

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008140.D
 Acq On : 10 Jan 2019 09:25
 Operator : SY/AP
 Sample : K1006-11
 Misc : 6.78G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Jan 10 17:15:22 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

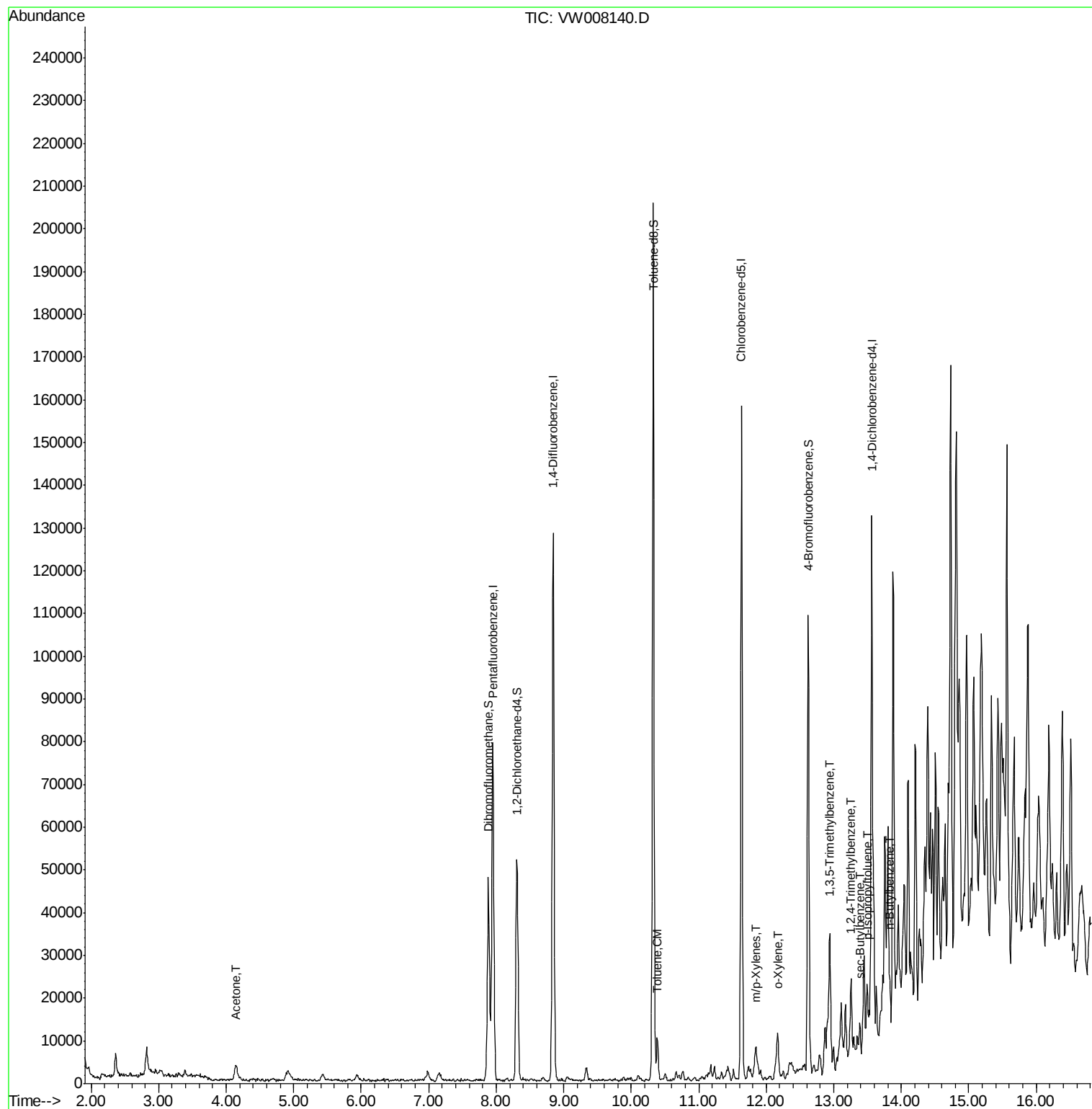
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	105478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39334	63.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.52%	
35) Dibromofluoromethane	7.88	113	34035	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.32	98	127651	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	35763	38.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	6814	44.024	ug/l	98
52) Toluene	10.38	92	4046	2.150	ug/l	99
68) m/p-Xylenes	11.84	106	1521	1.220	ug/l	89
69) o-Xylene	12.16	106	2392	2.072	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	6333	3.571	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	9397	5.137	ug/l	100
85) sec-Butylbenzene	13.39	105	2596	1.130	ug/l	91
86) p-Isopropyltoluene	13.50	119	3113	1.569	ug/l	97
89) n-Butylbenzene	13.83	91	3757	1.933	ug/l #	50

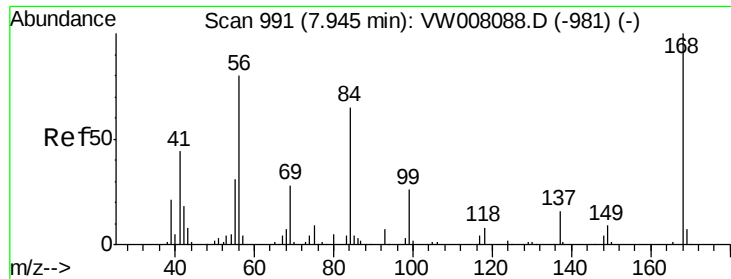
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
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Misc : 6.78G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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JC-03-010819-F

Quant Time: Jan 10 17:15:22 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: VW008140.D

Acq: 10 Jan 2019 09:25

Instrument :

MSVOA_W

ClientSampleId :

