

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008976.D
 Acq On : 04 Mar 2019 22:50
 Operator : SY/VA
 Sample : K1688-07
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-D

Quant Time: Mar 05 07:20:16 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

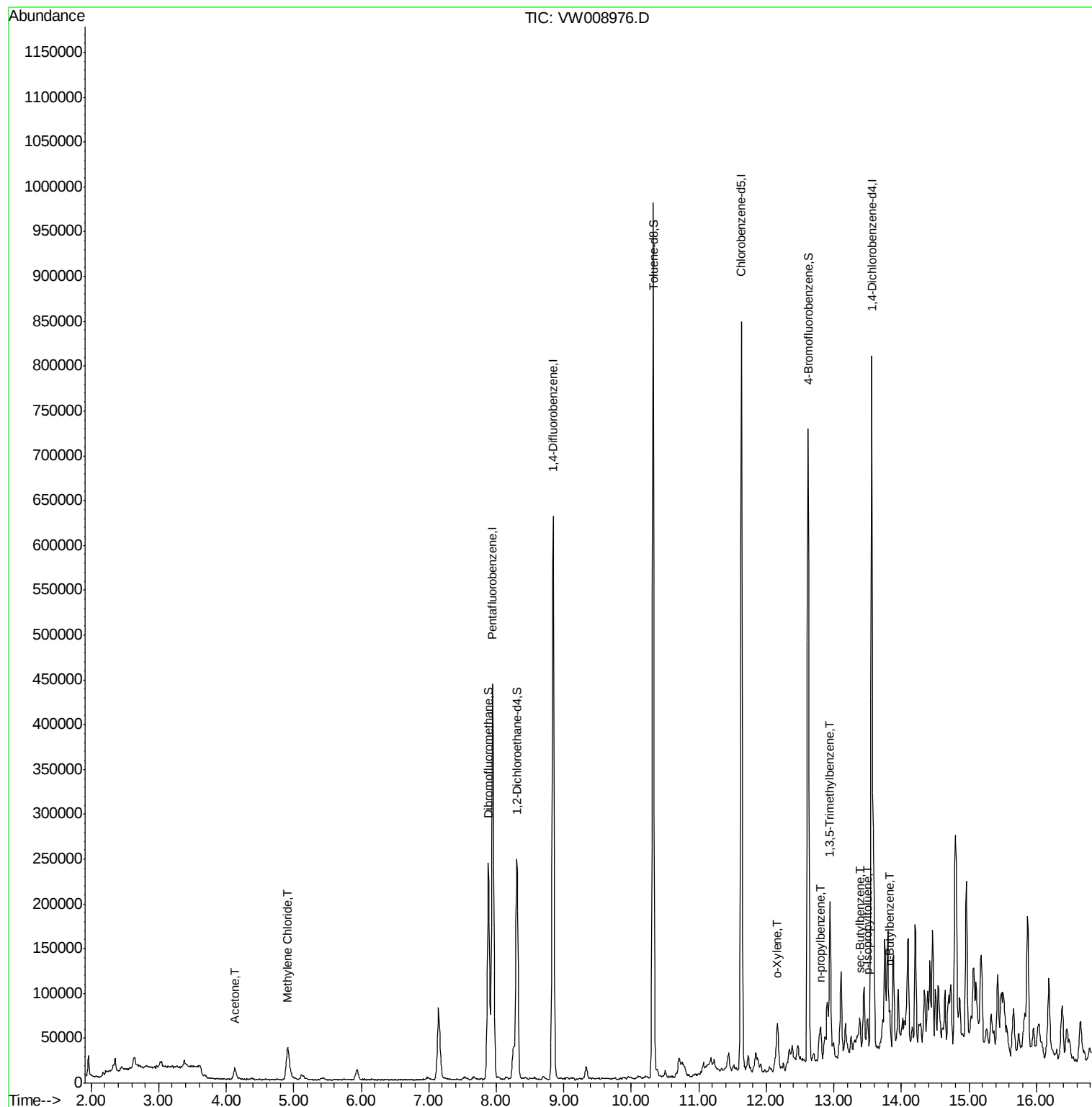
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	329022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	194674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184455	59.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.54%	
35) Dibromofluoromethane	7.88	113	160253	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.32	98	609696	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.62	95	203191	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds						
16) Acetone	4.13	43	23126	32.331	ug/l	98
20) Methylene Chloride	4.92	84	26909	2.815	ug/l	87
69) o-Xylene	12.16	106	13247	2.078	ug/l	93
78) n-propylbenzene	12.80	91	27104	1.660	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	69137	5.961	ug/l	98
85) sec-Butylbenzene	13.38	105	15199	1.054	ug/l #	67
86) p-Isopropyltoluene	13.50	119	16491	1.248	ug/l	92
89) n-Butylbenzene	13.83	91	19496	1.574	ug/l #	73

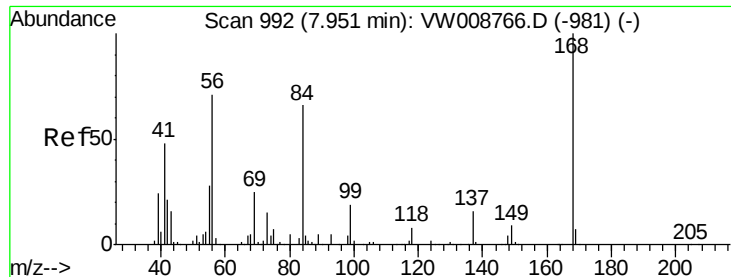
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW008976.D
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Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-D

Quant Time: Mar 05 07:20:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
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: VW008976.D

