

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008627.D
 Acq On : 12 Feb 2019 17:11
 Operator : SY/VA
 Sample : K1343-07RE
 Misc : 7.37G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 13 05:53:23 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

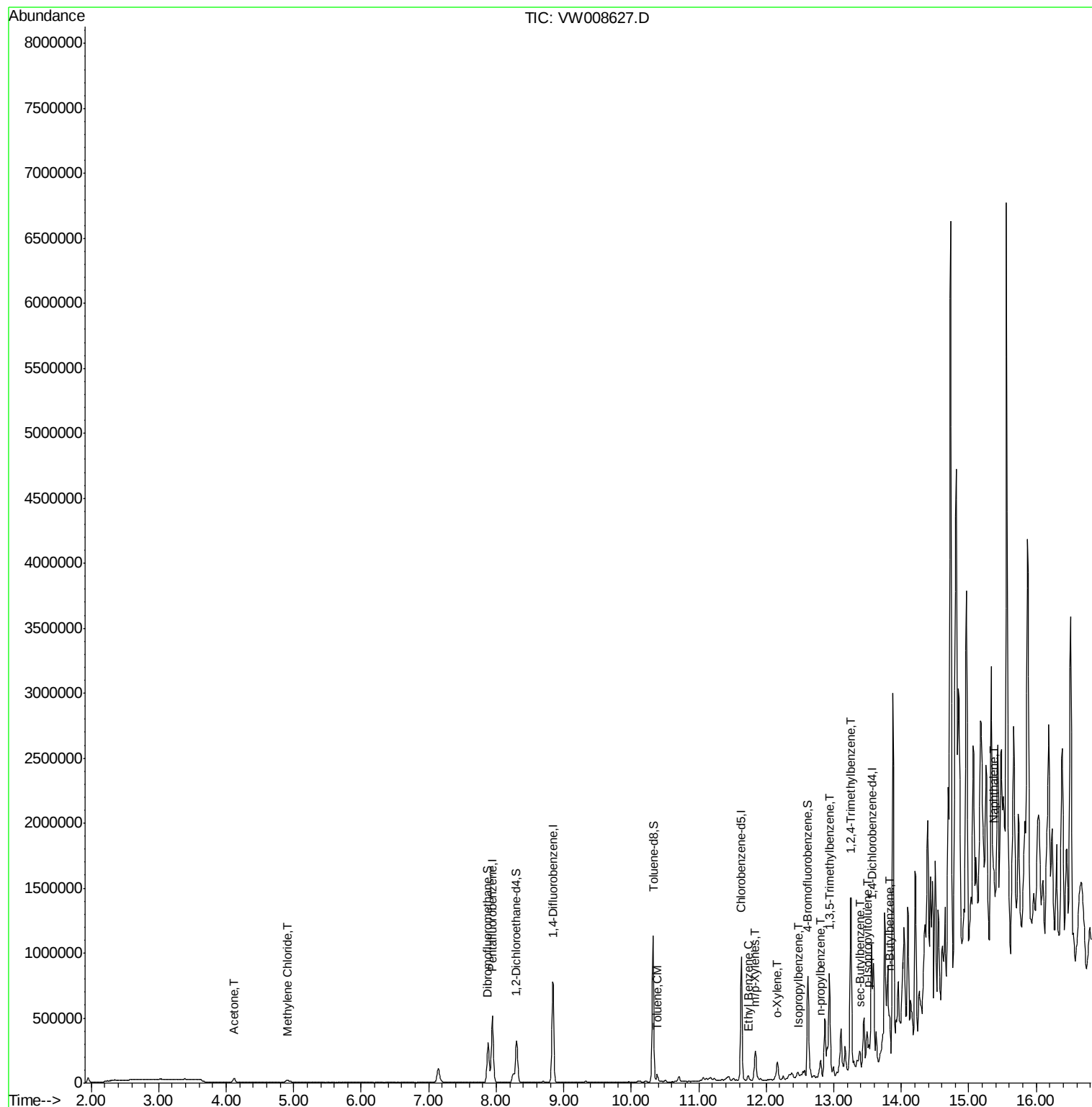
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	387181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	657371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	509536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	237931	62.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.10%	
35) Dibromofluoromethane	7.88	113	209955	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	725679	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.62	95	216165	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	49303	57.720	ug/l	100
20) Methylene Chloride	4.90	84	16357	4.155	ug/l	91
52) Toluene	10.38	92	24517	2.155	ug/l	94
67) Ethyl Benzene	11.73	91	24382	1.275	ug/l	93
68) m/p-Xylenes	11.84	106	47028	6.339	ug/l	97
69) o-Xylene	12.17	106	36434	5.169	ug/l	95
73) Isopropylbenzene	12.47	105	23889	1.830	ug/l	96
78) n-propylbenzene	12.80	91	94810	6.046	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	152050	13.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	723720	65.250	ug/l	98
85) sec-Butylbenzene	13.38	105	73087	5.270	ug/l	85
86) p-Isopropyltoluene	13.50	119	58221	4.793	ug/l	100
89) n-Butylbenzene	13.83	91	158307	13.273	ug/l #	81
95) Naphthalene	15.37	128	257411	40.321	ug/l #	95

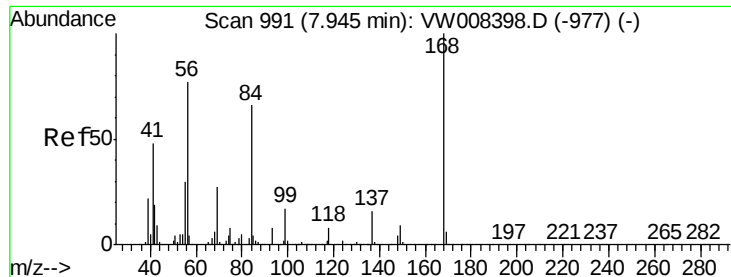
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

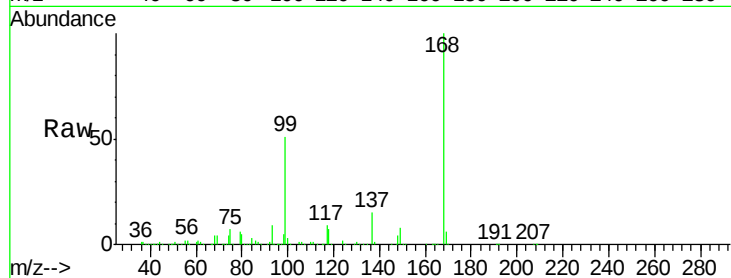
JC-02-021119-DRE

Tot Ion:168 Resp: 387181

Ion Ratio Lower Upper

168 100

99 51.4 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

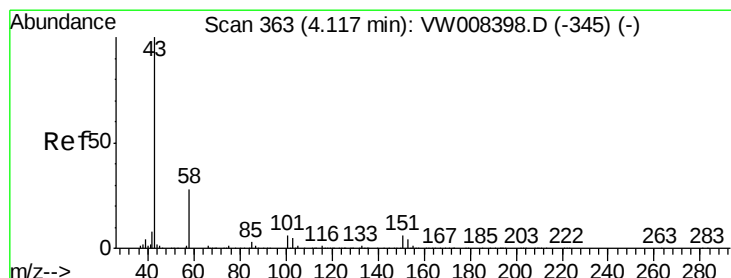
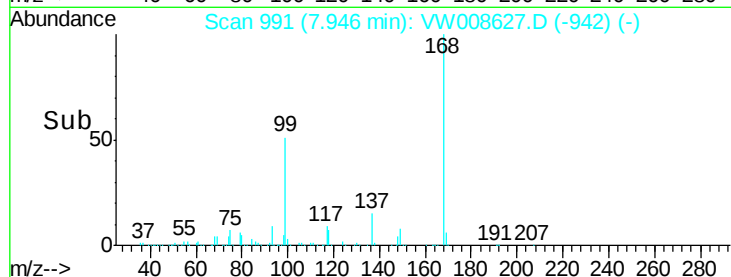
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 57.720 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008627.D