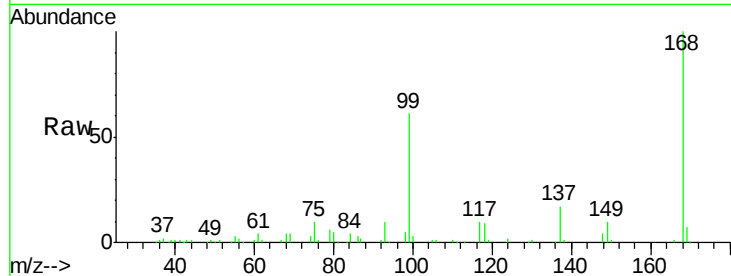
JC-03-010819-F

Tot Ion:168 Resp: 54889

Ion Ratio Lower Upper

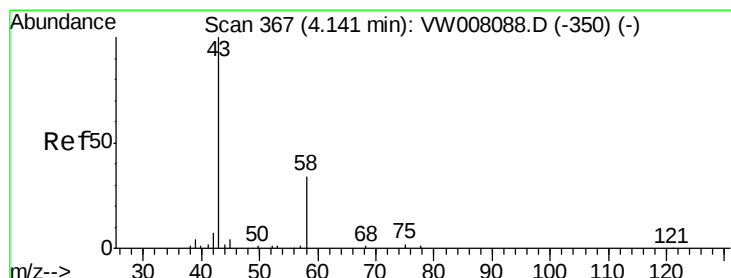
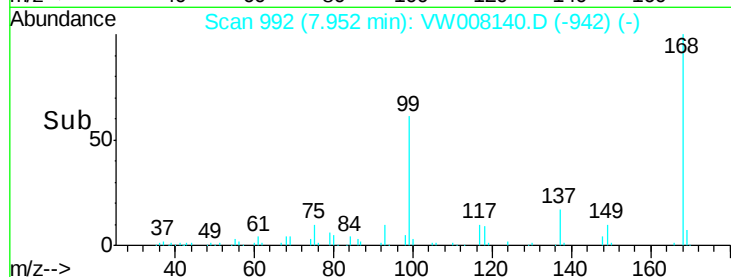
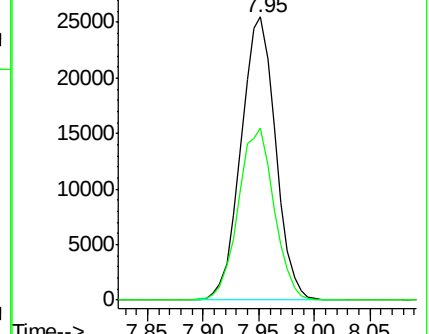
168 100

99 60.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 44.024 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008140.D

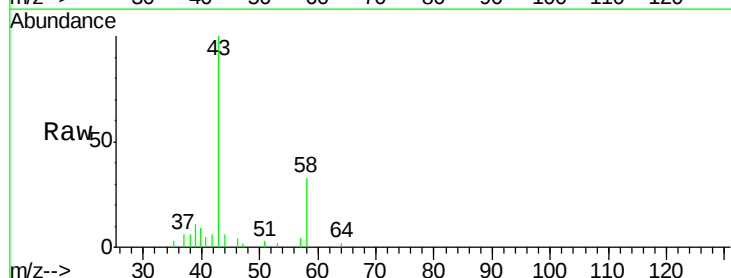
Acq: 10 Jan 2019 09:25

Tgt Ion: 43 Resp: 6814

Ion Ratio Lower Upper

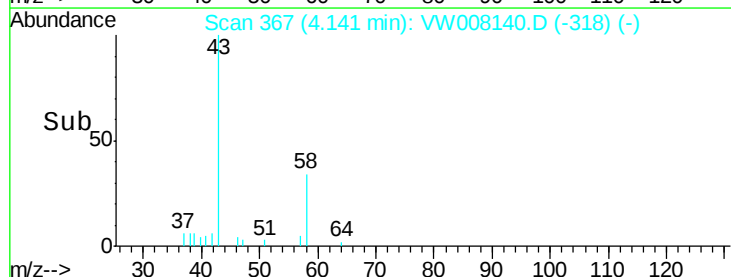
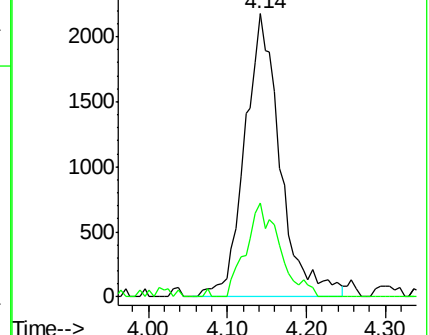
43 100

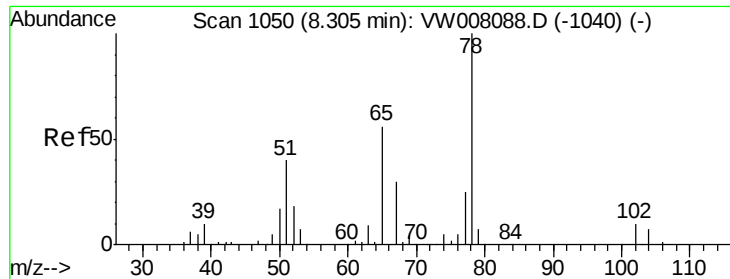
58 33.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

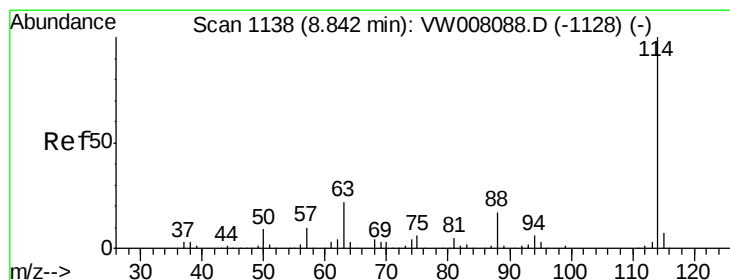
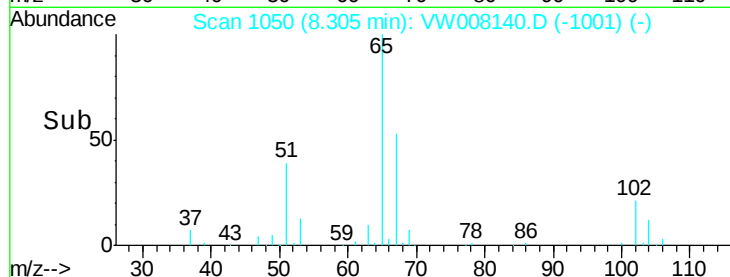
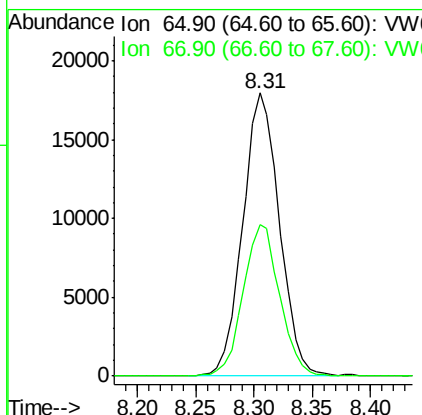
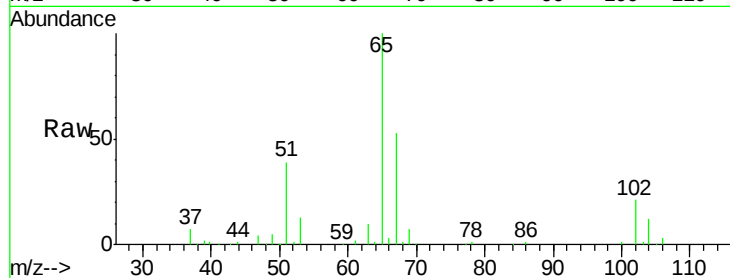




