

Data File : VW008974.D  
Acq On : 04 Mar 2019 21:56  
Operator : SY/VA  
Sample : K1688-03  
Misc : 6.65G/5ML/MSVOA\_W/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Quant Time: Mar 05 06:30:43 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  | 304583   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 480452   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 395087   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 152157   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 174347   | 61.03 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 122.06% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 145594   | 50.47 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.94% |      |
| 50) Toluene-d8              | 10.32  | 98  | 554749   | 49.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.64%  |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 174416   | 40.00 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 80.00%  |      |

| Target Compounds               |       |     |        |         | Qvalue |     |
|--------------------------------|-------|-----|--------|---------|--------|-----|
| 8) Diethyl Ether               | 3.68  | 74  | 1875   | 1.191   | ug/l   | 89  |
| 11) Tert butyl alcohol         | 5.13  | 59  | 838    | 3.295   | ug/l # | 70  |
| 13) Acrolein                   | 3.88  | 56  | 128    | 20.219  | ug/l # | 22  |
| 16) Acetone                    | 4.12  | 43  | 32107  | 48.488  | ug/l   | 96  |
| 20) Methylene Chloride         | 4.91  | 84  | 24101  | 2.539   | ug/l # | 87  |
| 25) 2-Butanone                 | 7.15  | 43  | 11399  | 12.313  | ug/l # | 74  |
| 26) 2,2-Dichloropropane        | 7.15  | 77  | 10162  | 2.104   | ug/l # | 54  |
| 29) Tetrahydrofuran            | 7.54  | 42  | 2264   | 3.838   | ug/l # | 84  |
| 31) Cyclohexane                | 7.95  | 56  | 9659   | 1.793   | ug/l # | 42  |
| 36) 1,1-Dichloropropene        | 7.95  | 75  | 23540  | 5.033   | ug/l # | 51  |
| 37) Ethyl Acetate              | 7.15  | 43  | 11622  | 5.344   | ug/l # | 28  |
| 38) Carbon Tetrachloride       | 7.95  | 117 | 30061  | 6.095   | ug/l # | 16  |
| 39) Methylcyclohexane          | 9.34  | 83  | 5970   | 1.023   | ug/l # | 86  |
| 40) Benzene                    | 8.32  | 78  | 14972  | 1.172   | ug/l   | 91  |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43  | 3985   | 1.808   | ug/l   | 89  |
| 52) Toluene                    | 10.39 | 92  | 37212  | 4.294   | ug/l   | 97  |
| 55) 1,1,2-Trichloroethane      | 10.76 | 97  | 3833   | 1.610   | ug/l # | 16  |
| 67) Ethyl Benzene              | 11.73 | 91  | 38274  | 2.577   | ug/l   | 95  |
| 68) m/p-Xylenes                | 11.84 | 106 | 39385  | 6.637   | ug/l   | 100 |
| 69) o-Xylene                   | 12.16 | 106 | 38676  | 6.944   | ug/l   | 99  |
| 73) Isopropylbenzene           | 12.47 | 105 | 20545  | 1.970   | ug/l   | 99  |
| 74) N-amyl acetate             | 12.25 | 43  | 6216   | 2.366   | ug/l # | 62  |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75  | 93931  | 74.770  | ug/l # | 100 |
| 78) n-propylbenzene            | 12.80 | 91  | 63379  | 4.967   | ug/l   | 97  |
| 79) 2-Chlorotoluene            | 12.87 | 91  | 23550  | 3.251   | ug/l # | 41  |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105 | 171909 | 18.965  | ug/l   | 99  |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75  | 93931  | 181.773 | ug/l # | 6   |
| 82) 4-Chlorotoluene            | 12.94 | 91  | 18915  | 2.478   | ug/l # | 42  |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105 | 396368 | 42.241  | ug/l   | 98  |
| 85) sec-Butylbenzene           | 13.38 | 105 | 35037  | 3.109   | ug/l   | 84  |
| 86) p-Isopropyltoluene         | 13.50 | 119 | 38313  | 3.708   | ug/l   | 97  |
| 89) n-Butylbenzene             | 13.83 | 91  | 55159  | 5.699   | ug/l # | 80  |
| 90) Hexachloroethane           | 14.10 | 117 | 18555  | 10.970  | ug/l # | 10  |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75  | 685    | 2.222   | ug/l # | 3   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW030519\  
Quantitation Report (Not Reviewed)