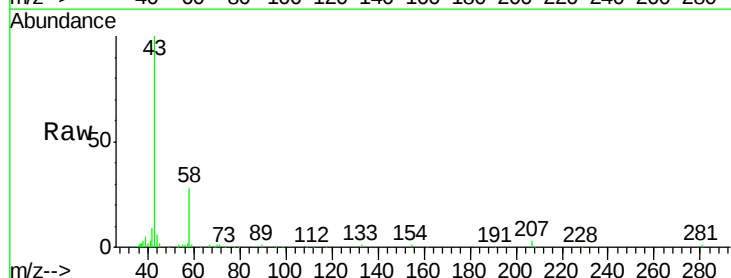
Acq: 12 Feb 2019 17:11

Tgt Ion: 43 Resp: 49303

Ion Ratio Lower Upper

43 100

58 28.6 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

20000

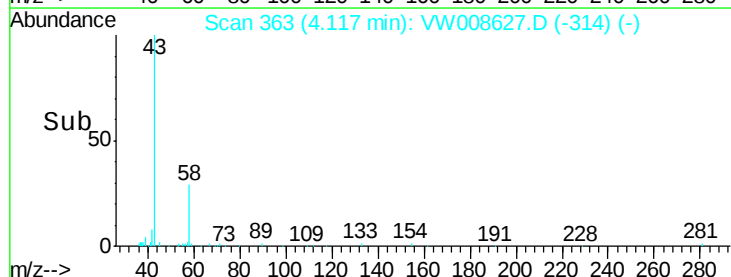
15000

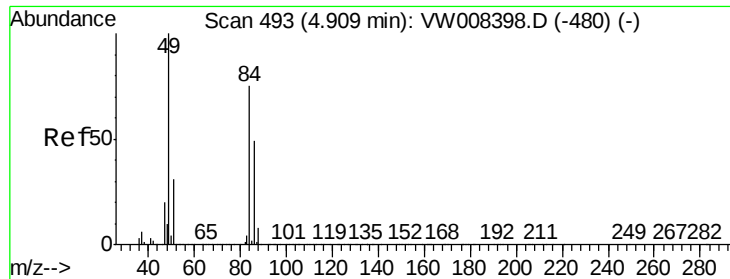
10000

5000

0

Time--> 4.00 4.05 4.10 4.15 4.20

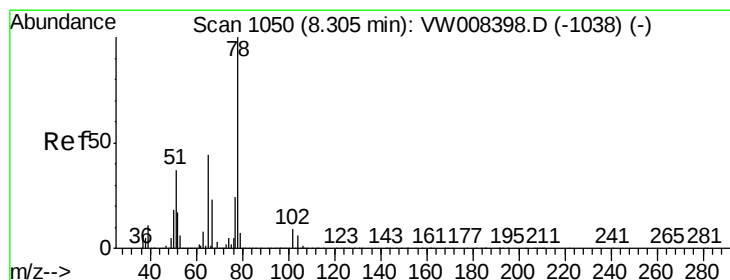
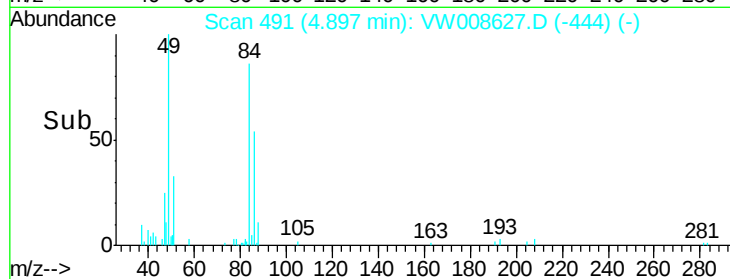
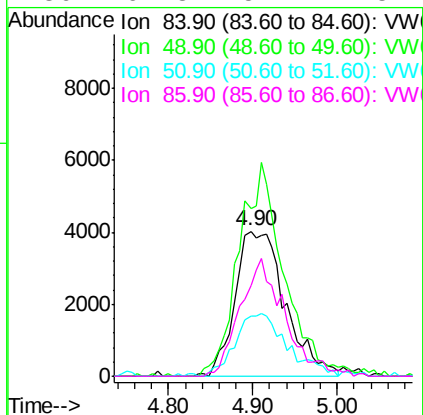
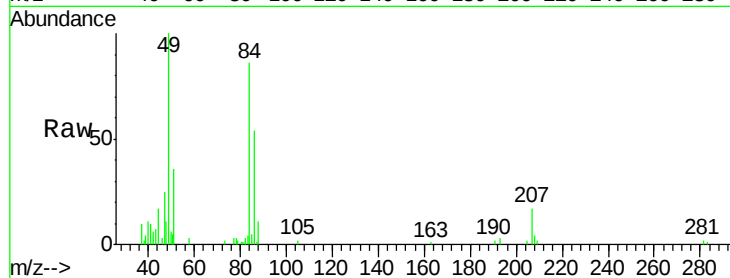




#20
Methvlene Chloride
Concen: 4.155 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

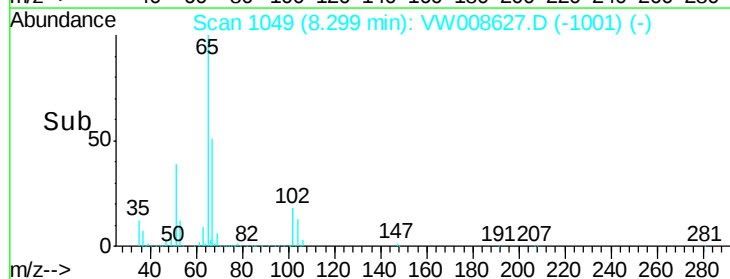
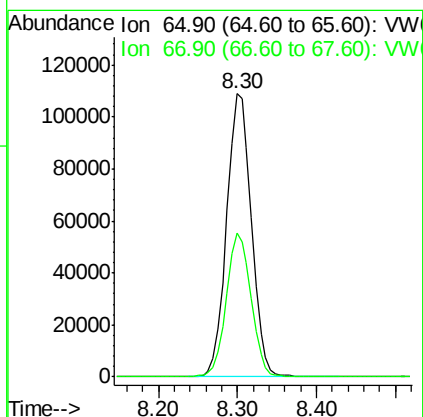
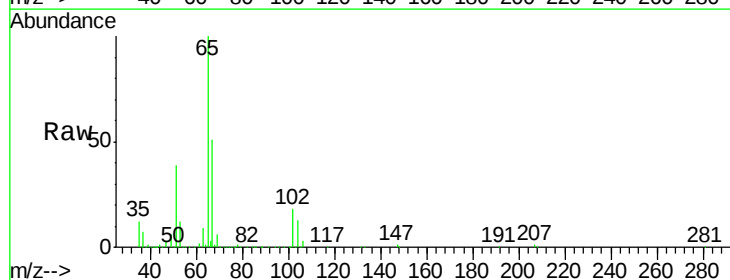
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-DRE