#33
 1,2-Dichloroethane-d4
 Concen: 63.760 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

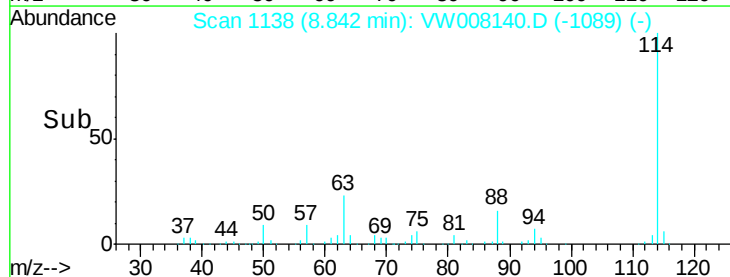
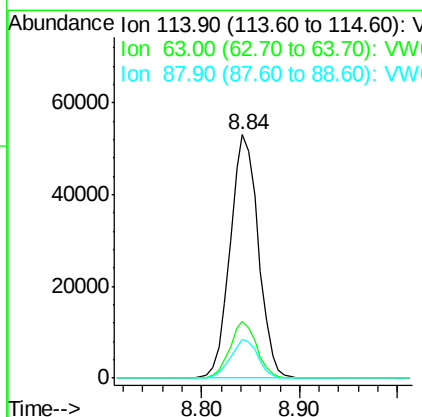
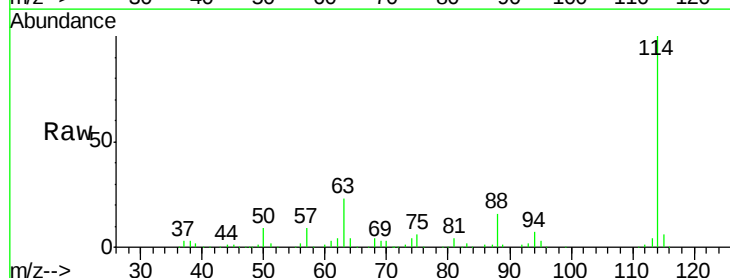
Instrument :
 MSVOA_W
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 JC-03-010819-F

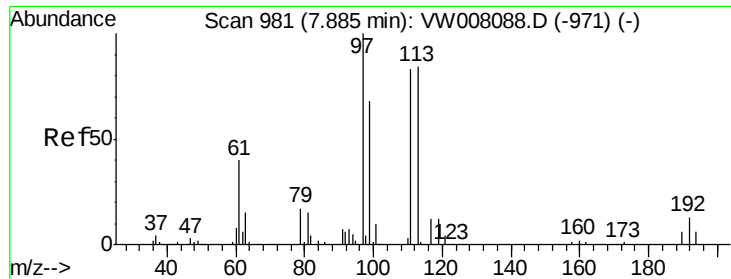
Tot Ion: 65 Resp: 39334
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

Tgt Ion: 114 Resp: 105478
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 43.4
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.325 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008140.D

Acq: 10 Jan 2019 09:25

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-F

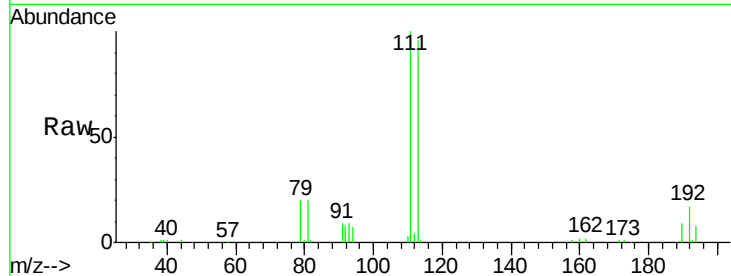
Tot Ion:113 Resp: 34035

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

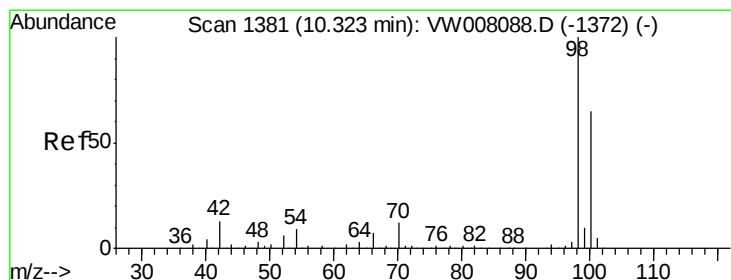
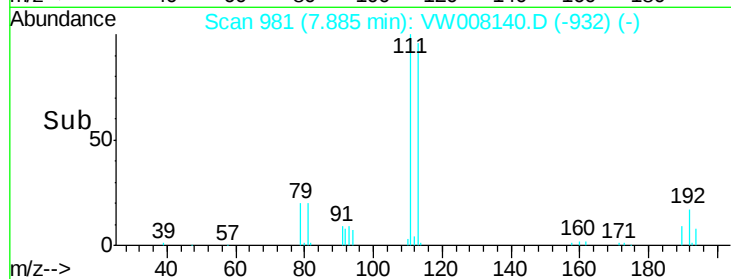
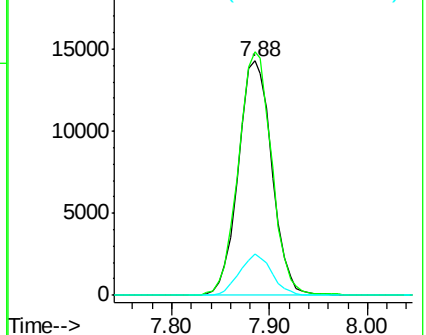
192 16.9 12.8 19.2