Acq: 04 Mar 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

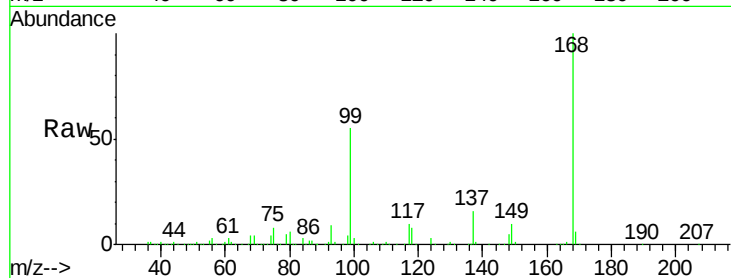
JC-03-030119-D

Tot Ion:168 Resp: 329022

Ion Ratio Lower Upper

168 100

99 55.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

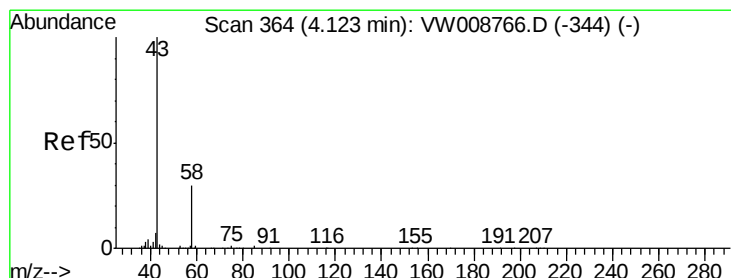
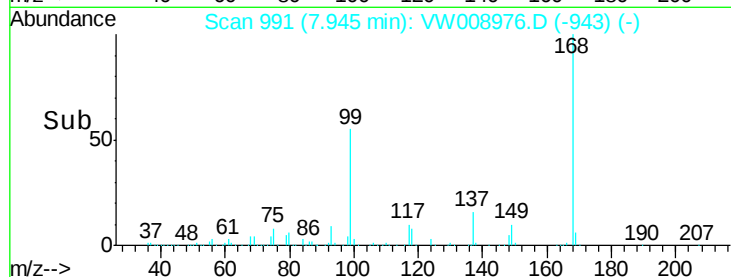
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.331 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008976.D

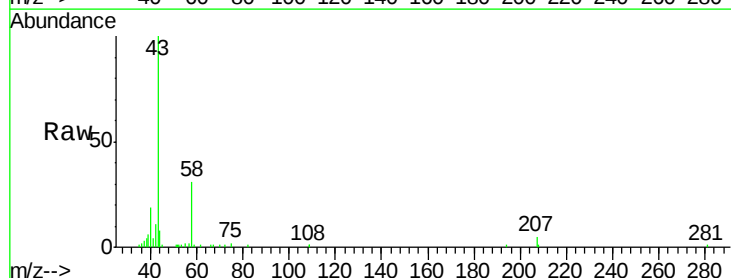
Acq: 04 Mar 2019 22:50

Tgt Ion: 43 Resp: 23126

Ion Ratio Lower Upper

43 100

58 30.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

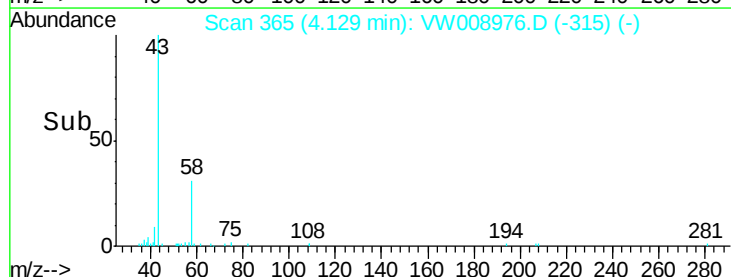
6000

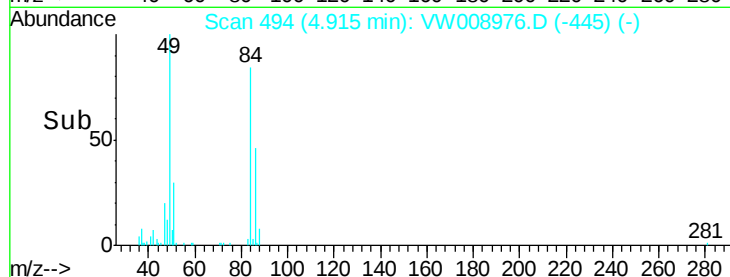
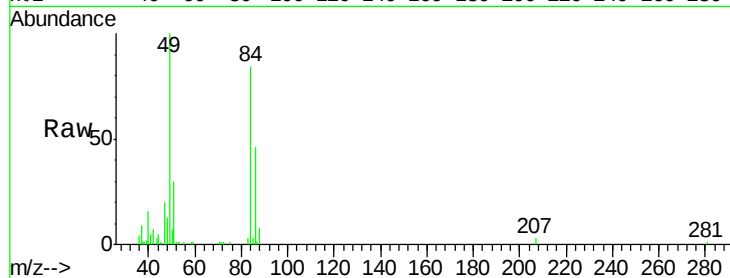
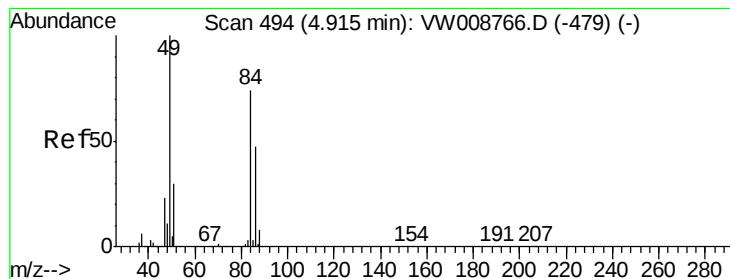
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.815 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008976.D

