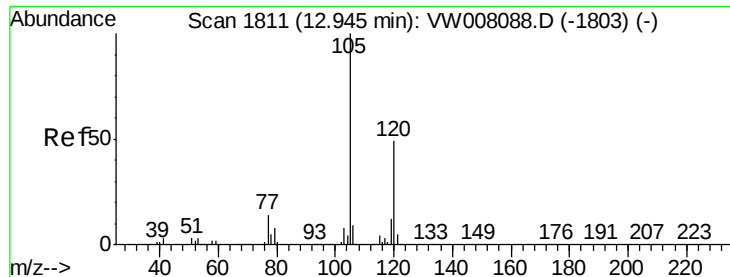
120 21.4 11.3 33.8



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: 6.880 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

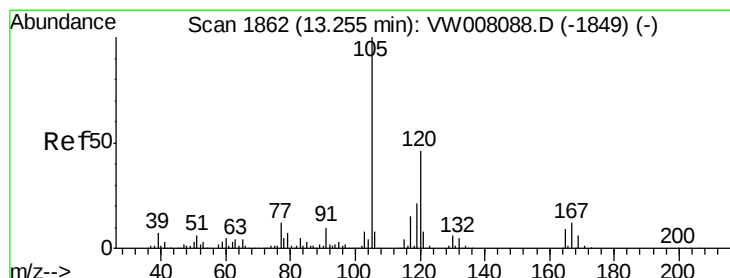
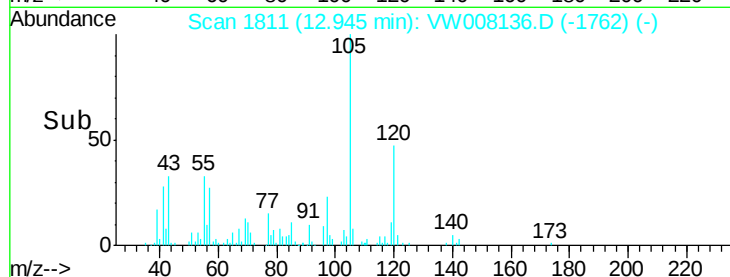
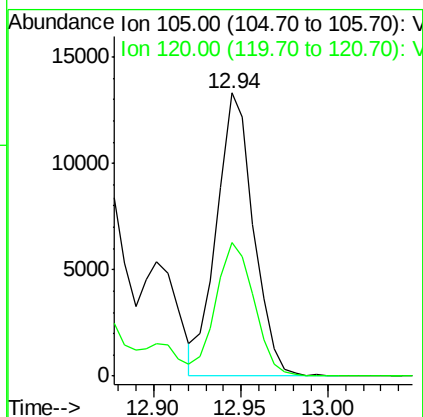
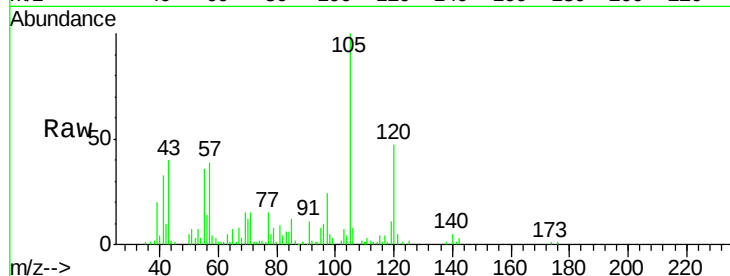
JC-03-010819-B

Tot Ion:105 Resp: 19544

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 14.114 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008136.D

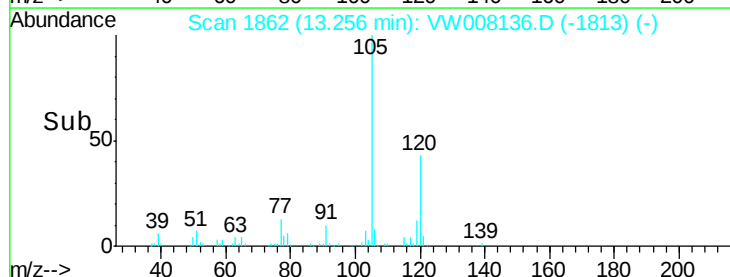
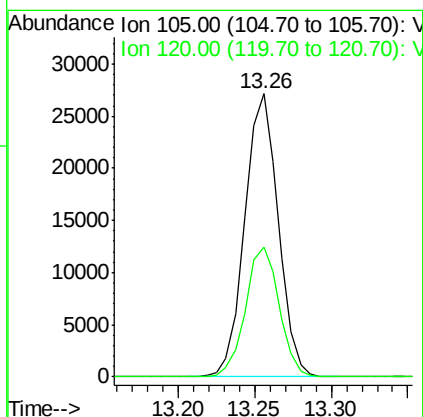
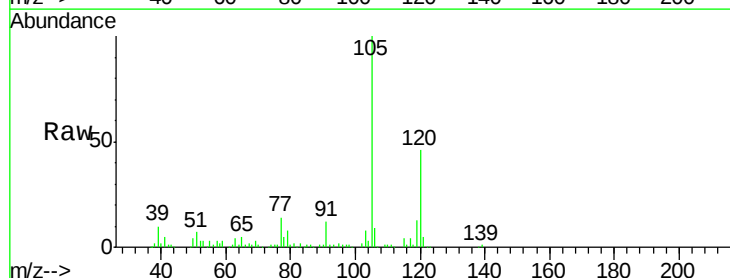
Acq: 10 Jan 2019 07:38

