

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008633.D
 Acq On : 12 Feb 2019 19:52
 Operator : SY/VA
 Sample : K1343-19
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 13 01:32:46 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

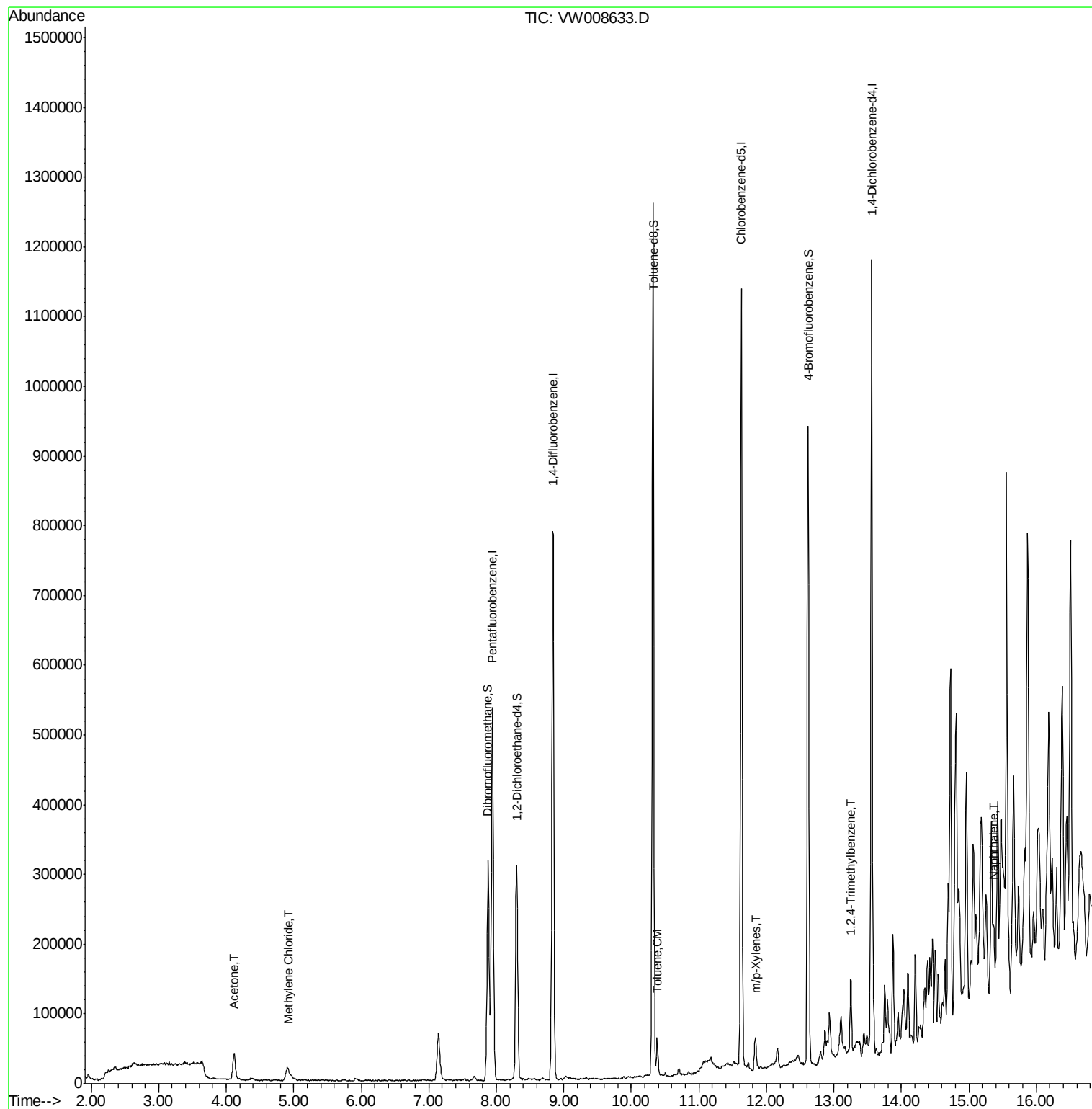
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	406285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	673172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	612643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	282734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	233337	58.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.92%	
35) Dibromofluoromethane	7.88	113	209614	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.32	98	805069	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	295514	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
16) Acetone	4.12	43	68949	76.924	ug/l	96
20) Methylene Chloride	4.92	84	15723	3.806	ug/l #	88
52) Toluene	10.38	92	20828	1.788	ug/l	97
68) m/p-Xylenes	11.83	106	12401	1.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	60441	3.375	ug/l	99
95) Naphthalene	15.37	128	41295	4.006	ug/l #	94

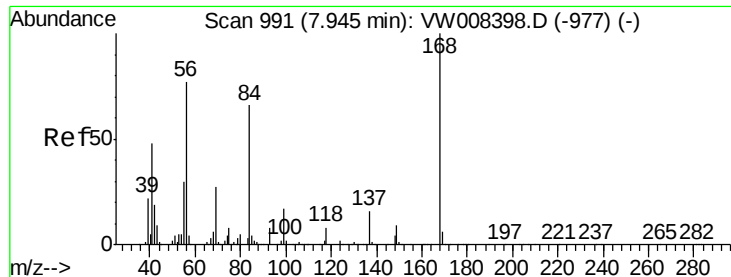
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008633.D