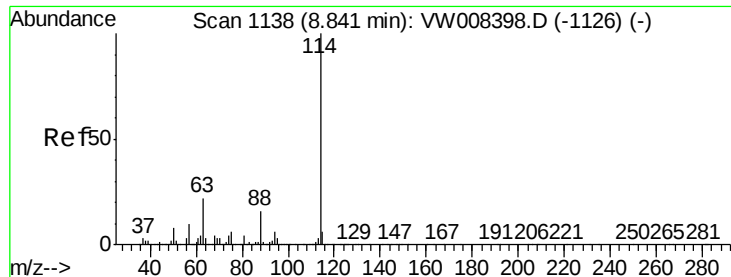
Tot Ion:	84	Resp:	16357
Ion	Ratio	Lower	Upper
84	100		
49	115.9	106.8	160.2
51	41.2	32.9	49.3
86	62.8	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 62.553 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:	65	Resp:	237931
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-DRE

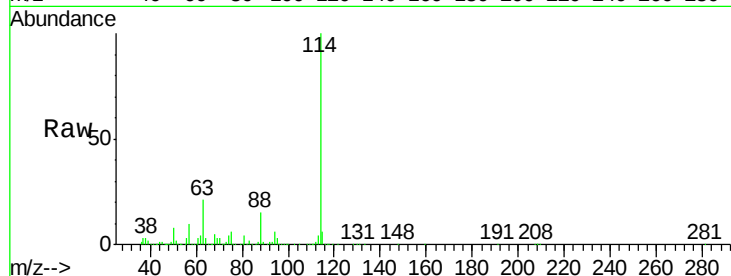
Tot Ion:114 Resp: 657371

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.6

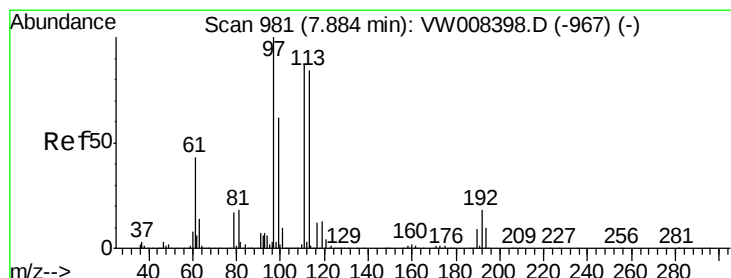
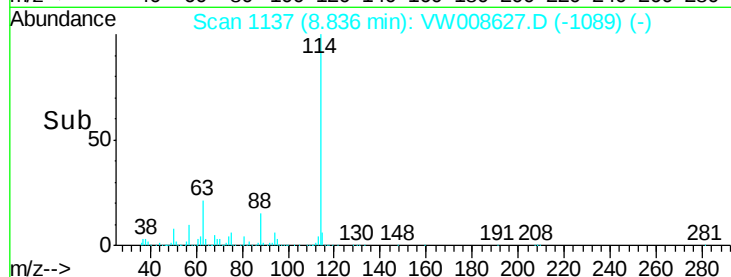
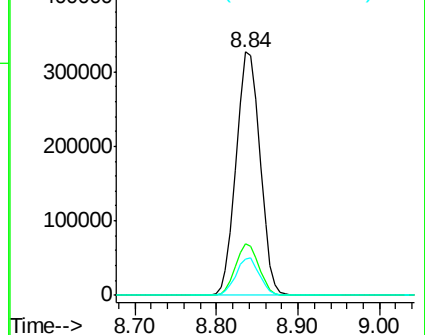
88 15.0 0.0 31.8



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: 54.621 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

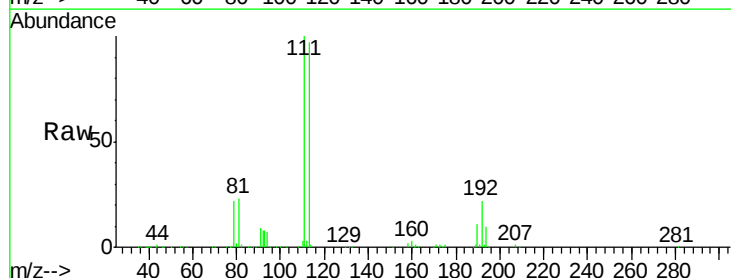
Tgt Ion:113 Resp: 209955

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

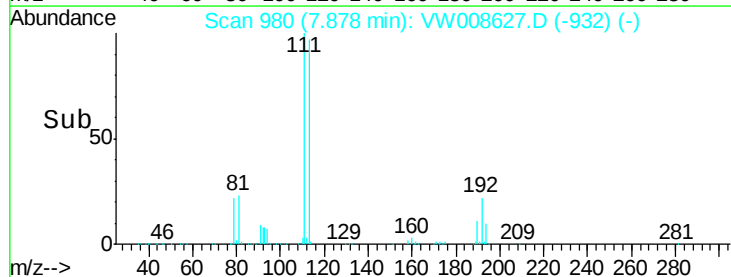
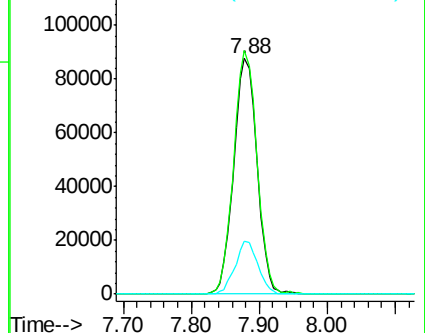
192 21.9 16.8 25.2

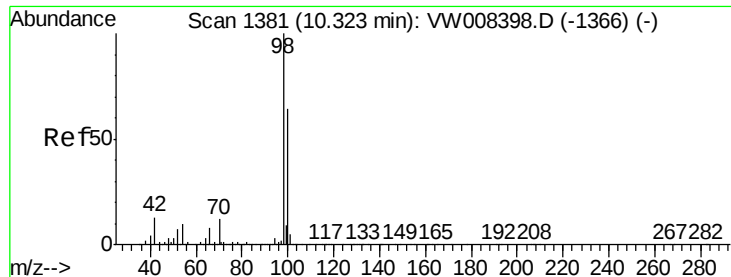


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

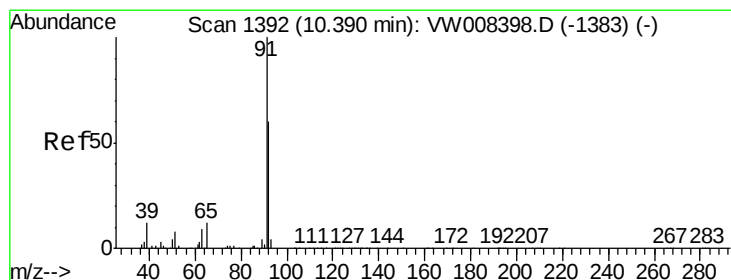
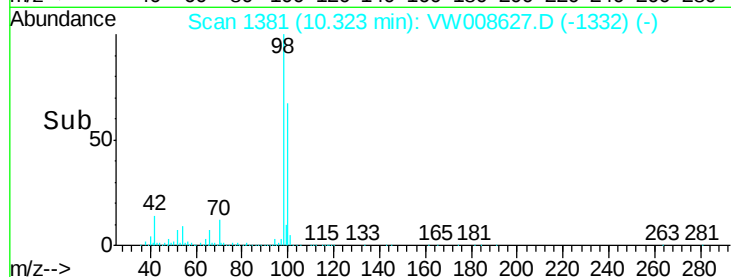
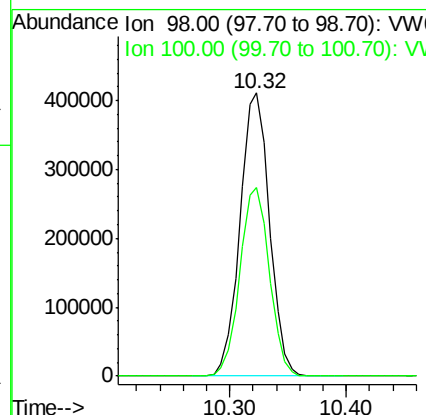
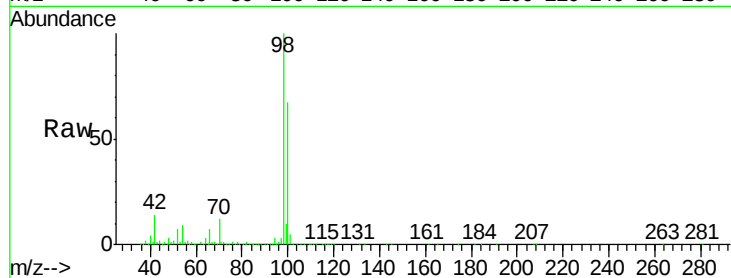
JC-02-021119-DRE