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: 49.447 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008140.D

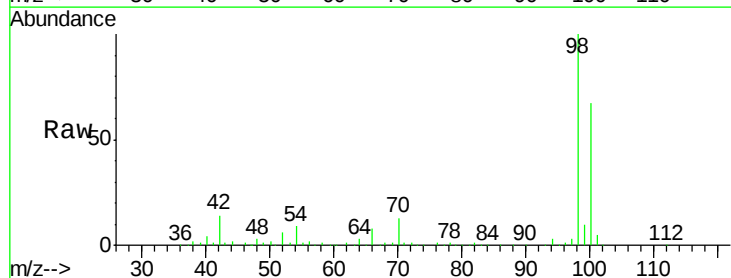
Acq: 10 Jan 2019 09:25

Tgt Ion: 98 Resp: 127651

Ion Ratio Lower Upper

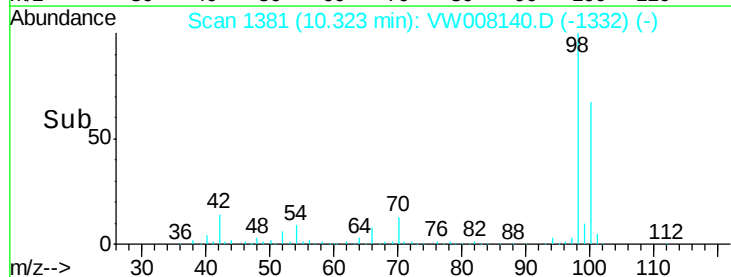
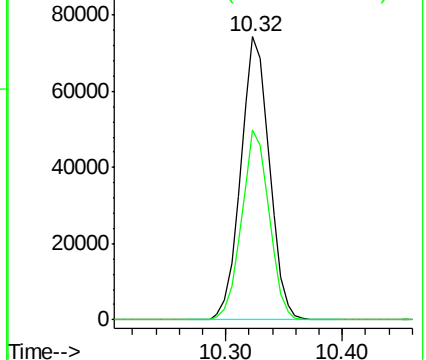
98 100

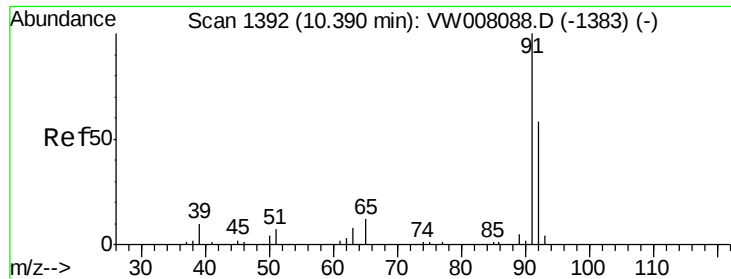
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.150 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008140.D

Acq: 10 Jan 2019 09:25

Instrument :

MSVOA_W

ClientSampleId :

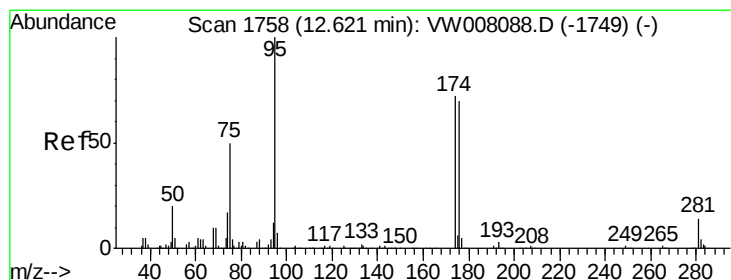
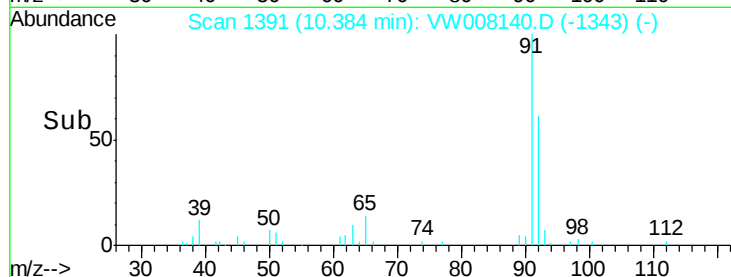
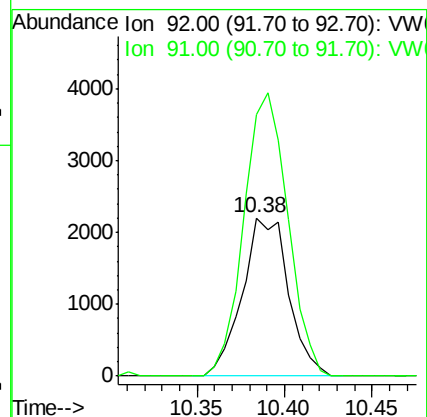
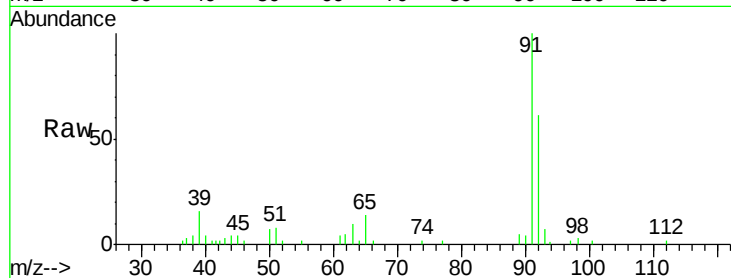
JC-03-010819-F

Tot Ion: 92 Resp: 4046

Ion Ratio Lower Upper

92 100

91 169.9 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 38.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008140.D