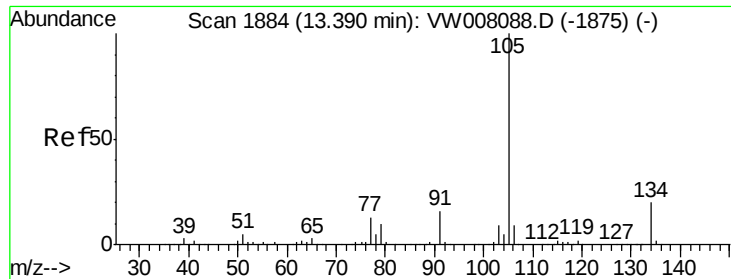
Tgt Ion:105 Resp: 41354

Ion Ratio Lower Upper

105 100

120 46.1 22.7 68.1

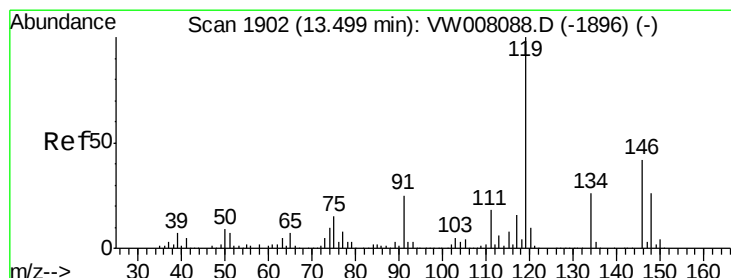
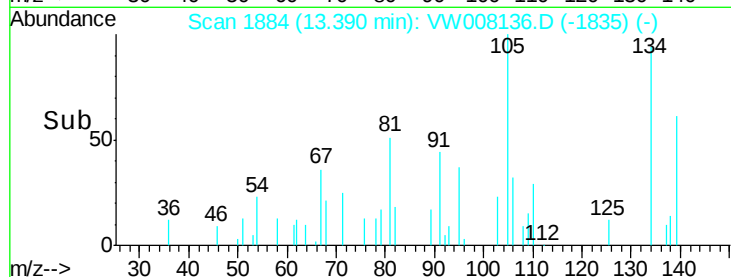
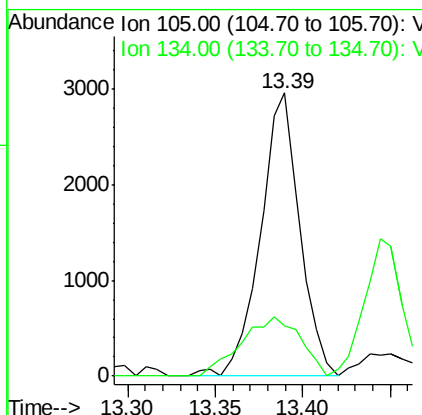
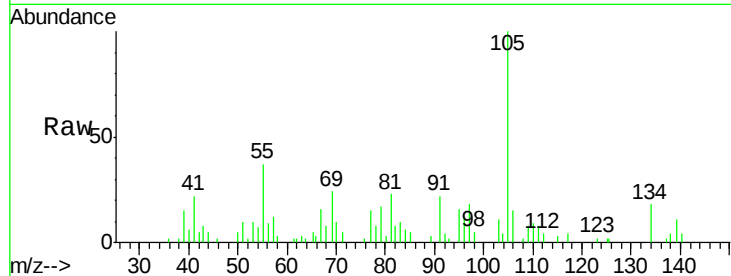




#85
 sec-Butylbenzene
 Concen: 1.252 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008136.D
 Acq: 10 Jan 2019 07:38