Acq: 12 Feb 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

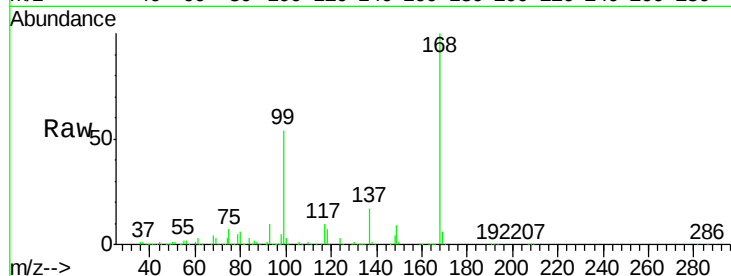
JC-02-021119-J

Tot Ion:168 Resp: 406285

Ion Ratio Lower Upper

168 100

99 54.0 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

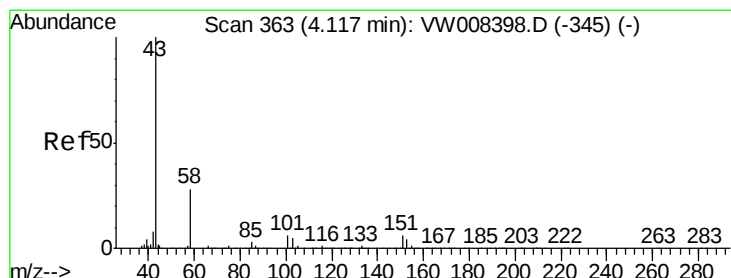
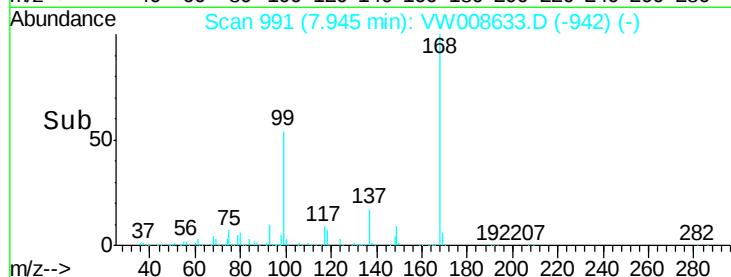
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 76.924 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008633.D