Acq: 10 Jan 2019 09:25

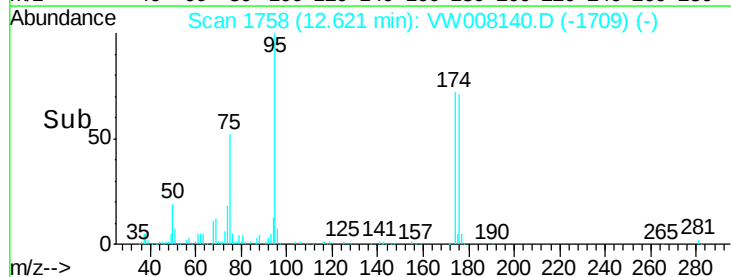
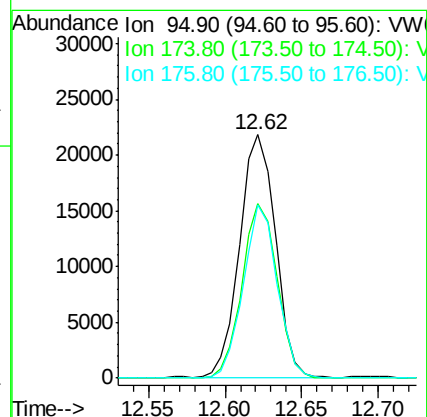
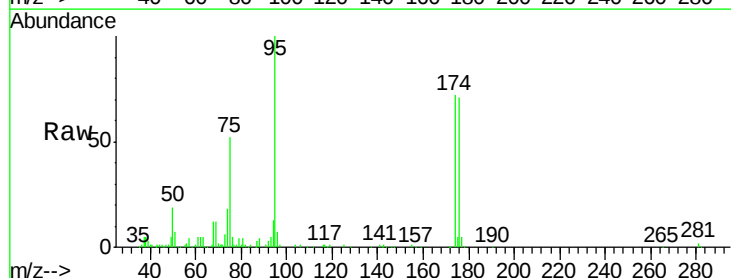
Tgt Ion: 95 Resp: 35763

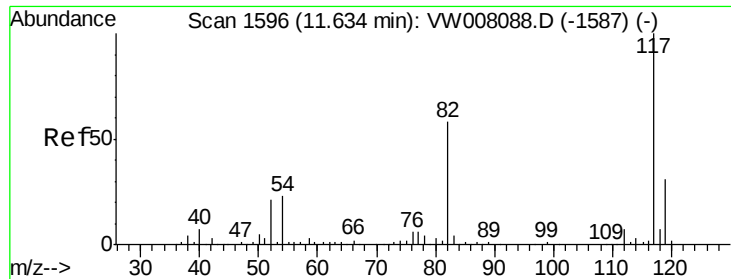
Ion Ratio Lower Upper

95 100

174 70.0 0.0 143.0

176 67.0 0.0 140.2

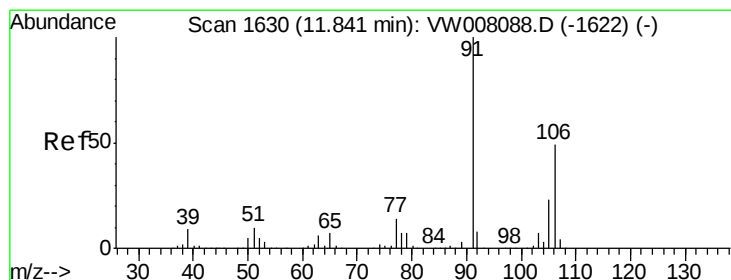
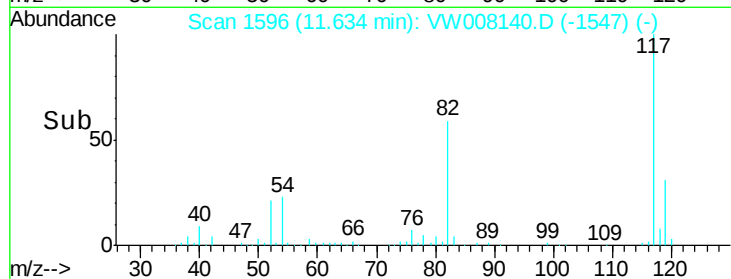
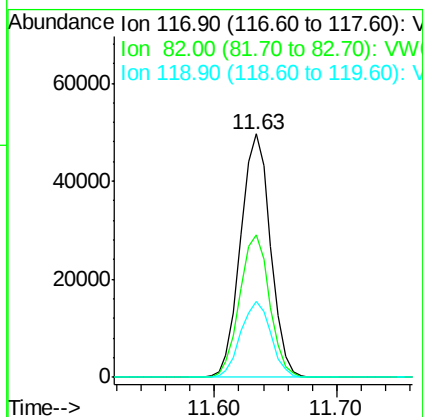
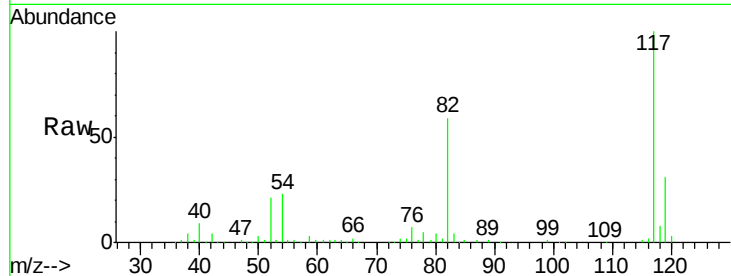




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008140.D
Acq: 10 Jan 2019 09:25

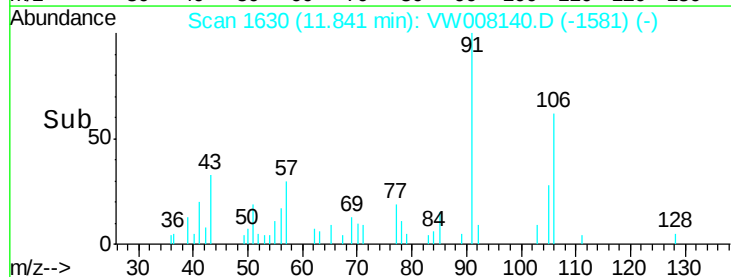
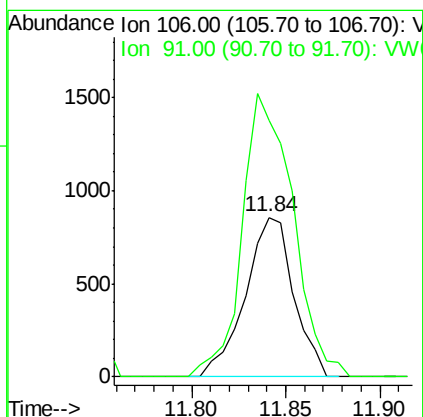
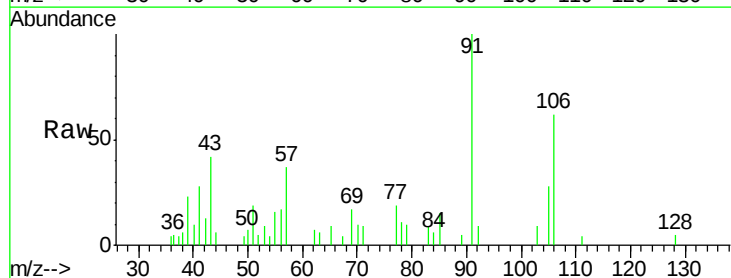
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-F