Acq: 04 Mar 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-D

Tot Ion: 84 Resp: 26909

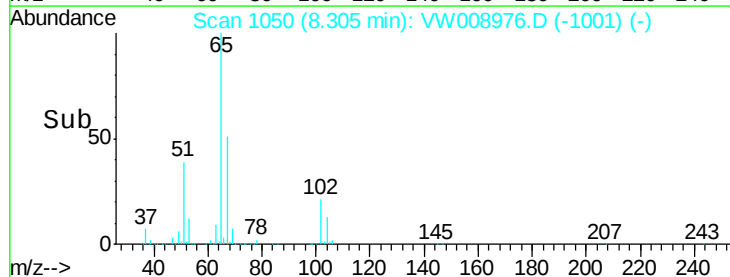
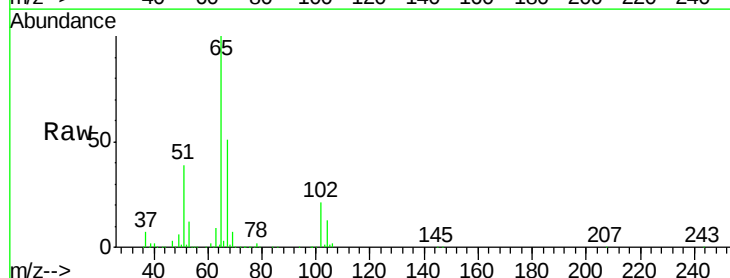
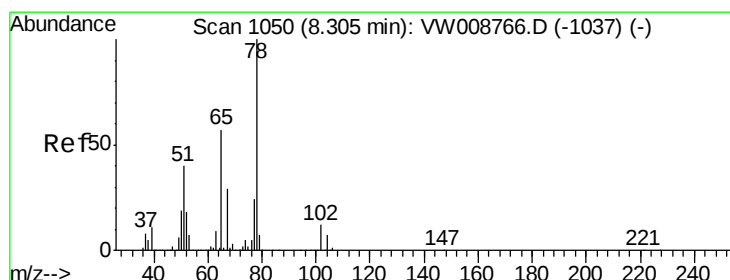
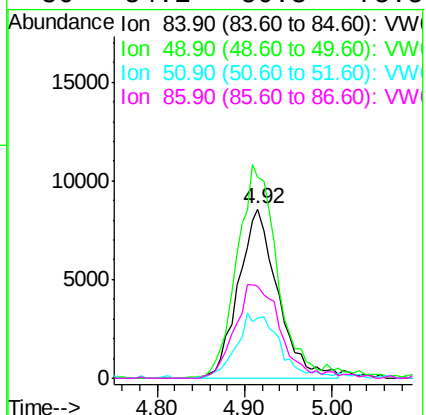
Ion Ratio Lower Upper

84 100

49 117.7 108.2 162.2

51 35.8 32.7 49.1

86 54.1 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 59.773 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008976.D