Data File : VW008974.D  
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Operator : SY/VA  
Sample : K1688-03  
Misc : 6.65G/5ML/MSVOA\_W/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Quant Time: Mar 05 06:30:43 2019  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 22 00:38:32 2019  
Response via : Initial Calibration

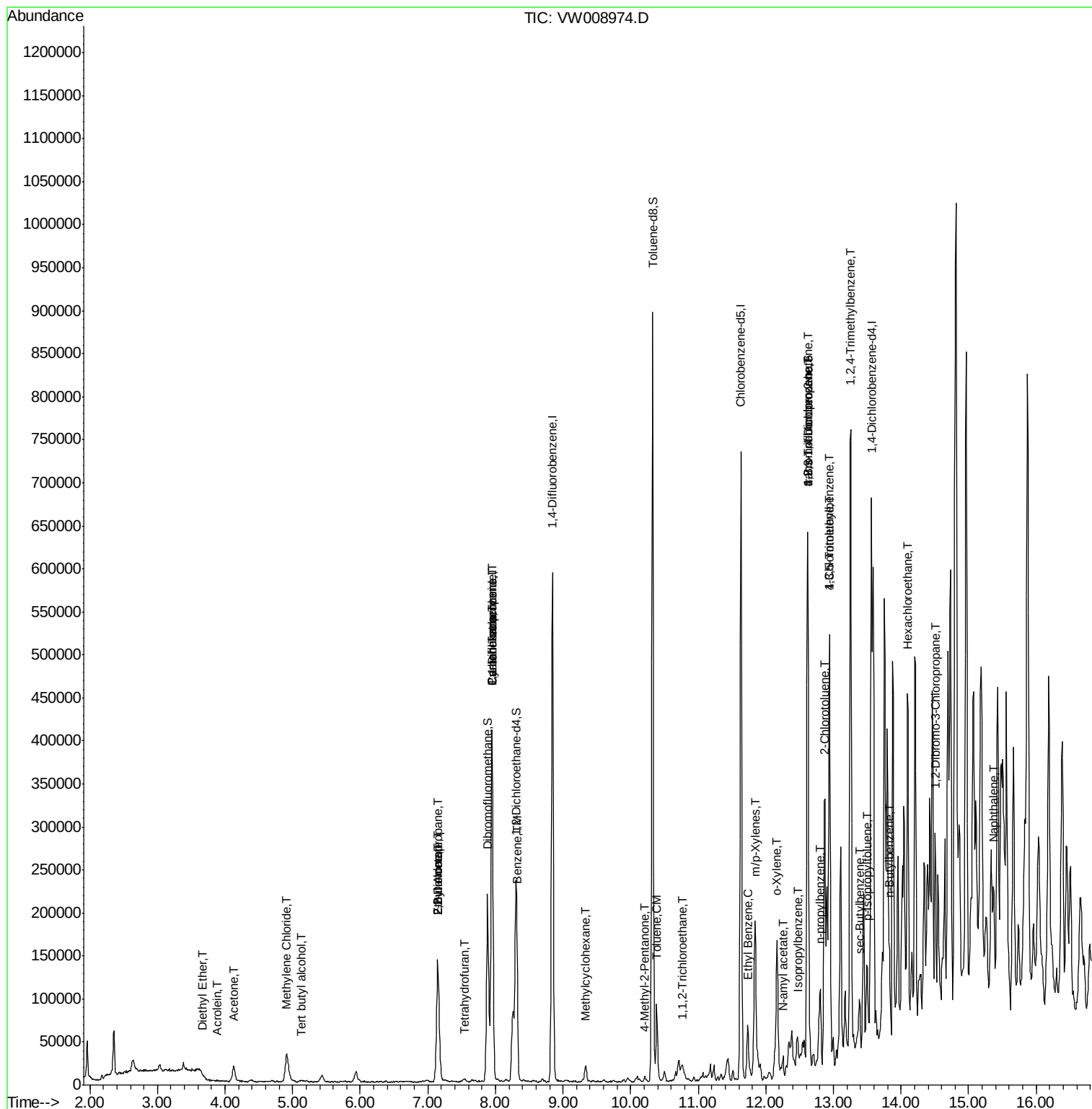
| Internal Standards | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------|-------|------|----------|--------|--------|----------|
| 95) Naphthalene    | 15.37 | 128  | 67140    | 12.010 | ug/l # | 90       |