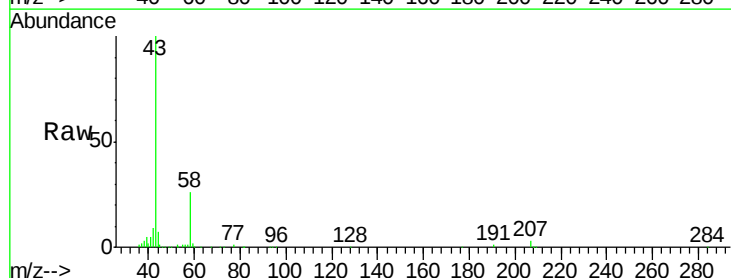
Acq: 12 Feb 2019 19:52

Tgt Ion: 43 Resp: 68949

Ion Ratio Lower Upper

43 100

58 26.1 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

25000

20000

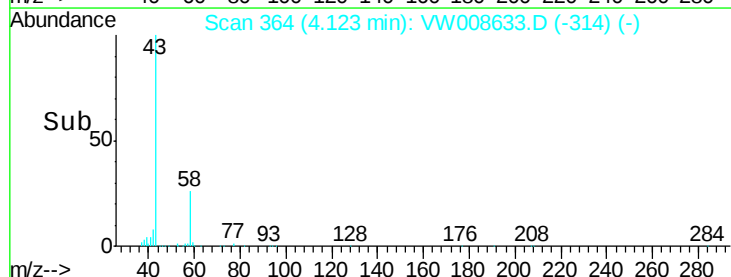
15000

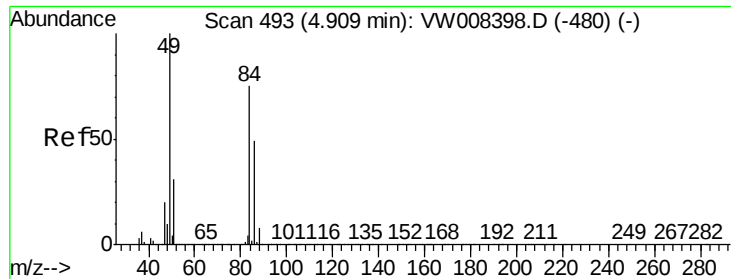
10000

5000

0

Time--> 4.00 4.10 4.20

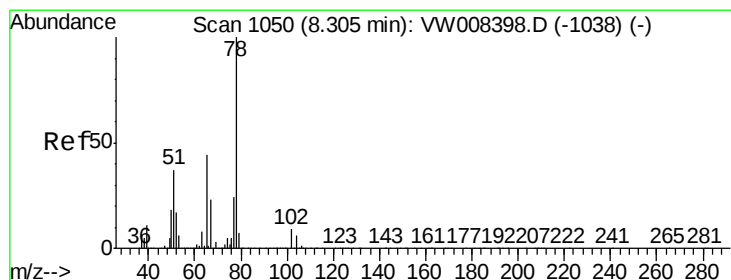
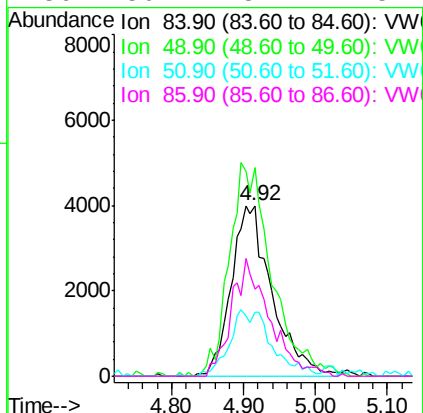
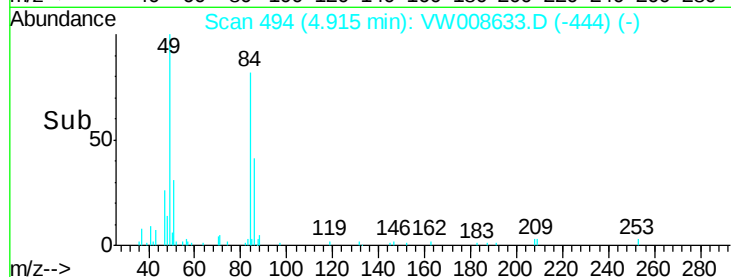
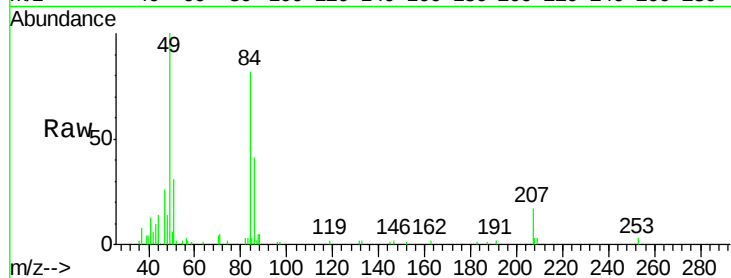




#20
Methvlene Chloride
Concen: 3.806 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008633.D
Acq: 12 Feb 2019 19:52

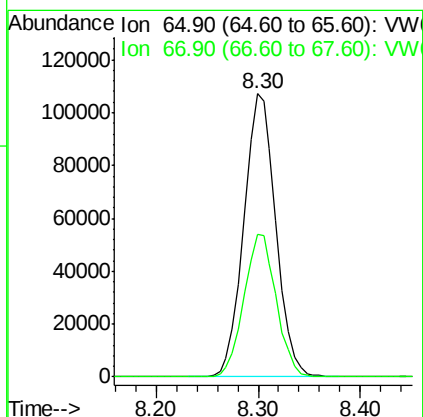
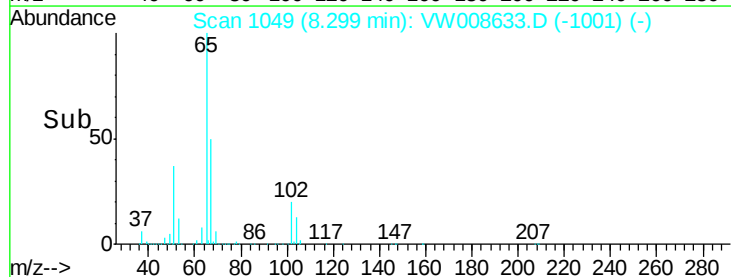
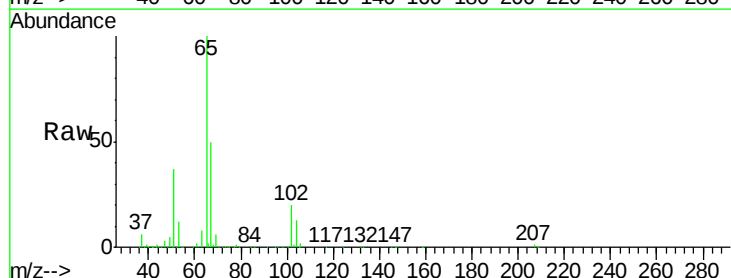
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-J

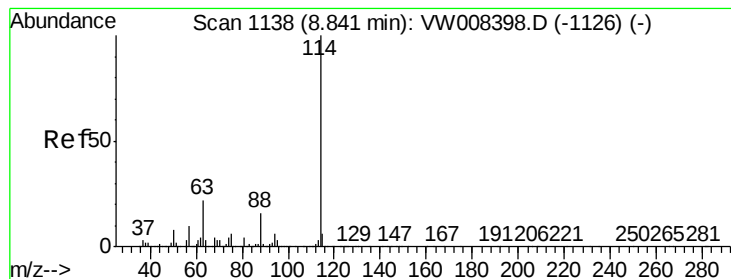
Tot Ion: 84 Resp: 15723
Ion Ratio Lower Upper
84 100
49 120.1 106.8 160.2
51 37.9 32.9 49.3
86 50.7 52.2 78.2#