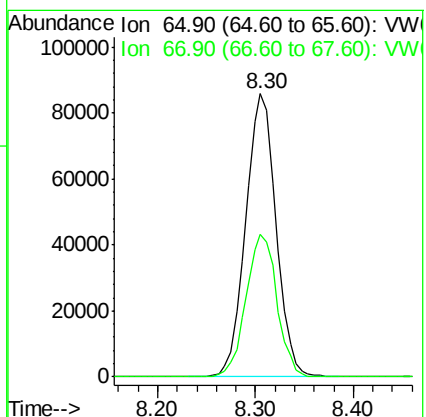
Acq: 04 Mar 2019 22:50

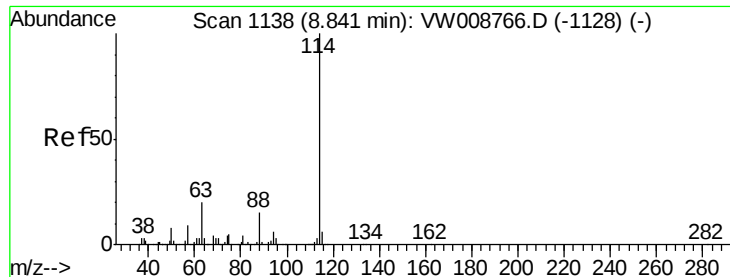
Tgt Ion: 65 Resp: 184455

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4

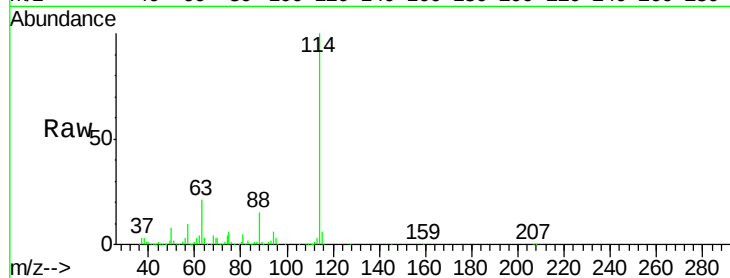




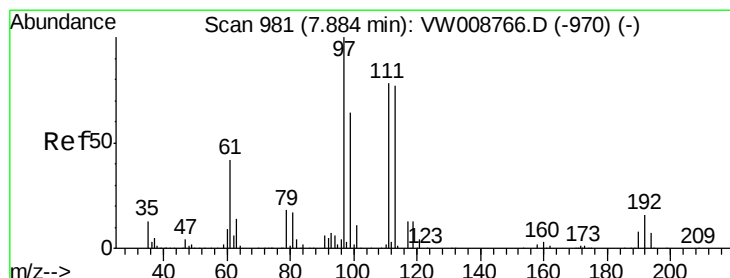
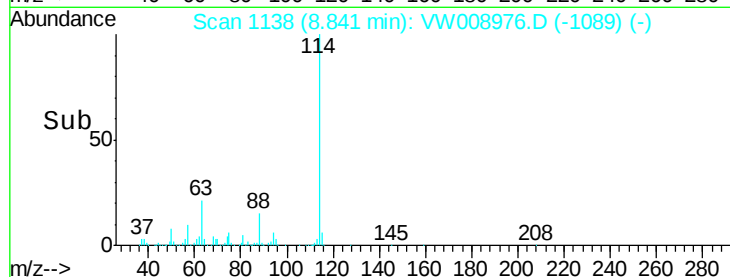
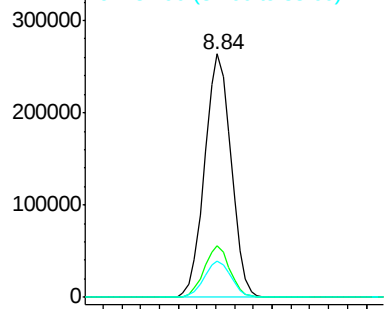
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008976.D
Acq: 04 Mar 2019 22:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	15.0	0.0	30.4

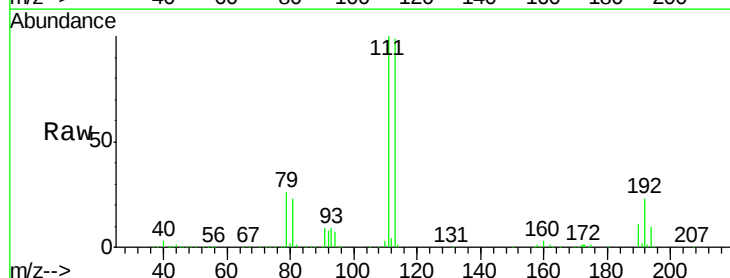


Abundance Ion 113.90 (113.60 to 114.60): V

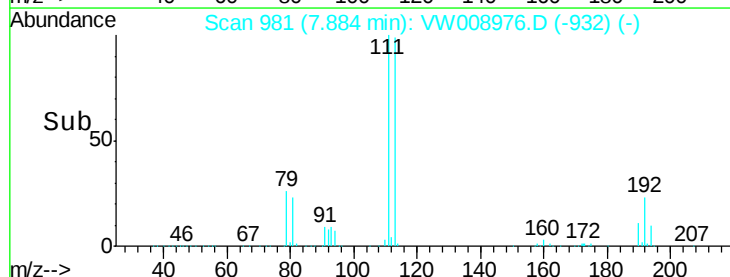
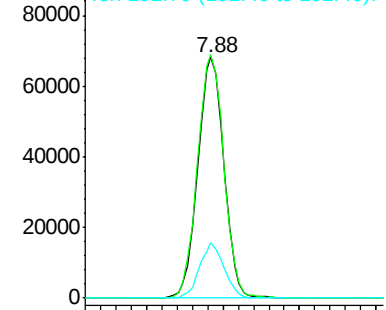


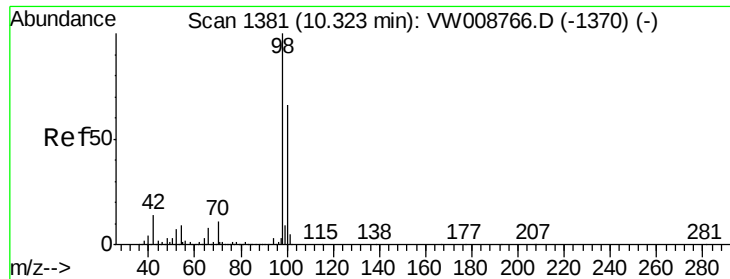
#35
Dibromofluoromethane
Concen: 51.863 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008976.D
Acq: 04 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	21.4	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 51.114 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008976.D

Acq: 04 Mar 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

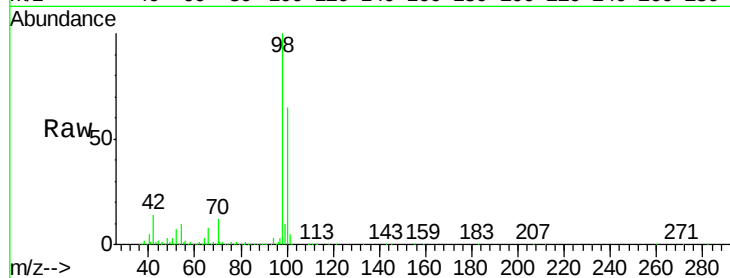
JC-03-030119-D

Tot Ion: 98 Resp: 609696

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

400000

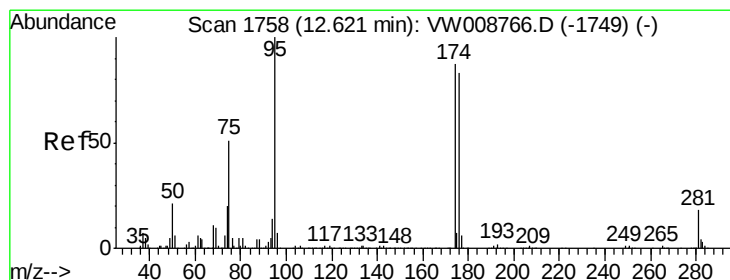
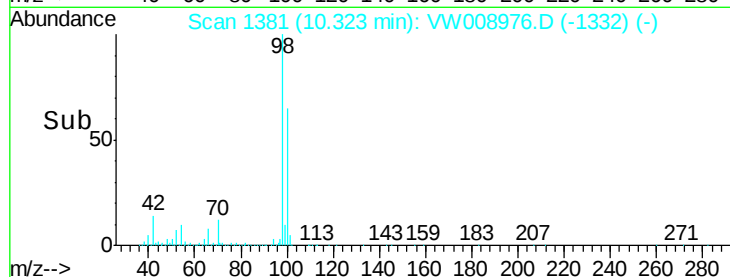
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 43.507 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008976.D