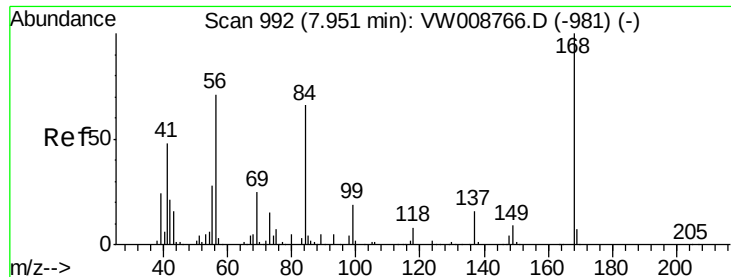
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

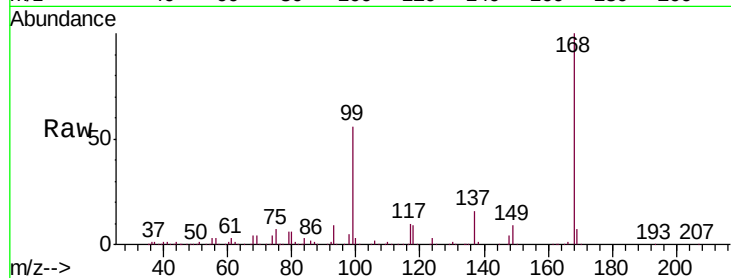
JC-03-030119-B

Tgt Ion:168 Resp: 304583

Ion Ratio Lower Upper

168 100

99 55.8 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

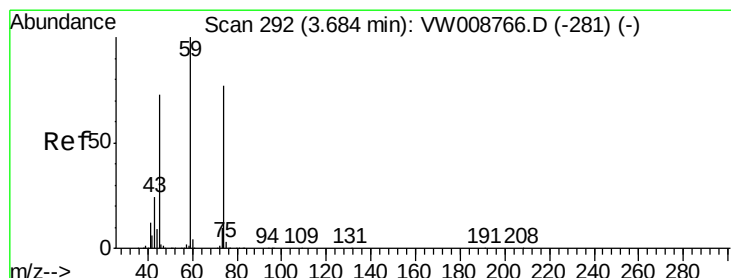
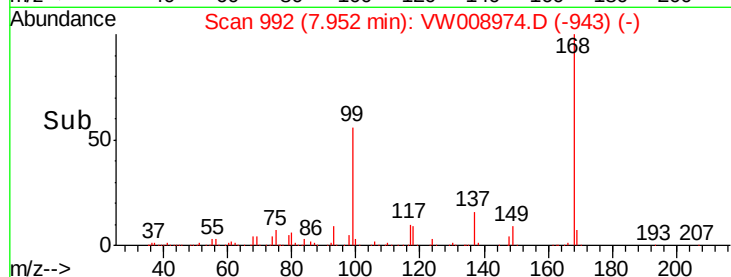
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.191 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW008974.D