Tot Ion: 98 Resp: 725679

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



#52

Toluene

Concen: 2.155 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008627.D

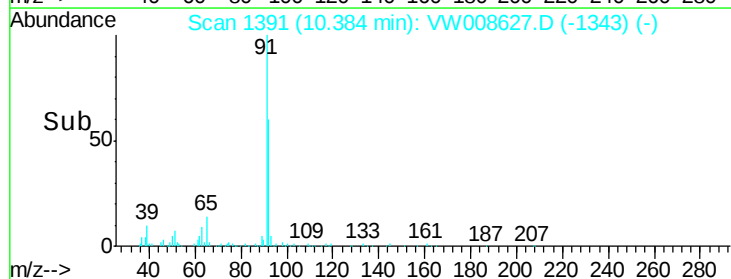
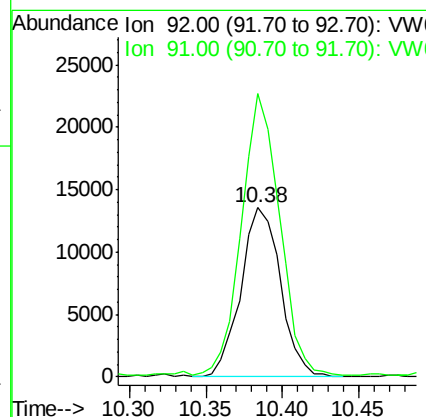
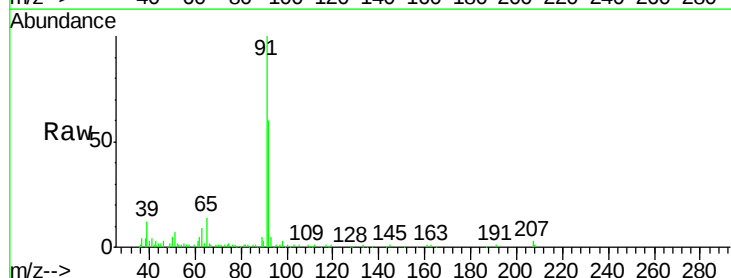
Acq: 12 Feb 2019 17:11

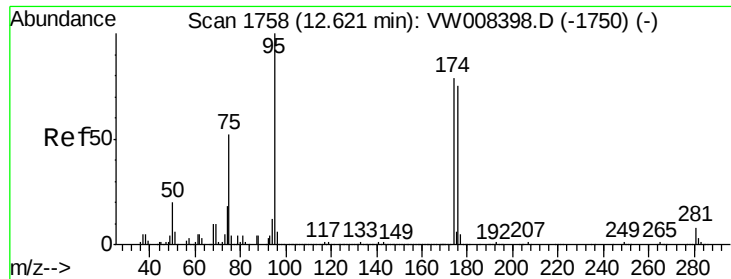
Tgt Ion: 92 Resp: 24517

Ion Ratio Lower Upper

92 100

91 160.6 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 36.484 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-DRE

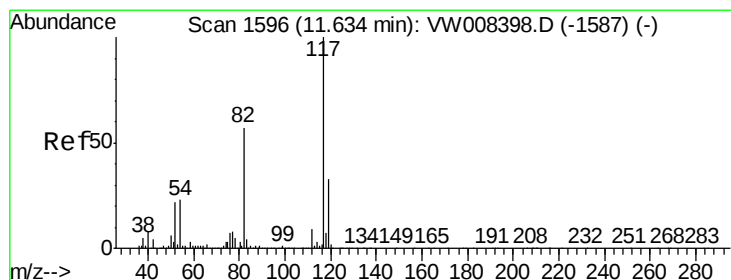
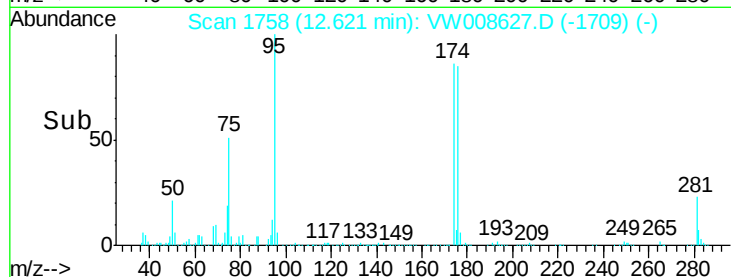
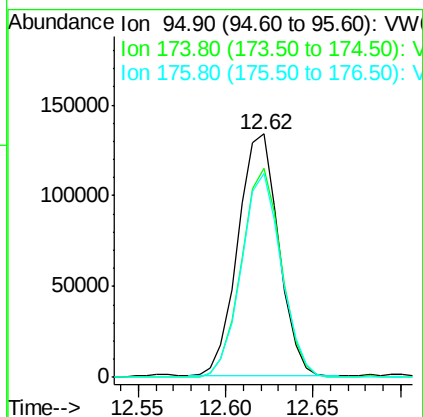
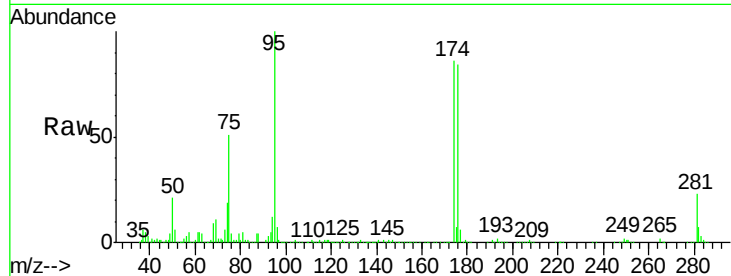
Tot Ion: 95 Resp: 216165

Ion Ratio Lower Upper

95 100

174 84.6 0.0 157.6

176 82.8 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: VW008627.D

Acq: 12 Feb 2019 17:11

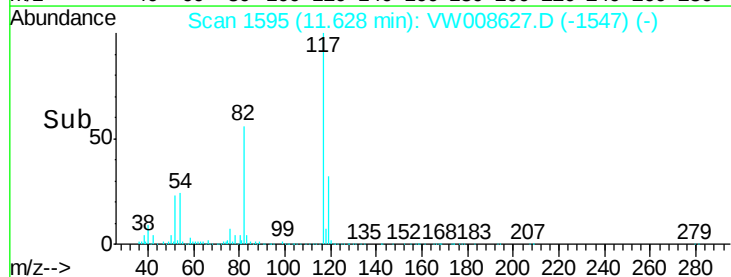
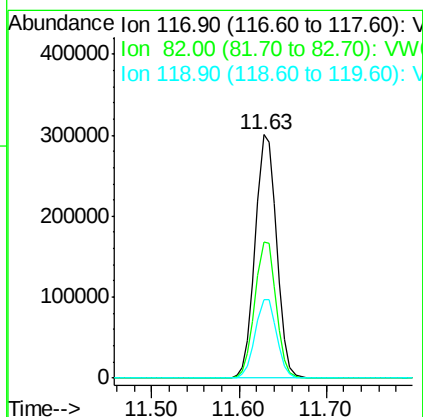
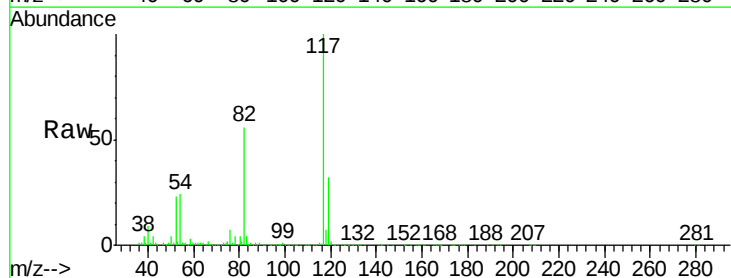
Tgt Ion: 117 Resp: 509536