Acq: 04 Mar 2019 22:50

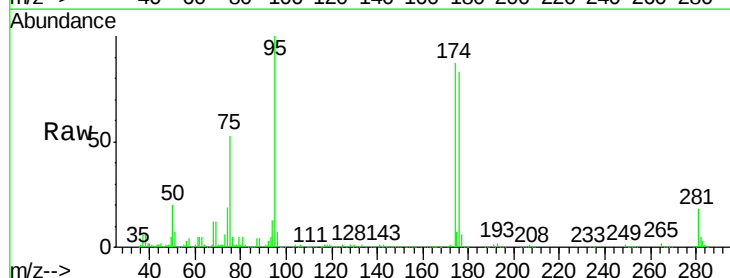
Tgt Ion: 95 Resp: 203191

Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.2

176 83.0 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

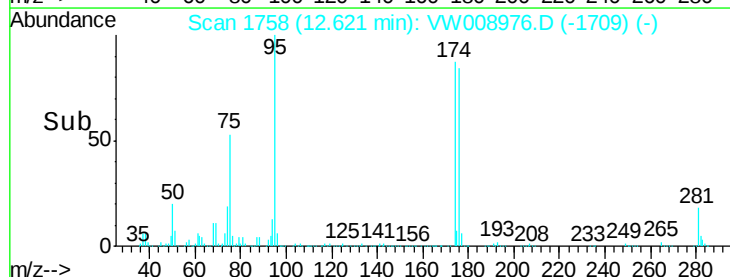
150000

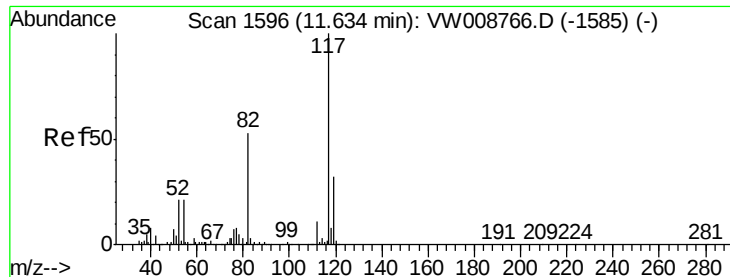
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

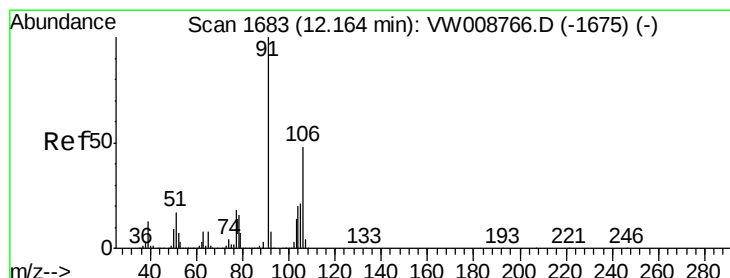
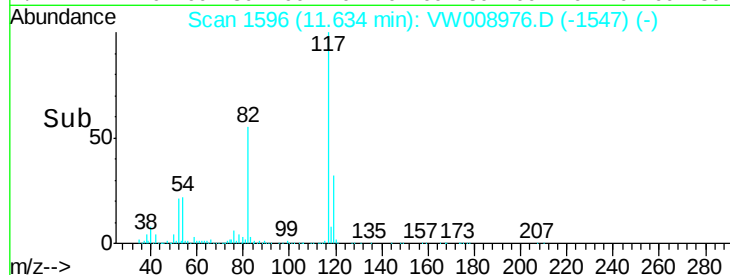
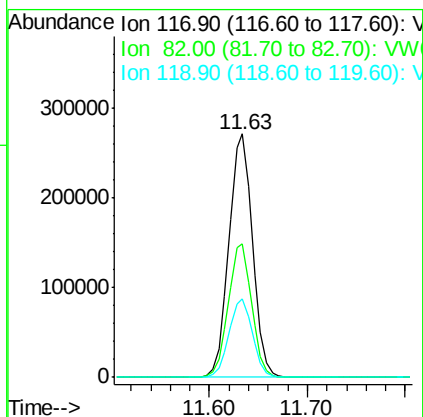
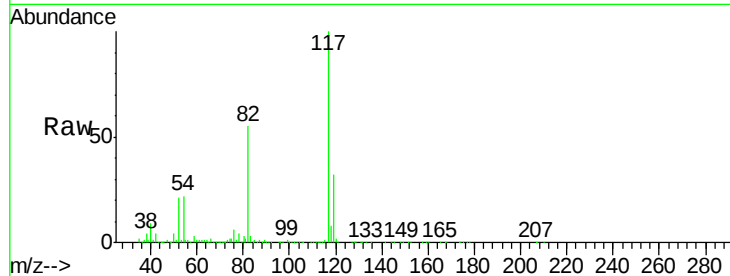




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008976.D
Acq: 04 Mar 2019 22:50