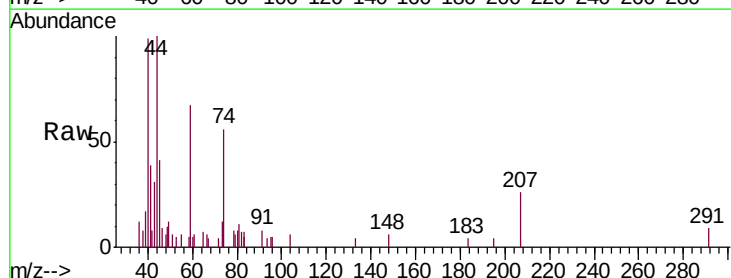
Acq: 04 Mar 2019 21:56

Tgt Ion: 74 Resp: 1875

Ion Ratio Lower Upper

74 100

45 111.0 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

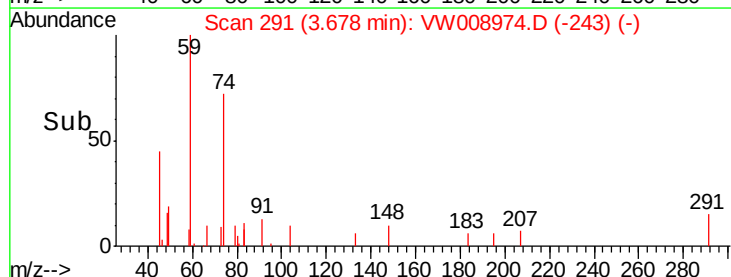
600

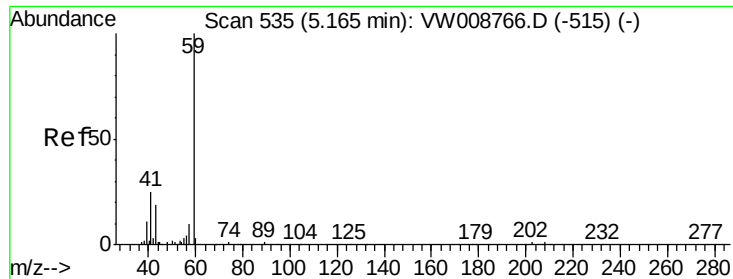
400

200

0

Time--> 3.60 3.65 3.70 3.75

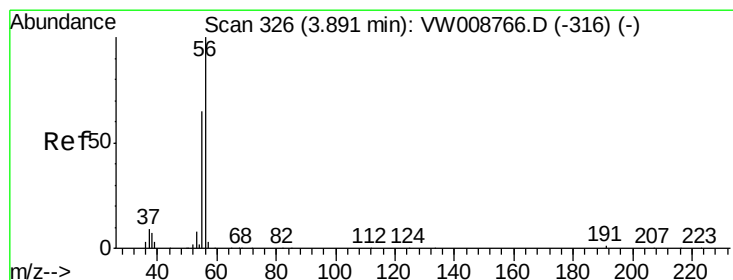
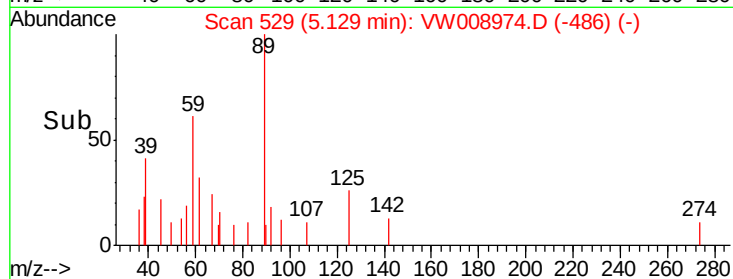
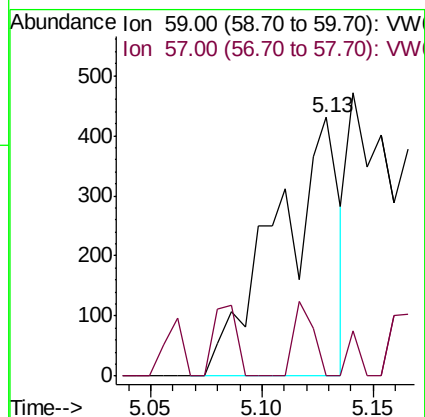
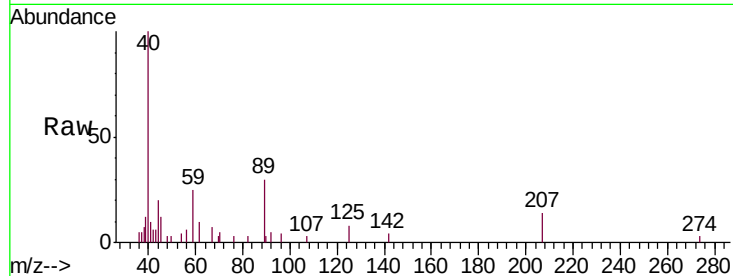