#33
1,2-Dichloroethane-d4
Concen: 58.460 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008633.D
Acq: 12 Feb 2019 19:52

Tgt Ion: 65 Resp: 233337
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008633.D

Acq: 12 Feb 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-J

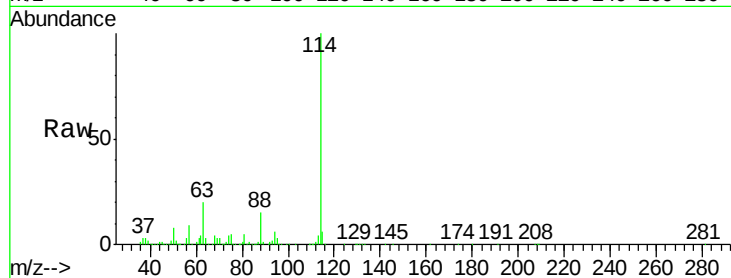
Tot Ion:114 Resp: 673172

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.6

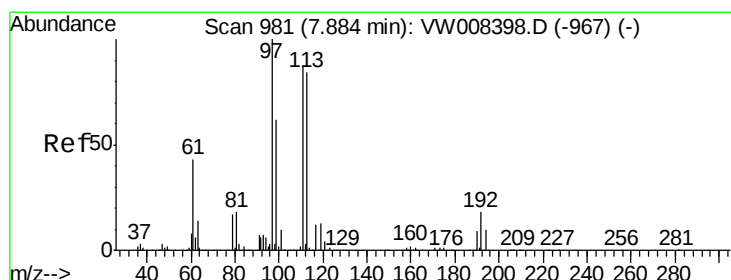
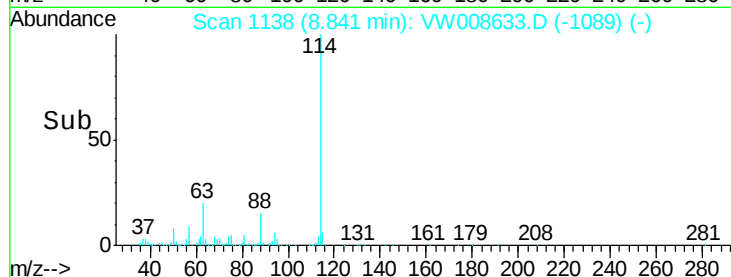
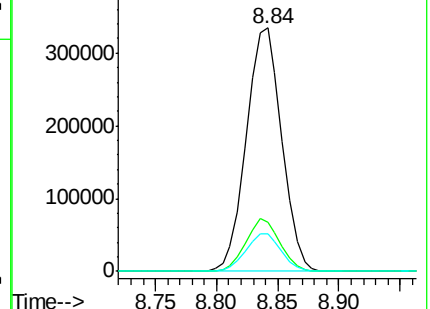
88 15.3 0.0 31.8



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: 53.252 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008633.D

Acq: 12 Feb 2019 19:52

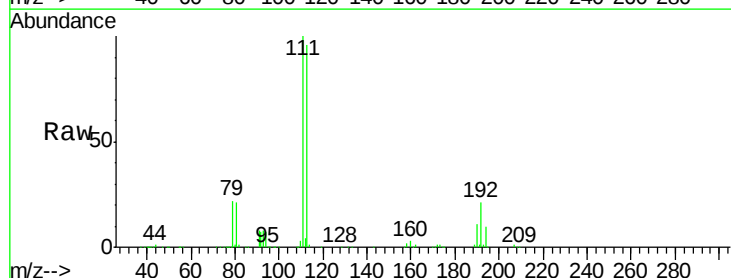
Tgt Ion:113 Resp: 209614

Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.4

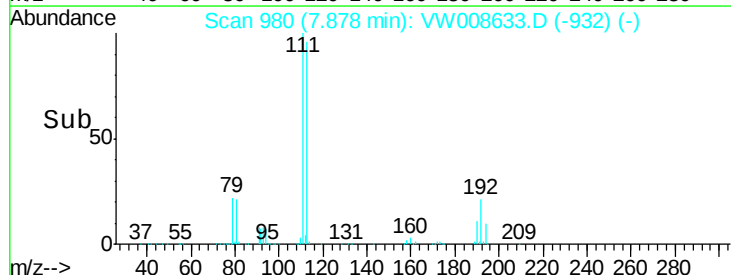
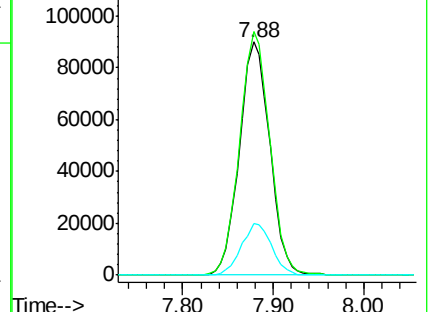
192 22.0 16.8 25.2