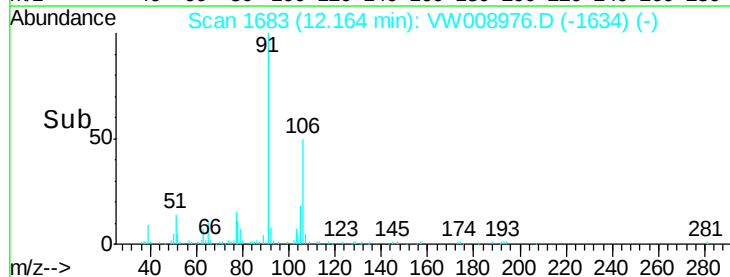
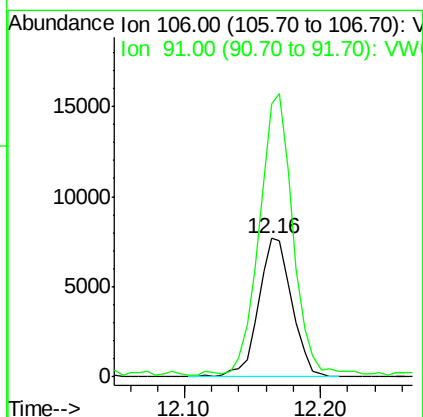
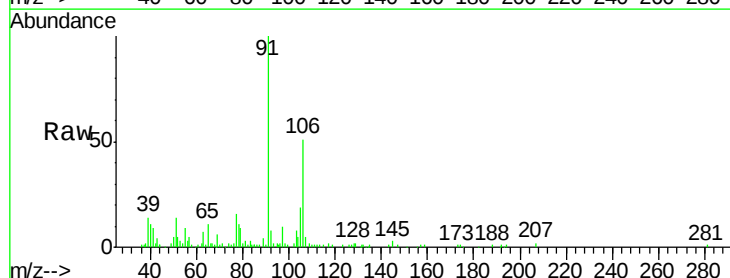
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-D

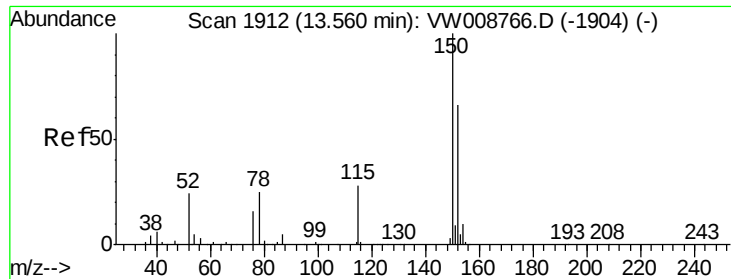
Tot Ion:117 Resp: 452278
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.0 25.9 38.9



#69
o-Xylene
Concen: 2.078 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008976.D
Acq: 04 Mar 2019 22:50

Tgt Ion:106 Resp: 13247
Ion Ratio Lower Upper
106 100
91 201.0 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008976.D

Acq: 04 Mar 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-D

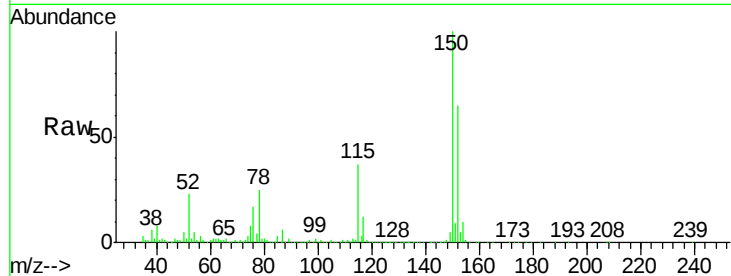
Tot Ion:152 Resp: 194674

Ion Ratio Lower Upper

152 100

115 58.7 28.6 85.8

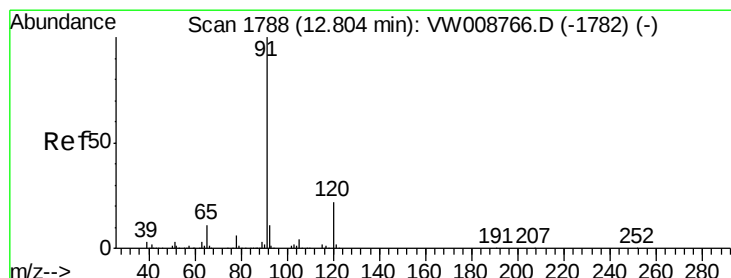
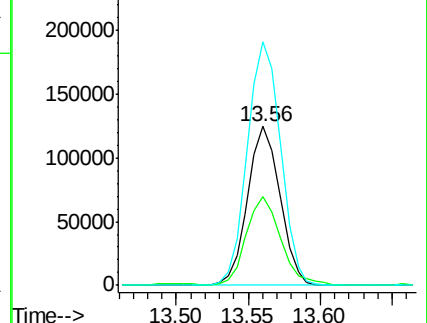
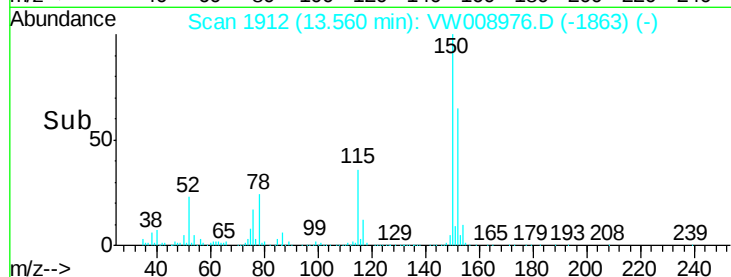
150 156.7 0.0 348.0