#11  
Tert butyl alcohol  
Concen: 3.295 ug/l  
RT: 5.13 min Scan# 529  
Delta R.T. -0.04 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

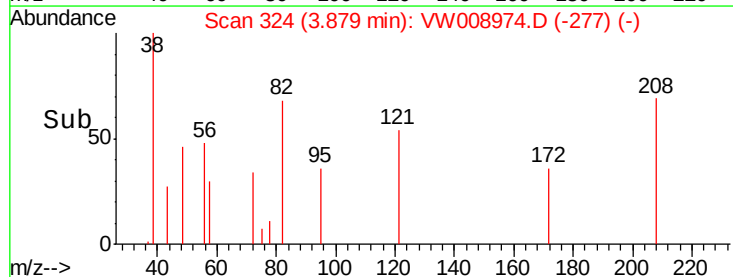
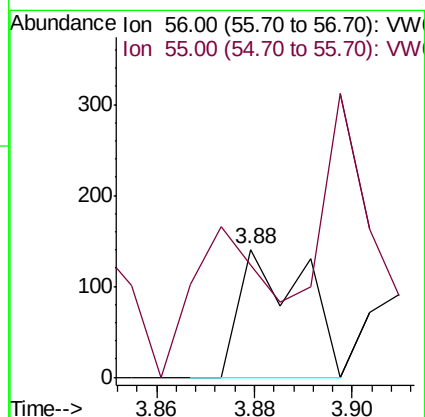
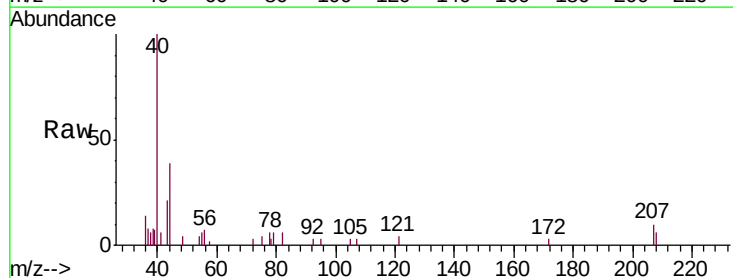
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

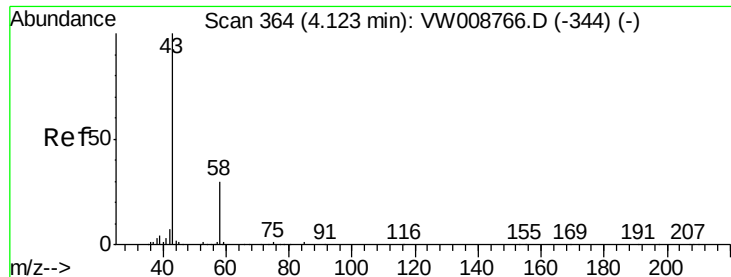
Tgt Ion: 59 Resp: 838  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.3 13.9#



#13  
Acrolein  
Concen: 20.219 ug/l  
RT: 3.88 min Scan# 324  
Delta R.T. -0.01 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 56 Resp: 128  
Ion Ratio Lower Upper  
56 100  
55 135.9 56.9 85.3#