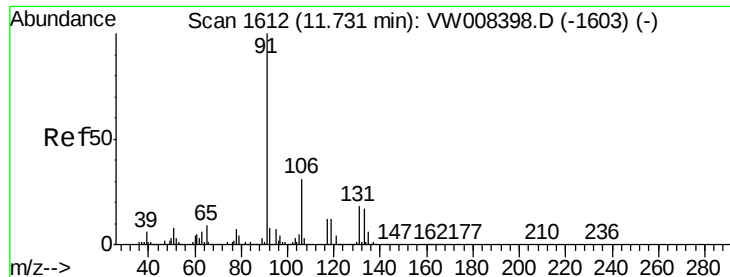
Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 32.2 26.2 39.4

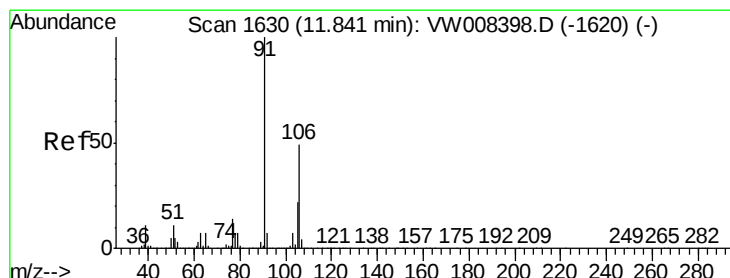
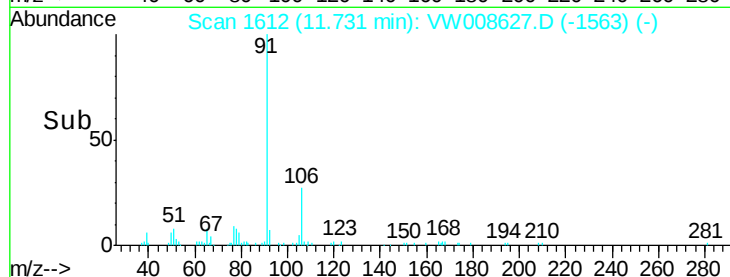
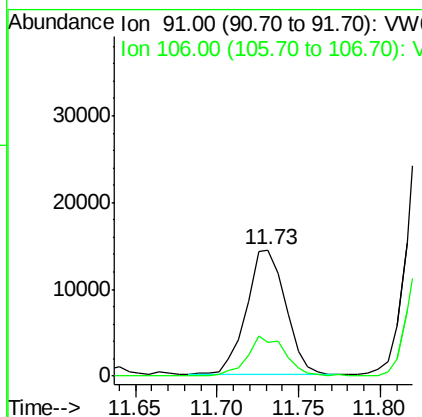
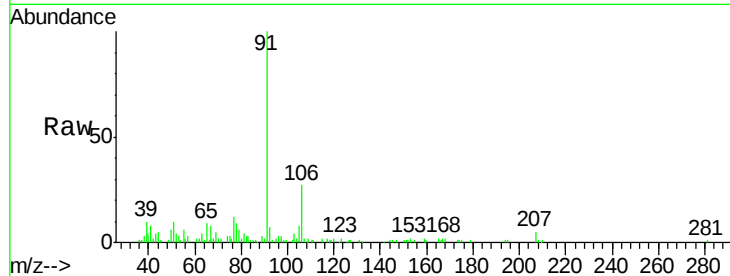




#67
Ethyl Benzene
Concen: 1.275 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

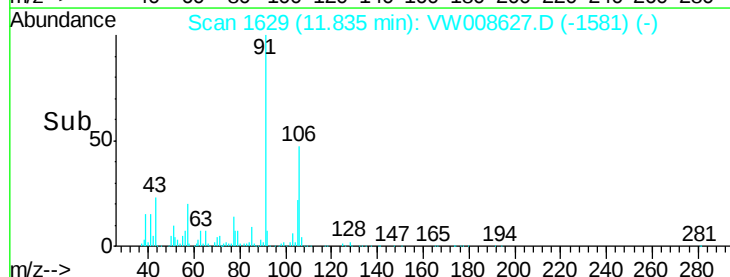
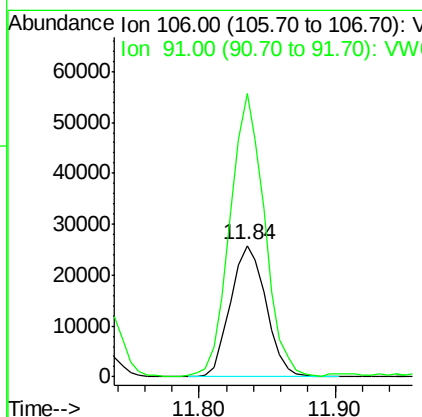
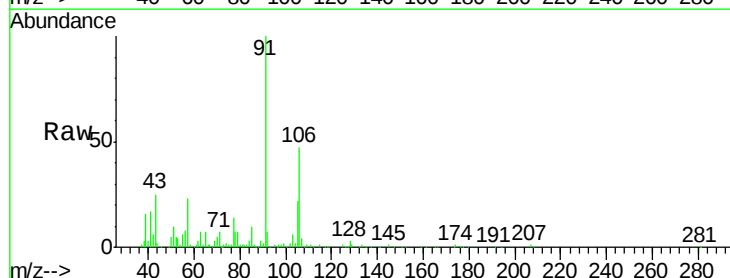
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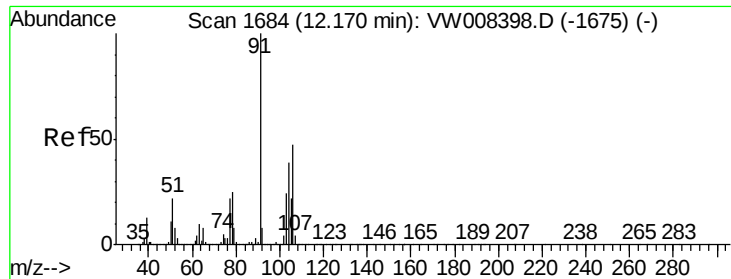
Tot Ion: 91 Resp: 24382
Ion Ratio Lower Upper
91 100
106 27.1 24.7 37.1



#68
m/p-Xylenes
Concen: 6.339 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 106 Resp: 47028
Ion Ratio Lower Upper
106 100
91 207.5 162.9 244.3