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



#78

n-propylbenzene

Concen: 1.660 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008976.D

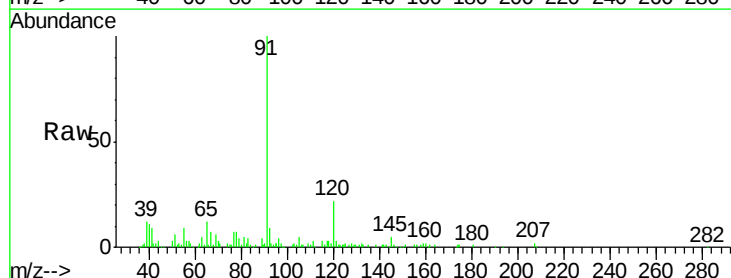
Acq: 04 Mar 2019 22:50

Tgt Ion: 91 Resp: 27104

Ion Ratio Lower Upper

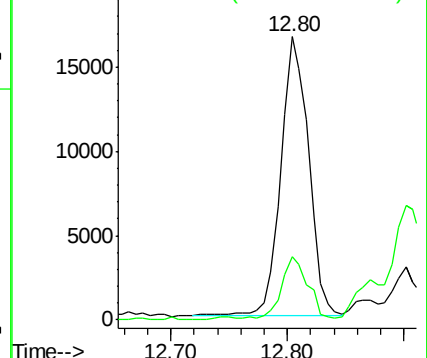
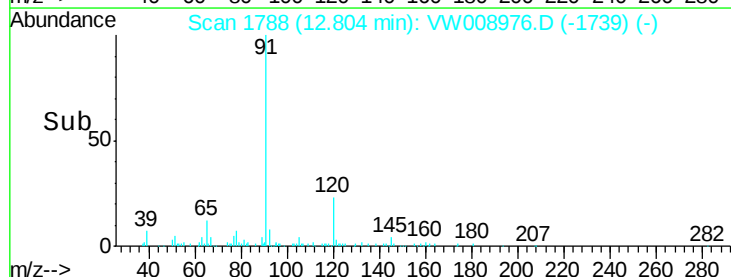
91 100

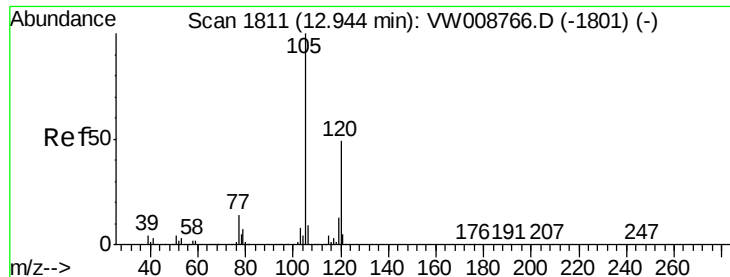
120 20.8 11.5 34.4



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: 5.961 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008976.D

Acq: 04 Mar 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

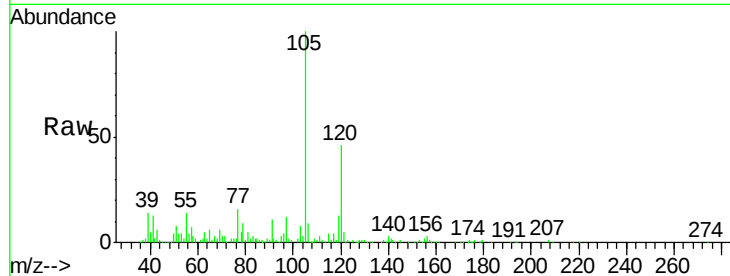
JC-03-030119-D

Tot Ion:105 Resp: 69137

Ion Ratio Lower Upper

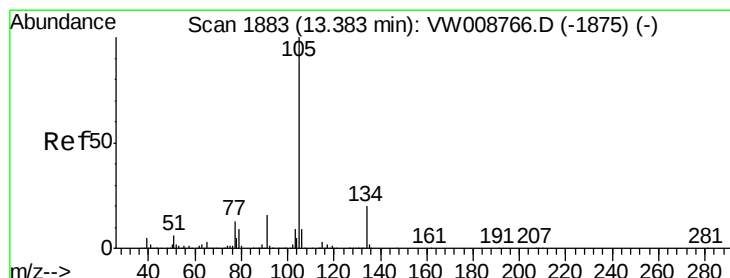
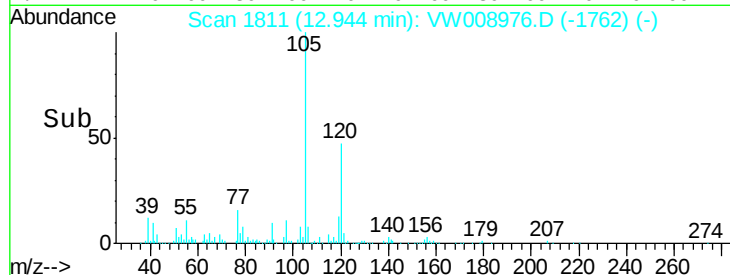
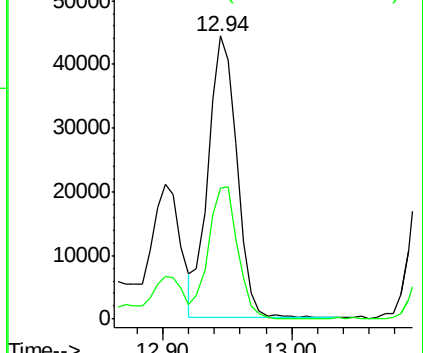
105 100

120 48.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.054 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008976.D