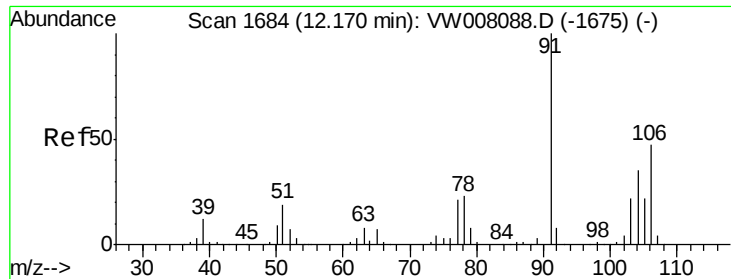
Tot Ion:117 Resp: 84239
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 1.220 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008140.D
Acq: 10 Jan 2019 09:25

Tgt Ion:106 Resp: 1521
Ion Ratio Lower Upper
106 100
91 186.0 162.4 243.6

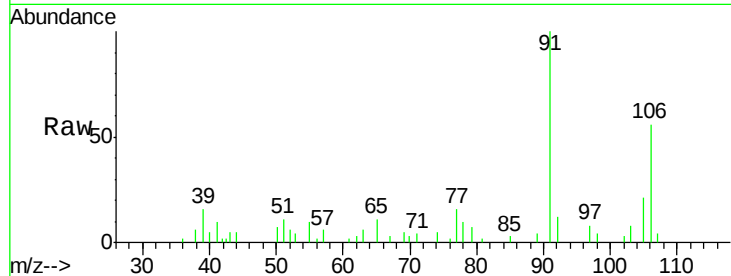




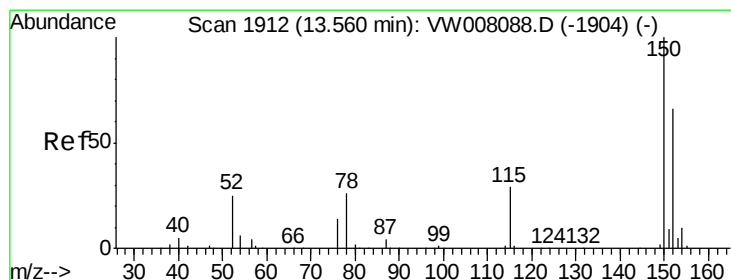
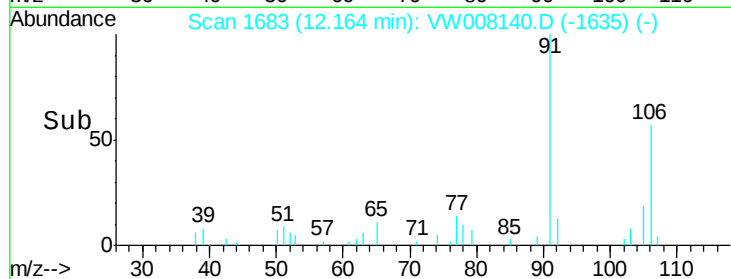
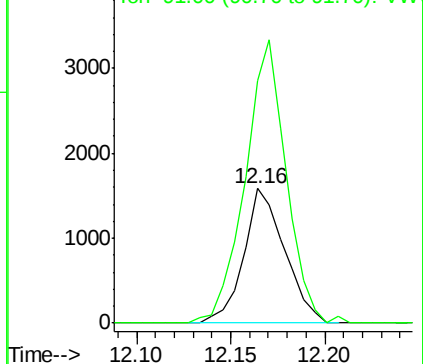
#69
o-Xylene
Concen: 2.072 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008140.D
Acq: 10 Jan 2019 09:25

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

Tot Ion:106 Resp: 2392
Ion Ratio Lower Upper
106 100
91 209.8 107.8 323.6

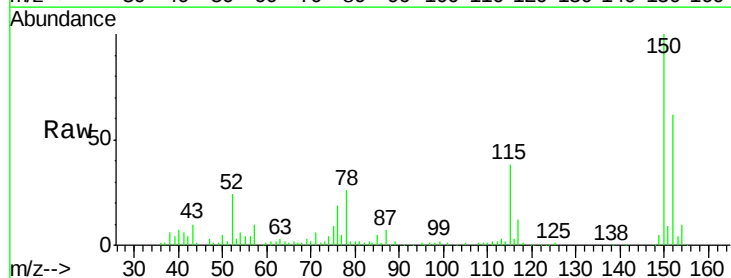


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

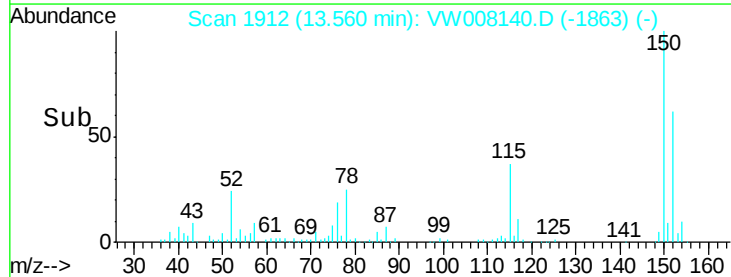
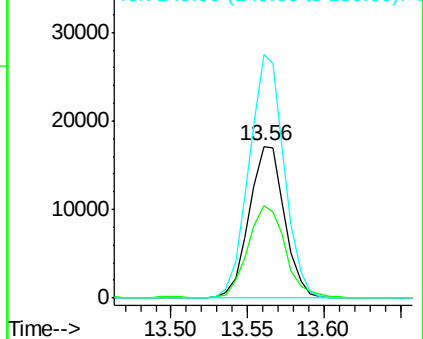