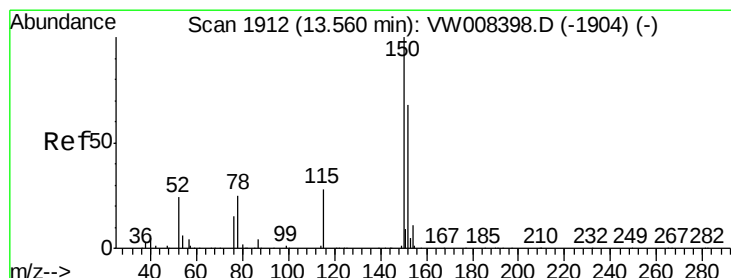
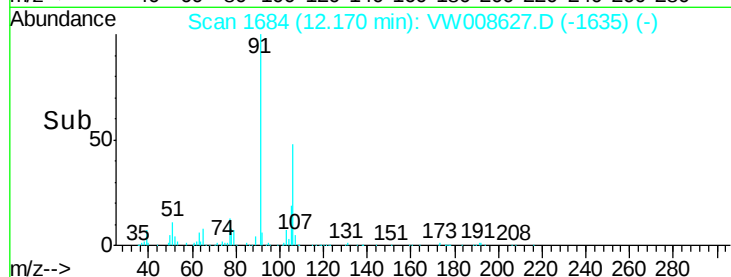
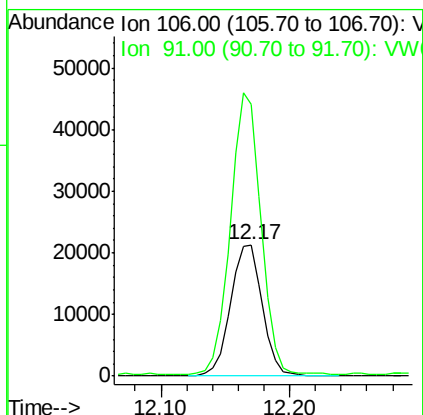
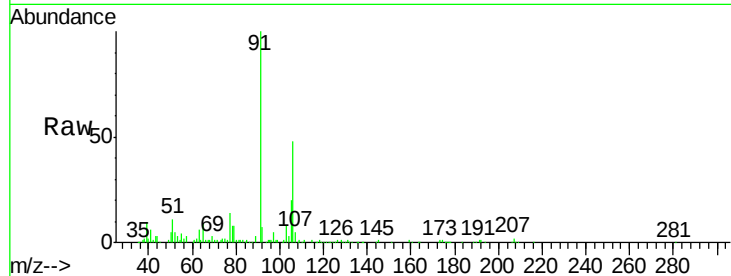




#69
o-Xylene
Concen: 5.169 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

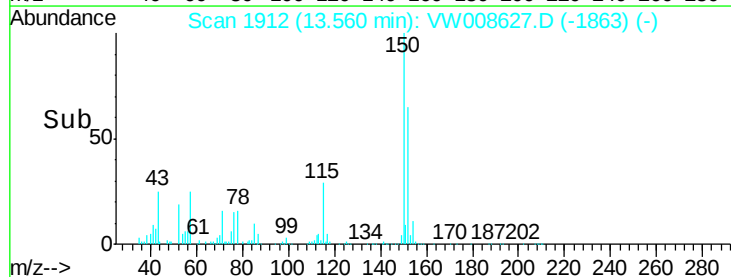
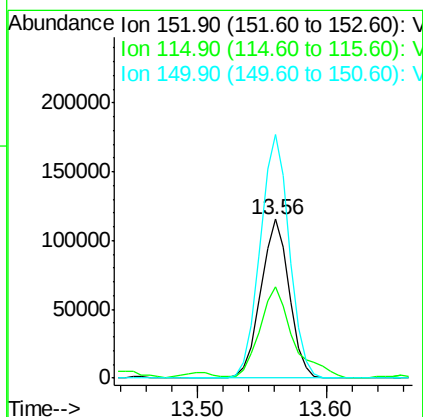
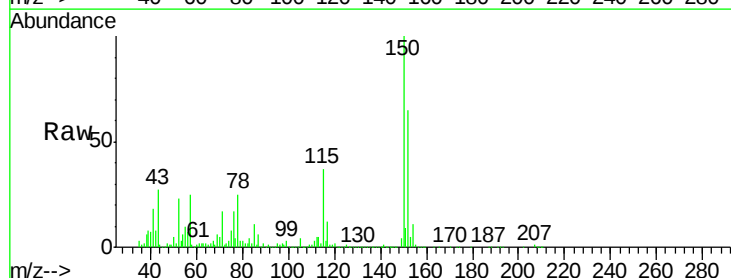
Instrument :
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JC-02-021119-DRE

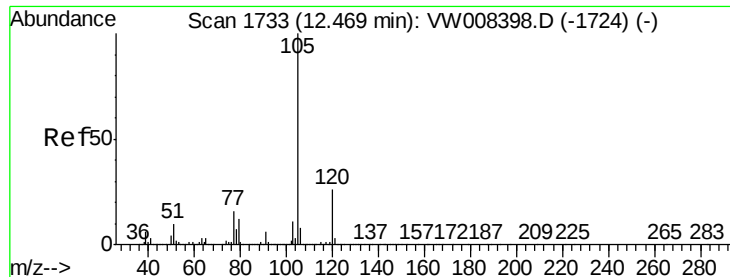
Tot Ion:106 Resp: 36434
Ion Ratio Lower Upper
106 100
91 207.1 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion:152 Resp: 175120
Ion Ratio Lower Upper
152 100
115 66.7 29.9 89.7
150 157.2 0.0 351.4





#73

Isopropylbenzene

Concen: 1.830 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

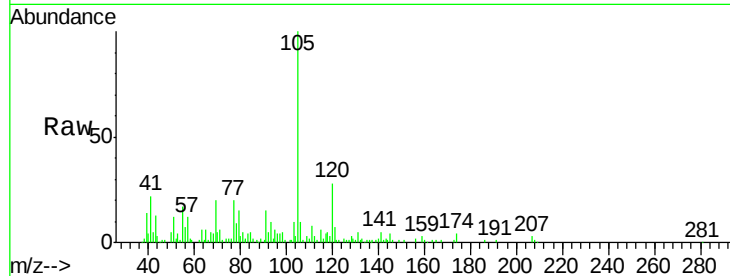
JC-02-021119-DRE

Tot Ion: 105 Resp: 23889

Ion Ratio Lower Upper

105 100

120 24.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

15000

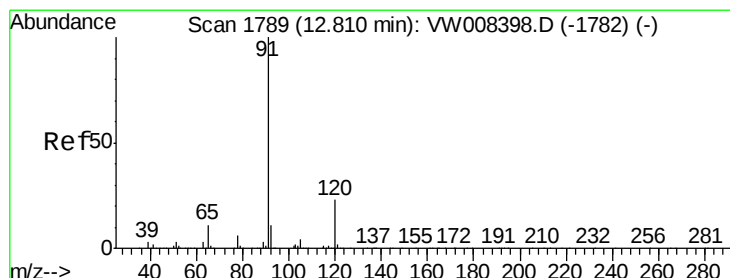
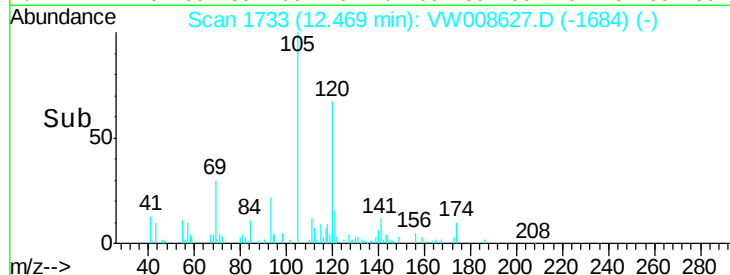
10000