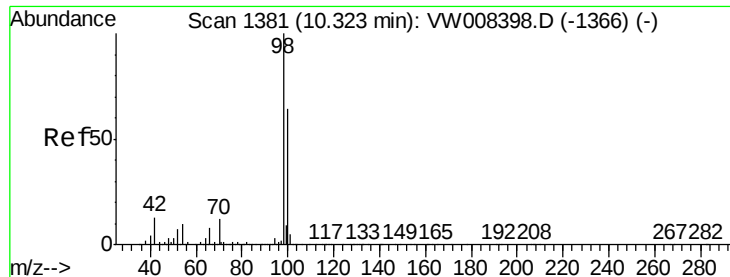


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.003 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008633.D

Acq: 12 Feb 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

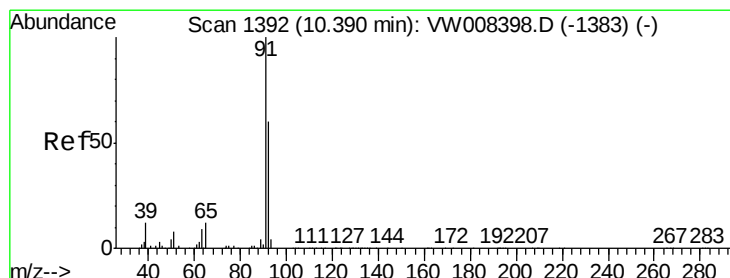
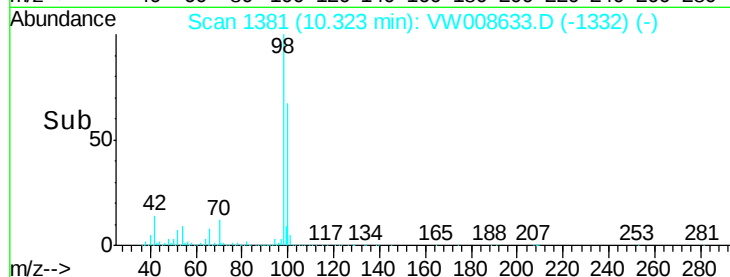
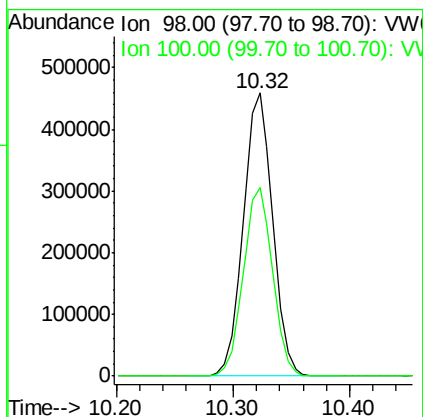
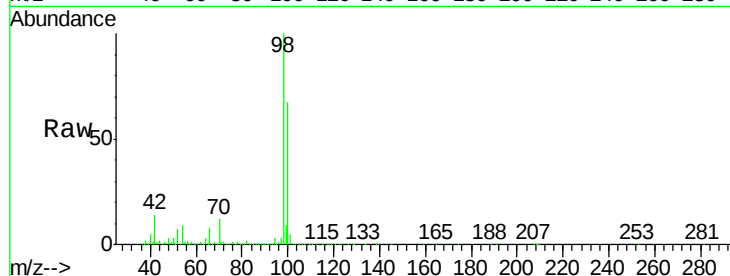
JC-02-021119-J

Tot Ion: 98 Resp: 805069

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#52

Toluene

Concen: 1.788 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008633.D

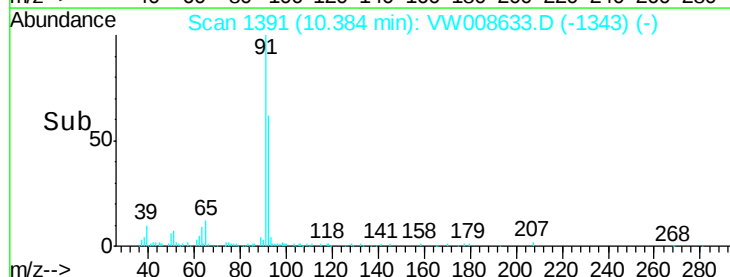
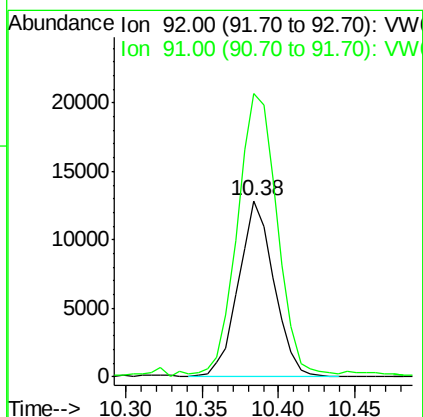
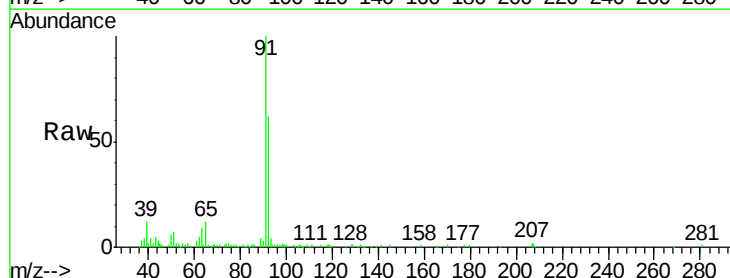
Acq: 12 Feb 2019 19:52