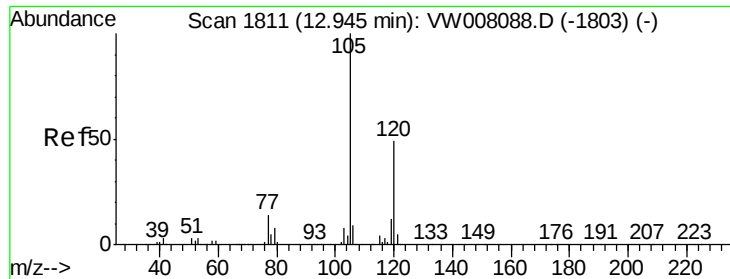
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008140.D
Acq: 10 Jan 2019 09:25

Tgt Ion:152 Resp: 27489
Ion Ratio Lower Upper
152 100
115 64.7 30.8 92.4
150 159.4 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

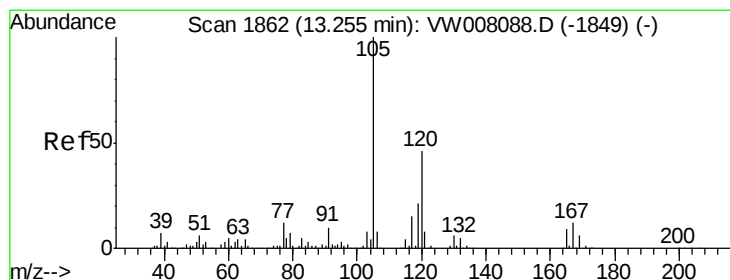
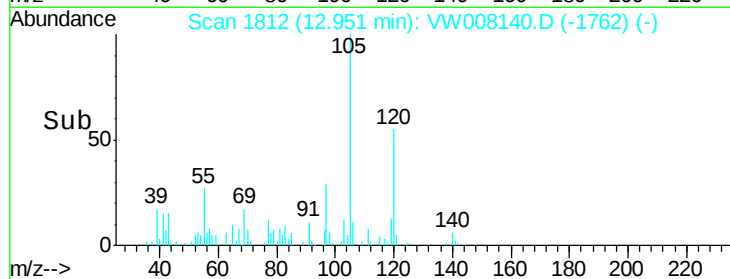
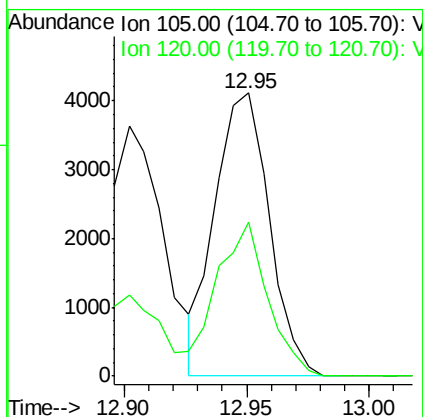
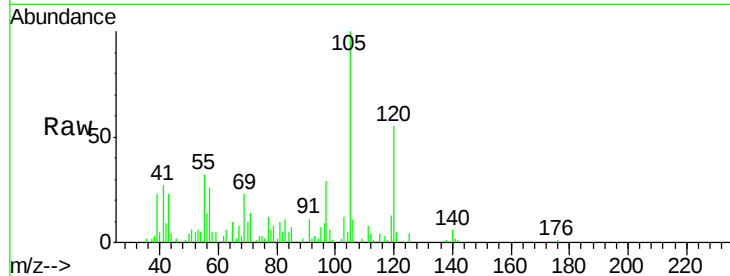




#80
 1,3,5-Trimethylbenzene
 Concen: 3.571 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

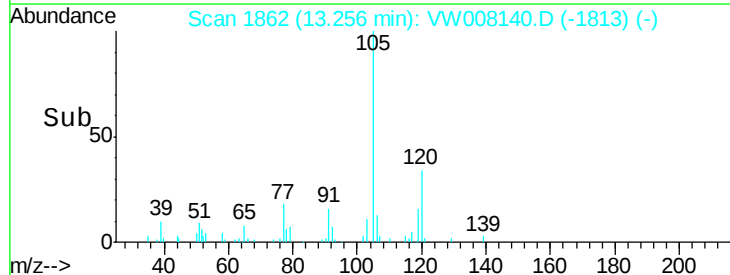
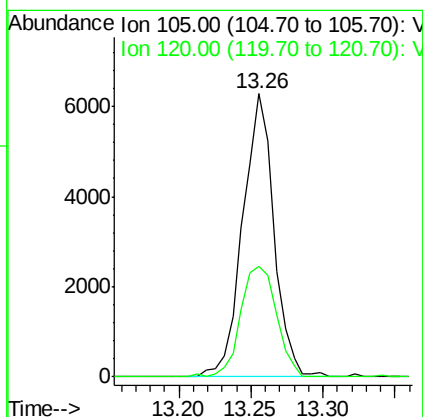
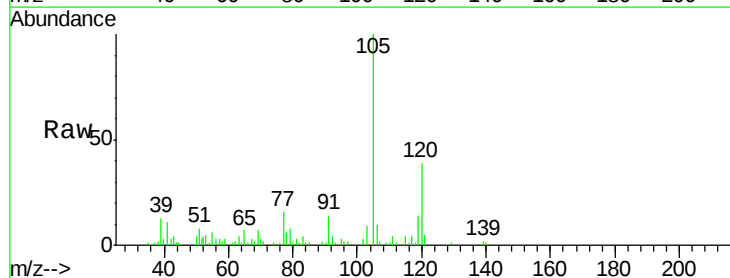
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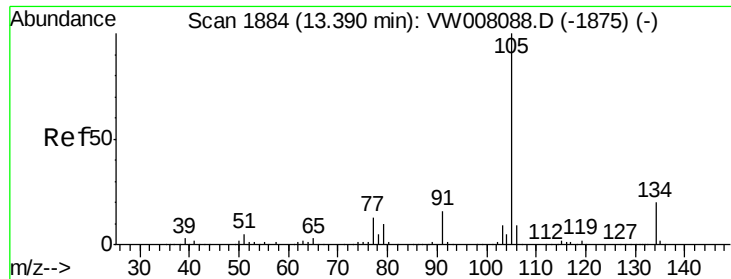
Tot Ion:105 Resp: 6333
 Ion Ratio Lower Upper
 105 100
 120 52.8 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.137 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