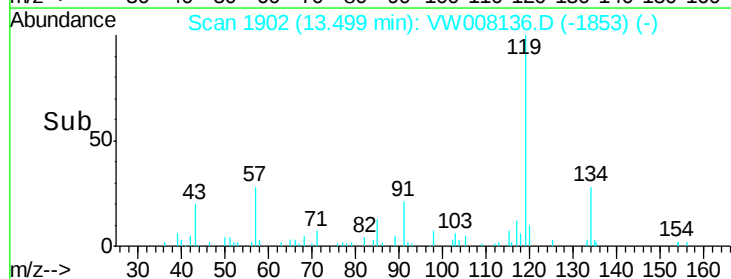
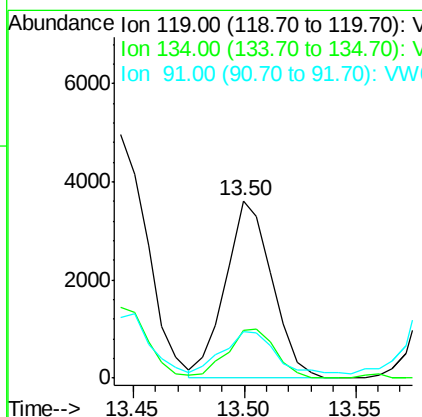
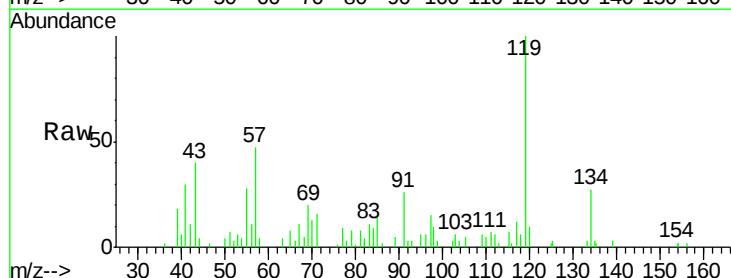
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-B

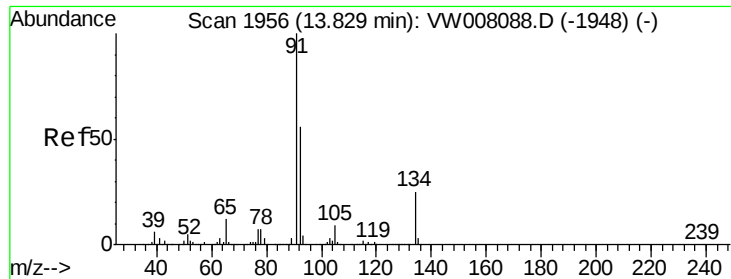
Tot Ion:105 Resp: 4609
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 1.658 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008136.D
 Acq: 10 Jan 2019 07:38

Tgt Ion:119 Resp: 5270
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.8
 91 26.0 12.3 36.9





#89

n-Butylbenzene

Concen: 1.319 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-B

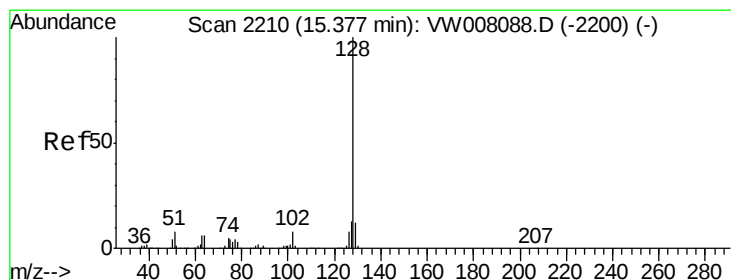
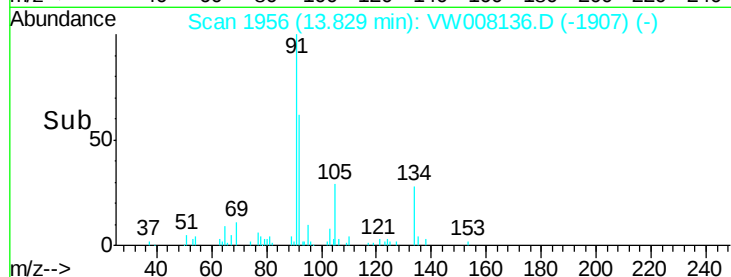
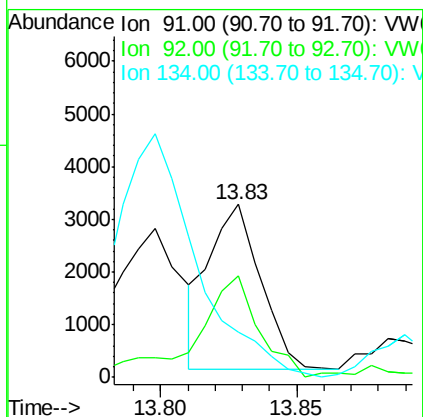
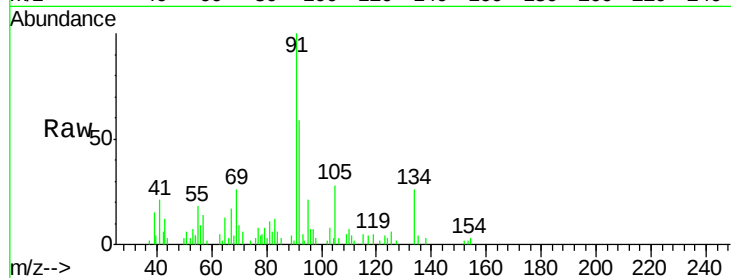
Tot Ion: 91 Resp: 4108

Ion Ratio Lower Upper

91 100

92 74.8 27.4 82.2

134 0.0 12.6 37.8#



#95

Naphthalene

Concen: 4.146 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008136.D

Acq: 10 Jan 2019 07:38

Tgt Ion: 128 Resp: 6693

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 9.5 9.0 13.6