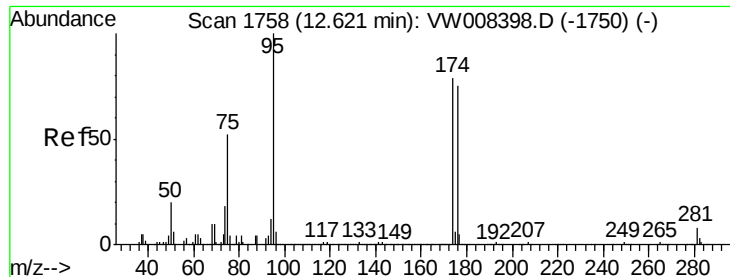
Tgt Ion: 92 Resp: 20828

Ion Ratio Lower Upper

92 100

91 174.1 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 48.706 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008633.D

Acq: 12 Feb 2019 19:52

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-J

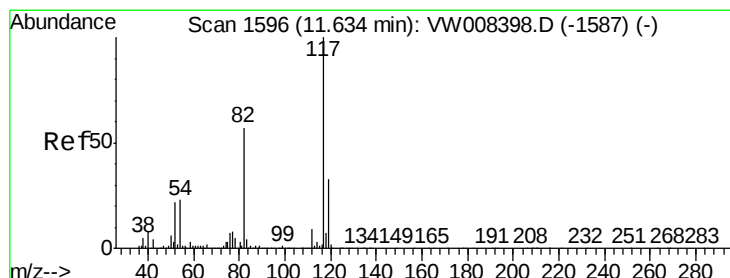
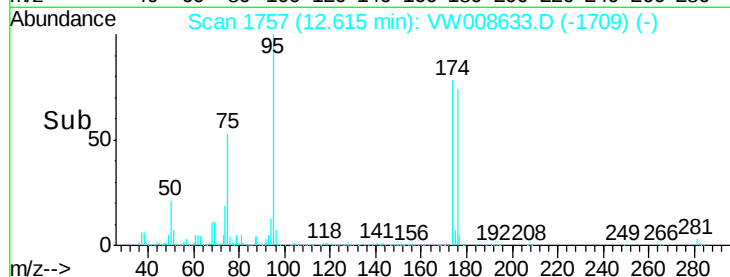
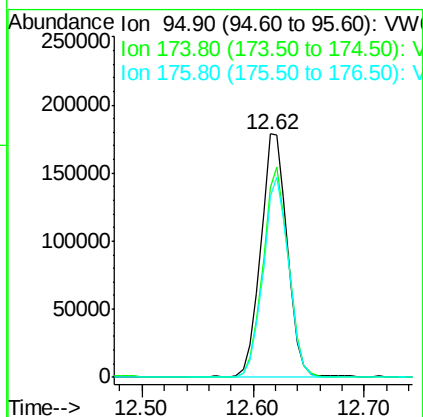
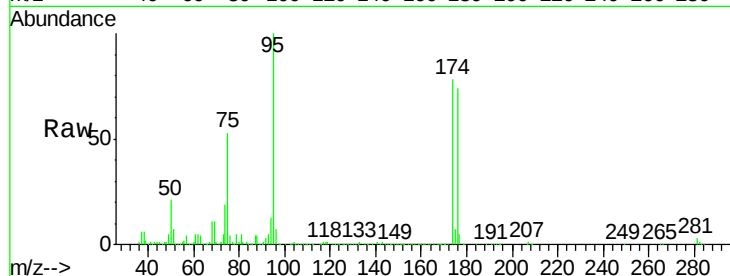
Tot Ion: 95 Resp: 295514

Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.6

176 79.7 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008633.D

Acq: 12 Feb 2019 19:52

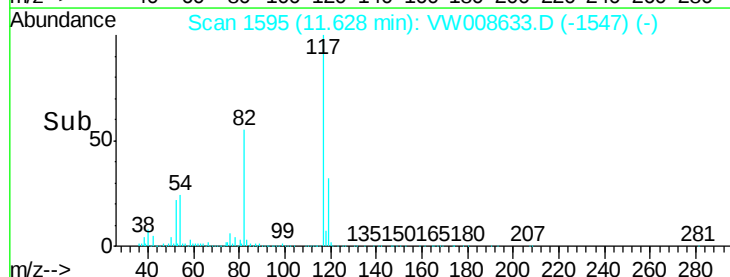
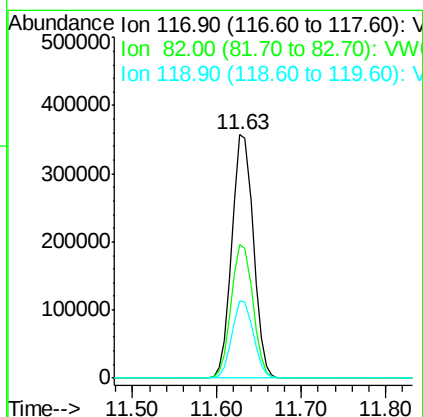
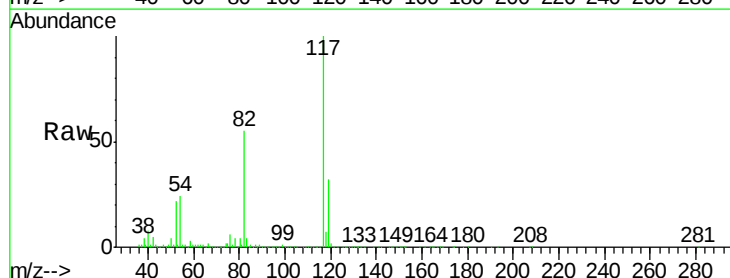
Tgt Ion: 117 Resp: 612643