Tgt Ion:105 Resp: 9397
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

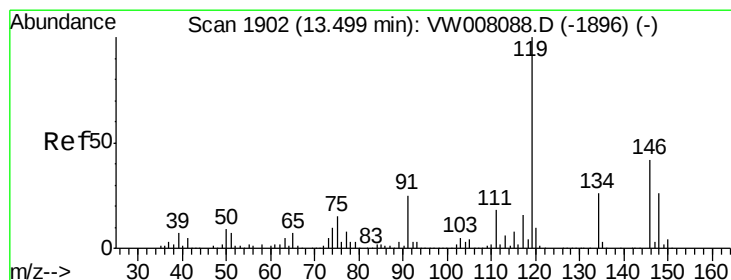
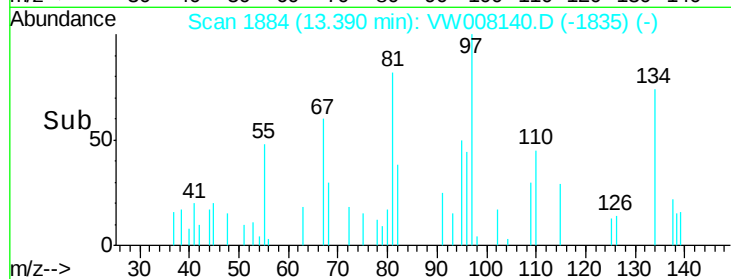
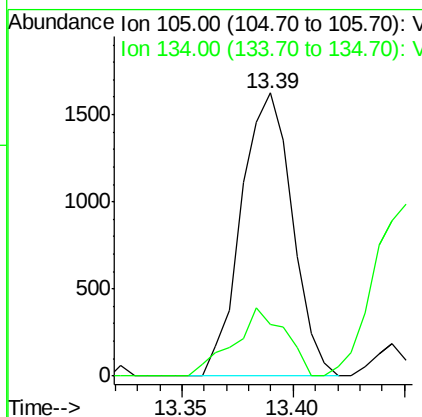
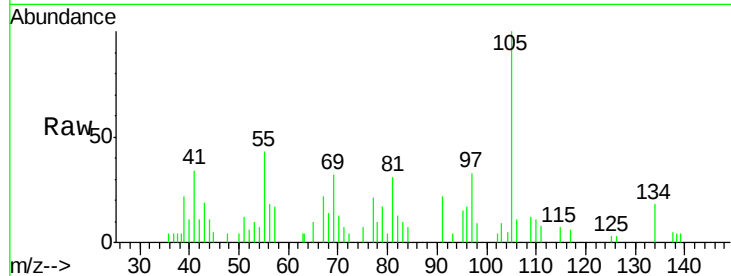




#85
 sec-Butylbenzene
 Concen: 1.130 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

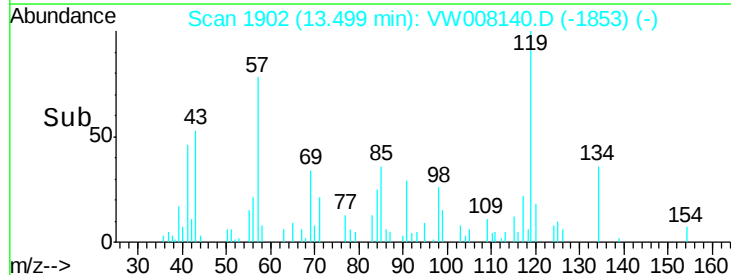
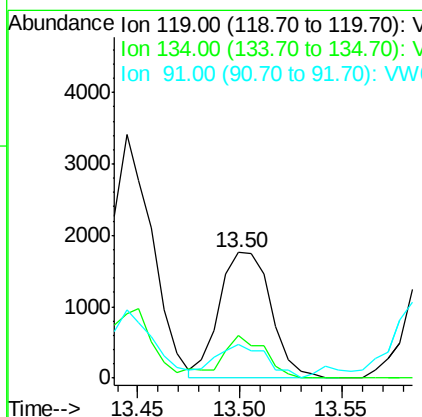
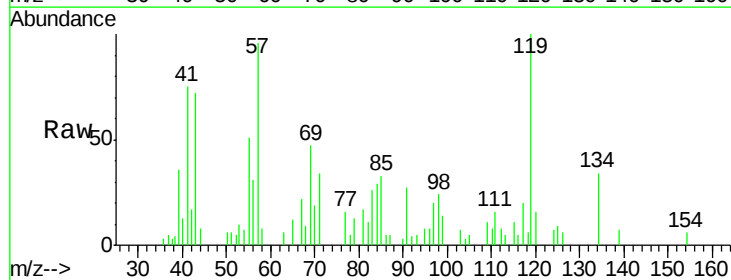
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-F

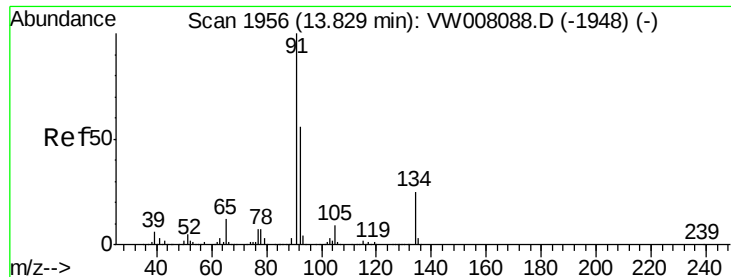
Tot Ion:105 Resp: 2596
 Ion Ratio Lower Upper
 105 100
 134 24.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.569 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008140.D
 Acq: 10 Jan 2019 09:25

Tgt Ion:119 Resp: 3113
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 26.5 12.3 36.9





#89

n-Butylbenzene

Concen: 1.933 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008140.D

Acq: 10 Jan 2019 09:25

Instrument :

MSVOA_W

ClientSampleId :

JC-03-010819-F

Tot Ion: 91 Resp: 3757

Ion Ratio Lower Upper

91 100

92 90.5 27.4 82.2#

134 0.0 12.6 37.8#