5000

0

Time-->

12.40 12.50



#78

n-propylbenzene

Concen: 6.046 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008627.D

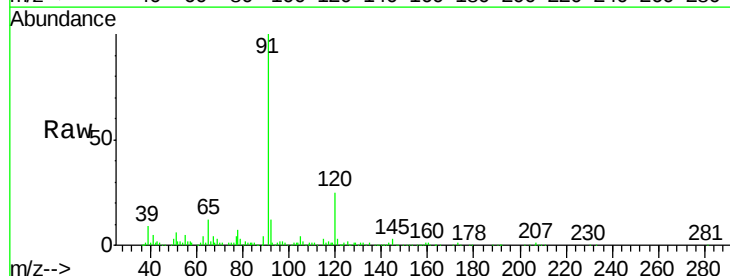
Acq: 12 Feb 2019 17:11

Tgt Ion: 91 Resp: 94810

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

60000

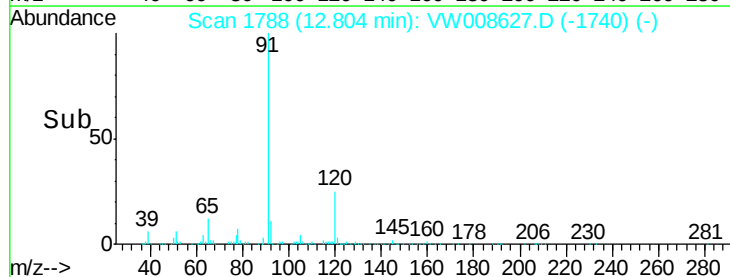
40000

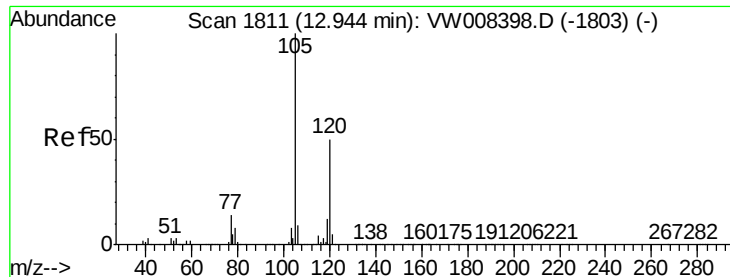
20000

0

Time-->

12.70 12.75 12.80 12.85





#80

1,3,5-Trimethylbenzene

Concen: 13.934 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008627.D

Acq: 12 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

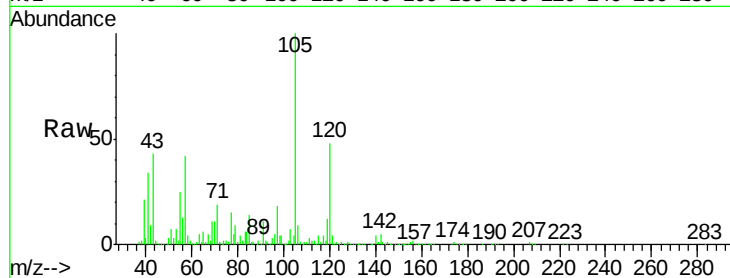
JC-02-021119-DRE

Tot Ion:105 Resp: 152050

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

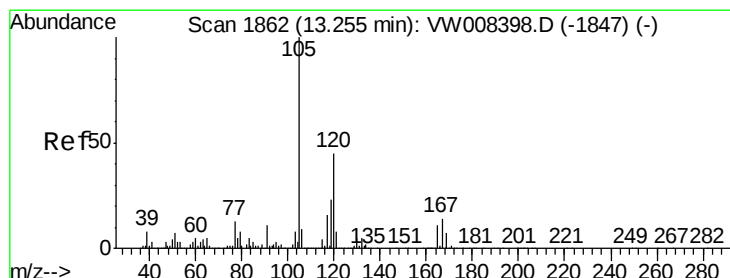
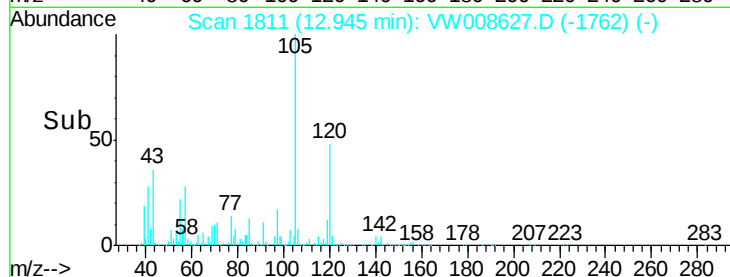
0

12.90

12.94

13.00

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 65.250 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008627.D

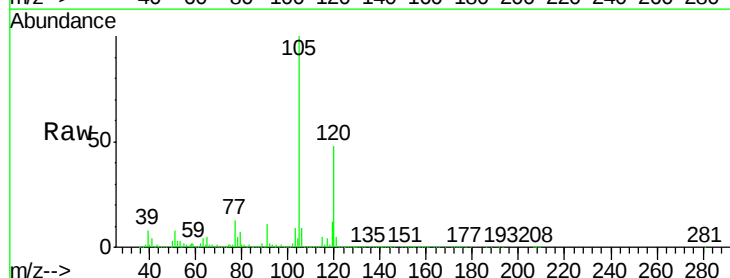
Acq: 12 Feb 2019 17:11

Tgt Ion:105 Resp: 723720

Ion Ratio Lower Upper

105 100

120 47.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

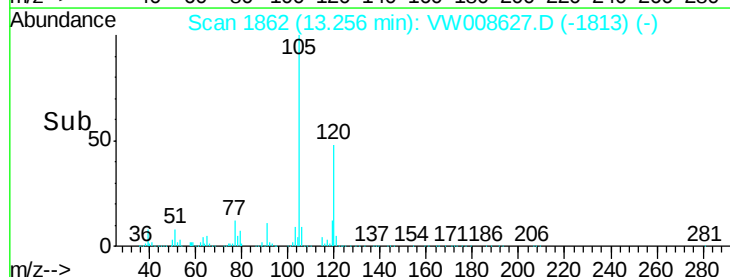
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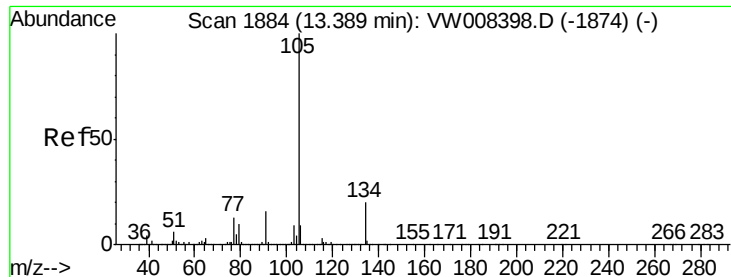
13.20