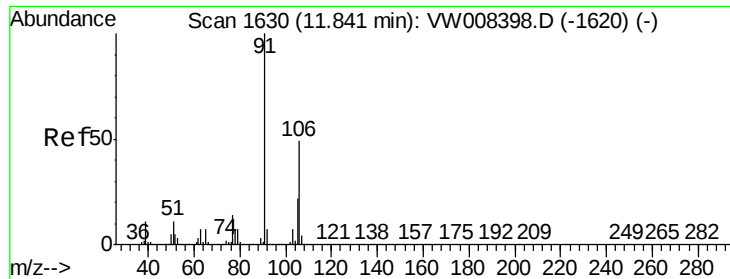
Ion Ratio Lower Upper

117 100

82 54.7 45.4 68.0

119 31.9 26.2 39.4

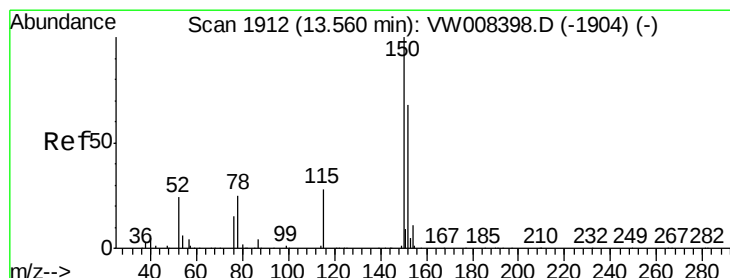
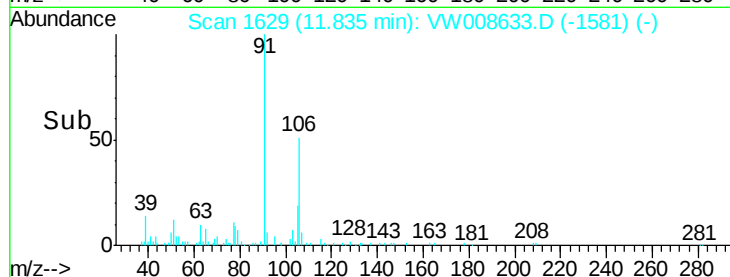
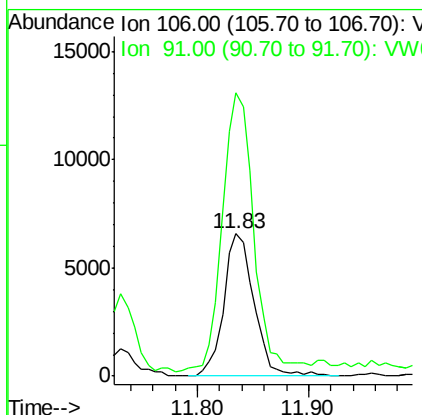
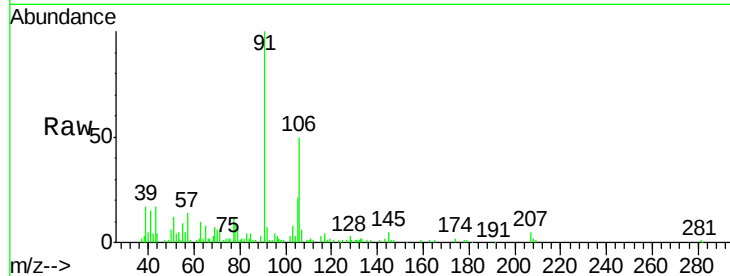




#68
m/p-Xvlenes
Concen: 1.390 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008633.D
Acq: 12 Feb 2019 19:52