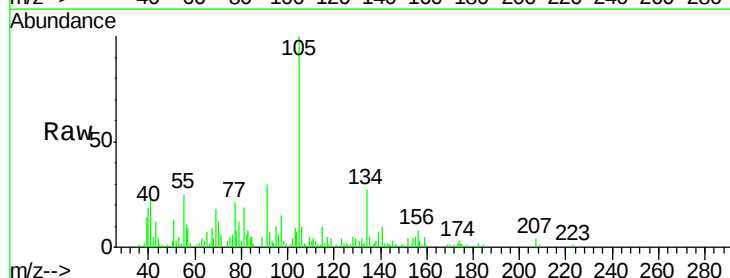
Acq: 04 Mar 2019 22:50

Tgt Ion:105 Resp: 15199

Ion Ratio Lower Upper

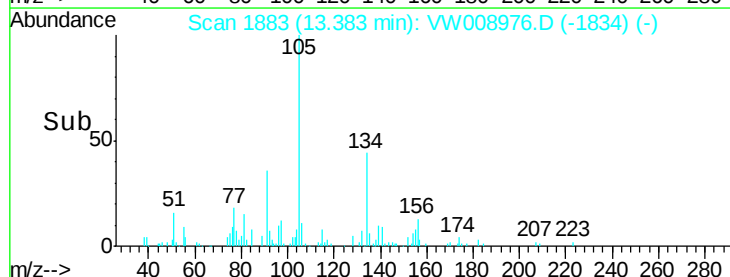
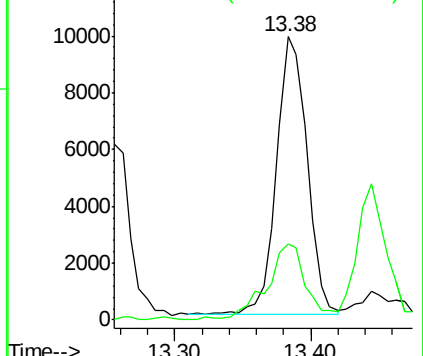
105 100

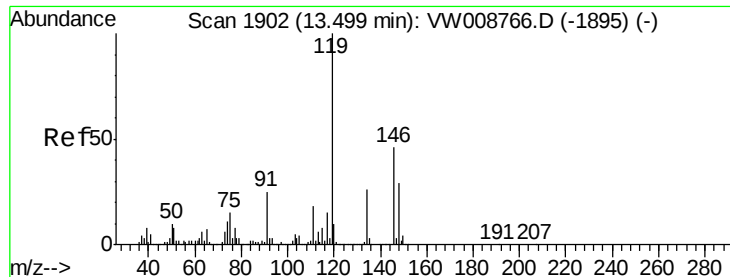
134 36.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

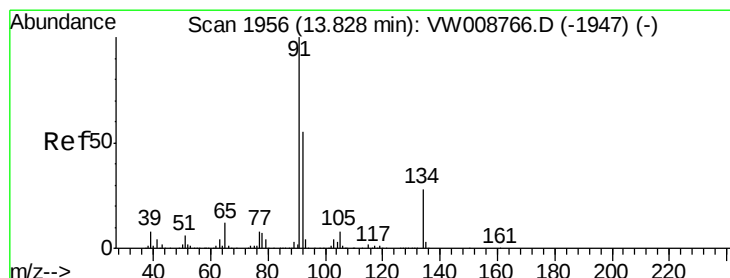
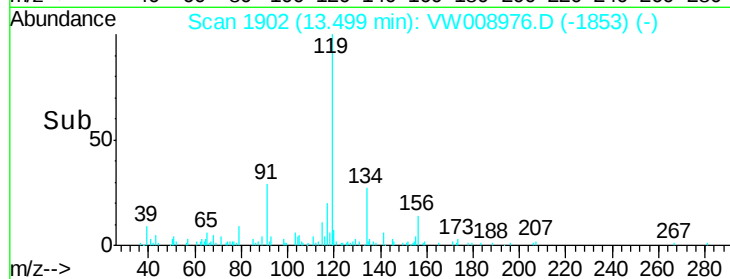
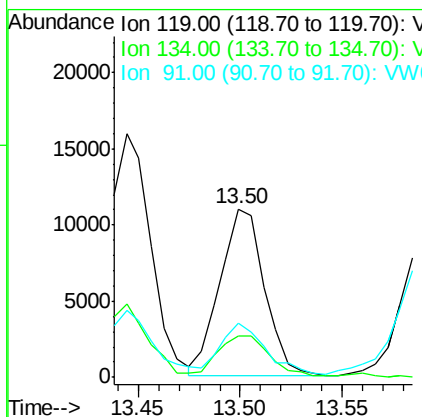
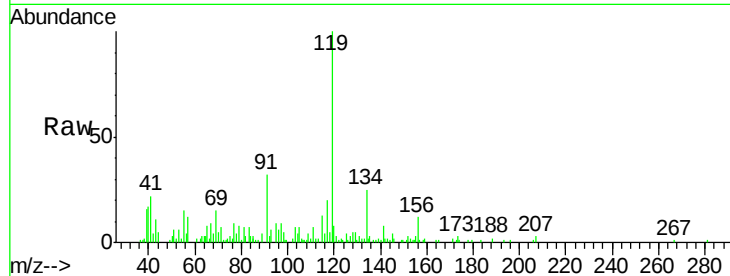




#86
 p-Isopropyltoluene
 Concen: 1.248 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008976.D
 Acq: 04 Mar 2019 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-D

Tot Ion:119 Resp: 16491
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.1 39.3
 91 30.5 12.1 36.3



#89
 n-Butylbenzene
 Concen: 1.574 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008976.D
 Acq: 04 Mar 2019 22:50

Tgt Ion: 91 Resp: 19496
 Ion Ratio Lower Upper
 91 100
 92 64.0 26.8 80.4
 134 0.0 13.5 40.4#