13.26

13.30

Time-->

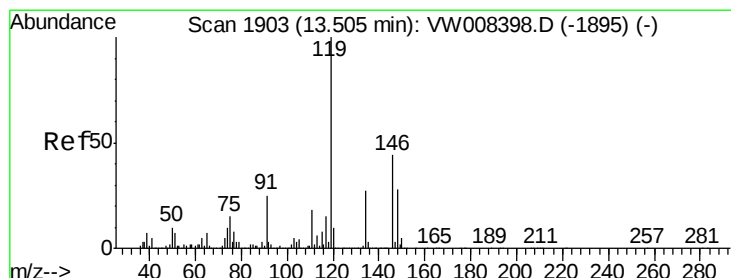
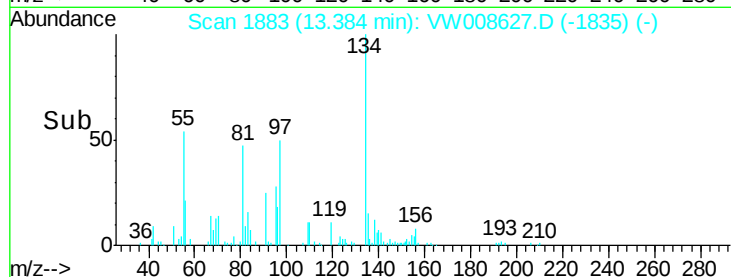
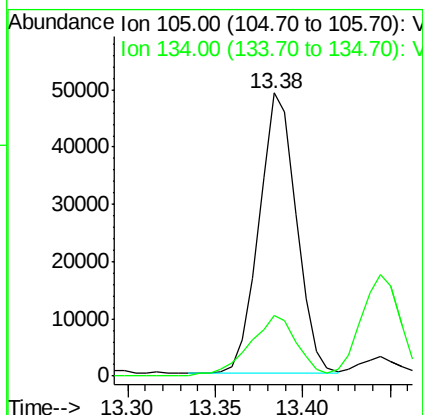
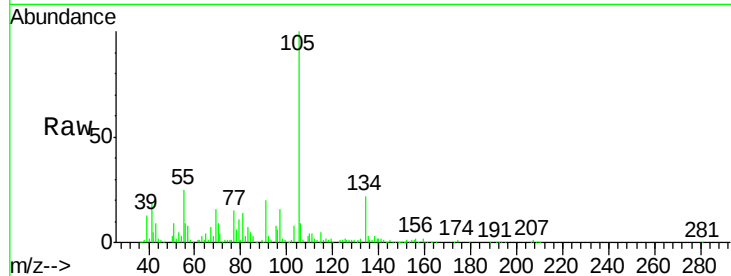




#85
 sec-Butylbenzene
 Concen: 5.270 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

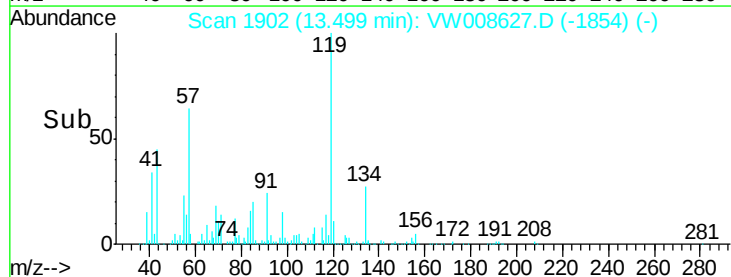
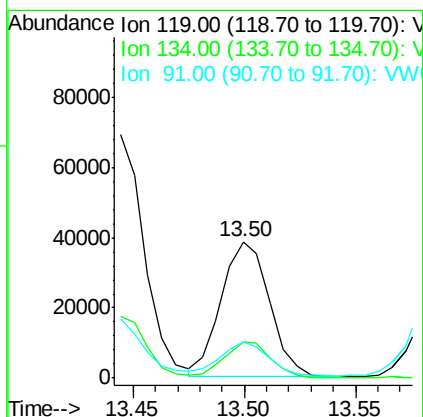
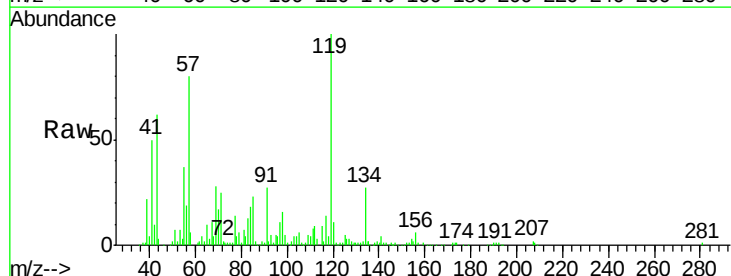
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-DRE

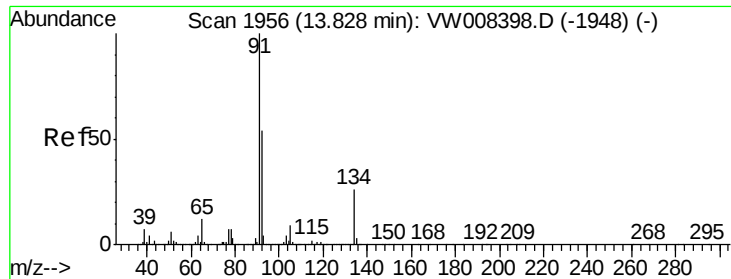
Tot Ion:105 Resp: 73087
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.793 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008627.D
 Acq: 12 Feb 2019 17:11

Tgt Ion:119 Resp: 58221
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 25.0 12.6 37.6

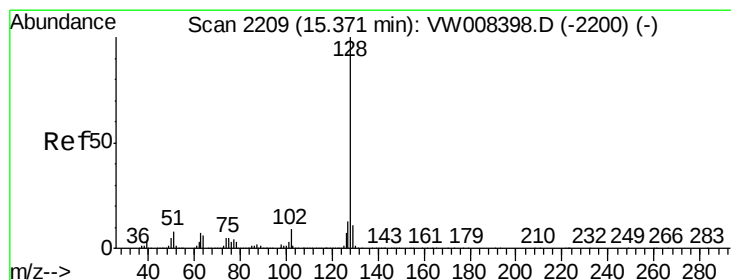
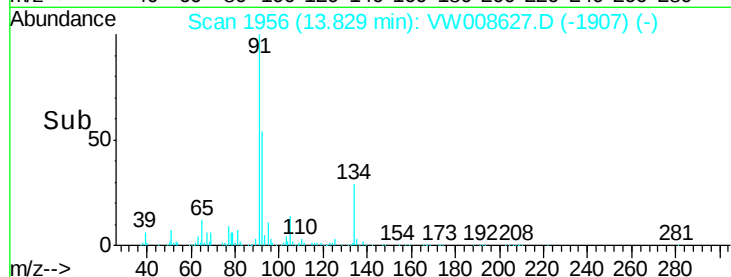
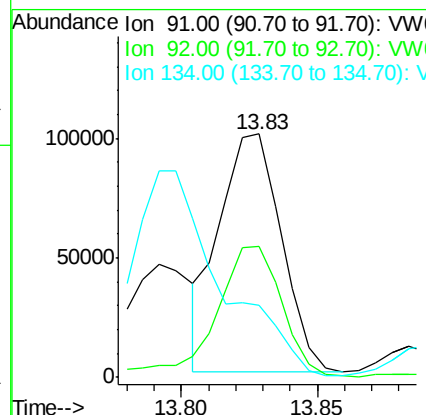
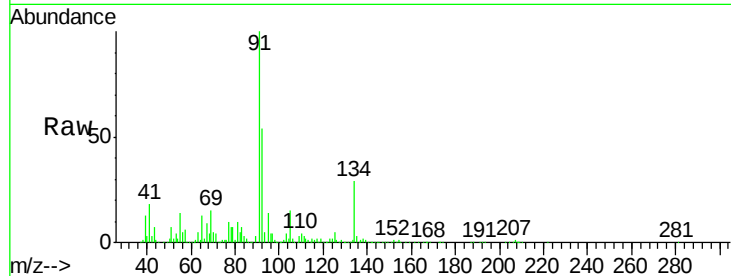




#89
n-Butylbenzene
Concen: 13.273 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

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

Tot Ion: 91 Resp: 158307
Ion Ratio Lower Upper
91 100
92 57.2 27.4 82.2
134 0.0 13.0 39.0#



#95
Naphthalene
Concen: 40.321 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008627.D
Acq: 12 Feb 2019 17:11

Tgt Ion: 128 Resp: 257411
Ion Ratio Lower Upper
128 100
127 11.7 10.6 15.8
129 8.6 8.7 13.1#