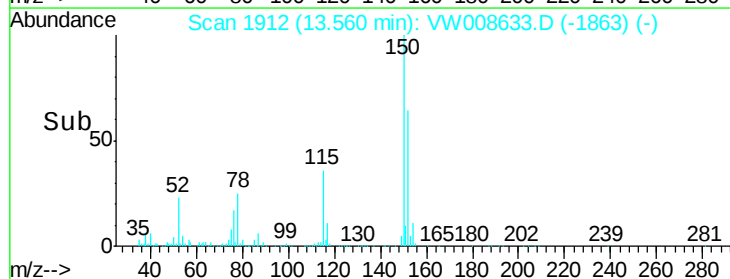
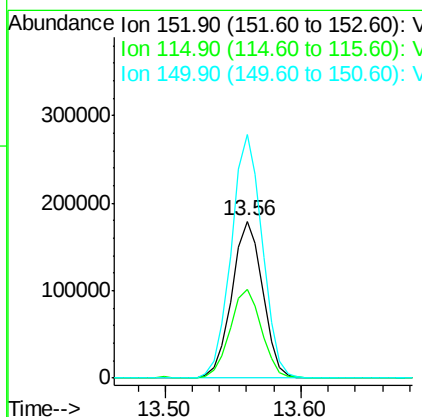
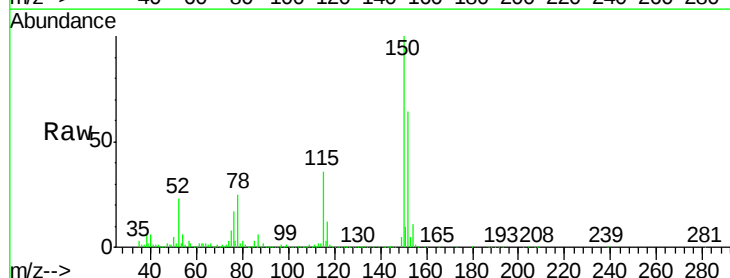
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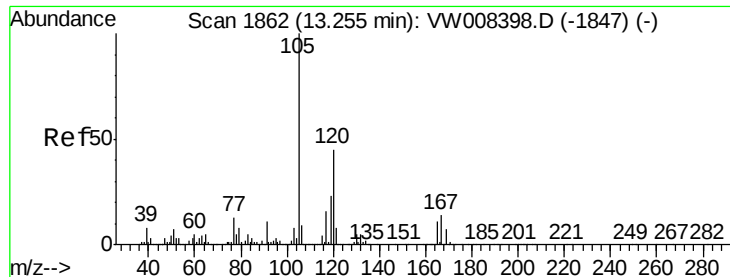
Tot Ion:106 Resp: 12401
Ion Ratio Lower Upper
106 100
91 205.1 162.9 244.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008633.D
Acq: 12 Feb 2019 19:52

Tgt Ion:152 Resp: 282734
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.7
150 155.9 0.0 351.4

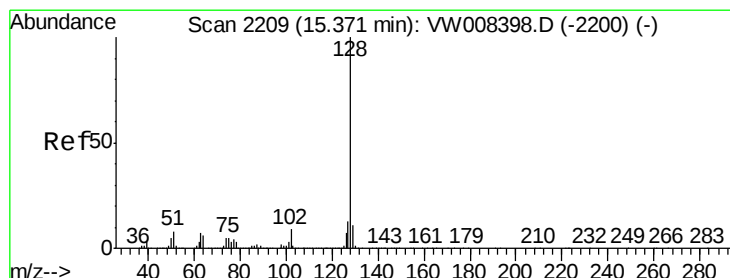
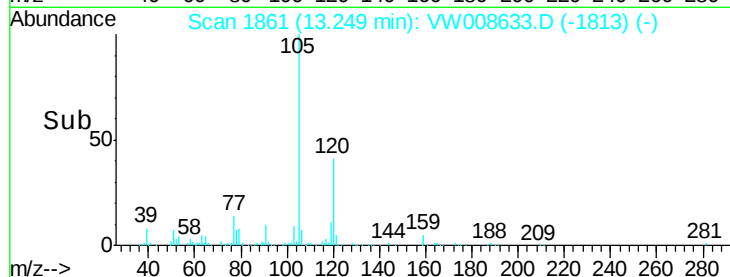
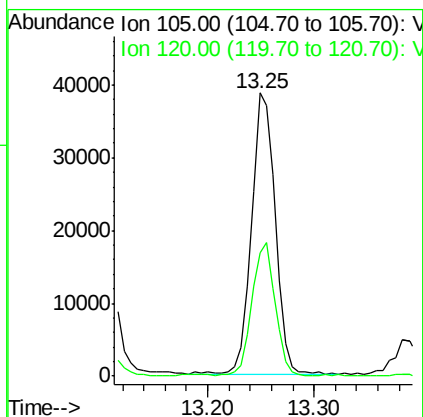
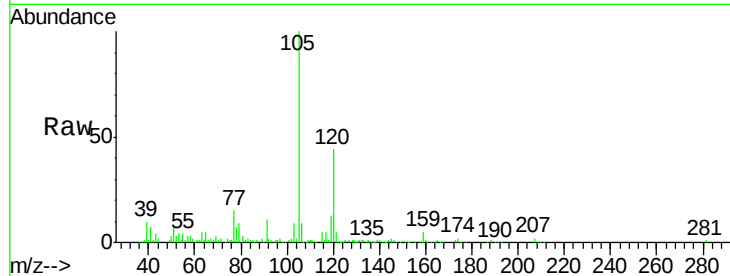




#84
 1,2,4-Trimethylbenzene
 Concen: 3.375 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008633.D
 Acq: 12 Feb 2019 19:52

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

Tot Ion:105 Resp: 60441
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#95
 Naphthalene
 Concen: 4.006 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008633.D
 Acq: 12 Feb 2019 19:52

Tgt Ion:128 Resp: 41295
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.6 15.8
 129 7.8 8.7 13.1#