#16

Acetone

Concen: 48.488 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

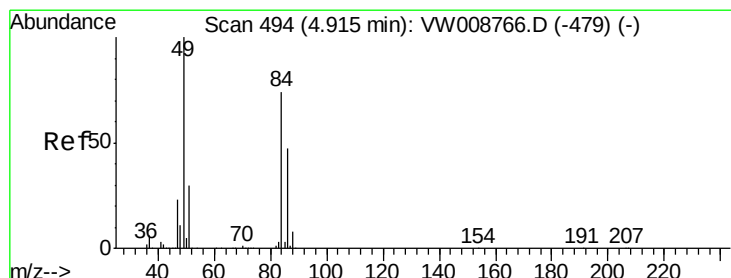
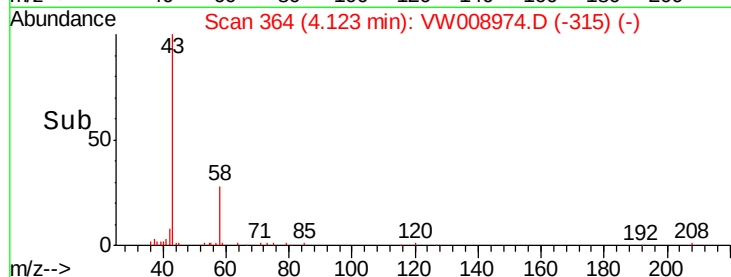
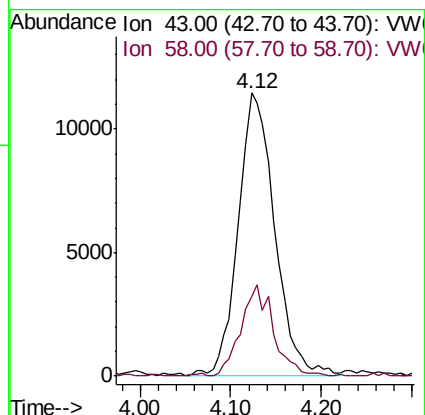
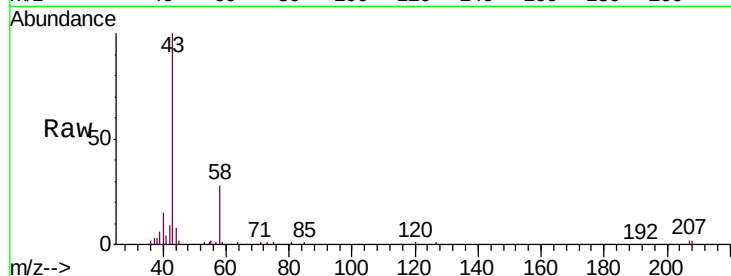
JC-03-030119-B

Tgt Ion: 43 Resp: 32107

Ion Ratio Lower Upper

43 100

58 27.5 23.8 35.6



#20

Methylene Chloride

Concen: 2.539 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Tgt Ion: 84 Resp: 24101

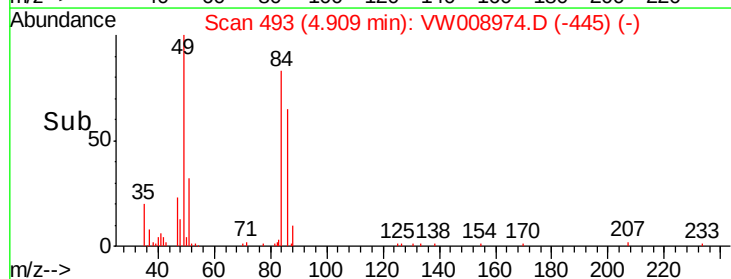
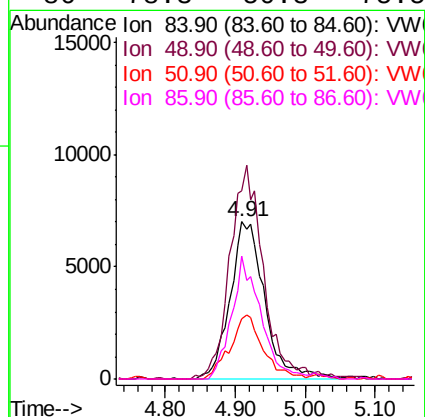
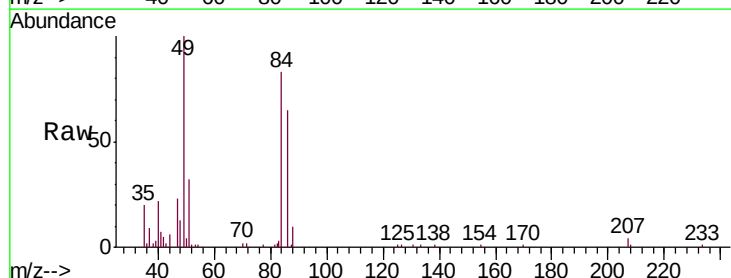
Ion Ratio Lower Upper

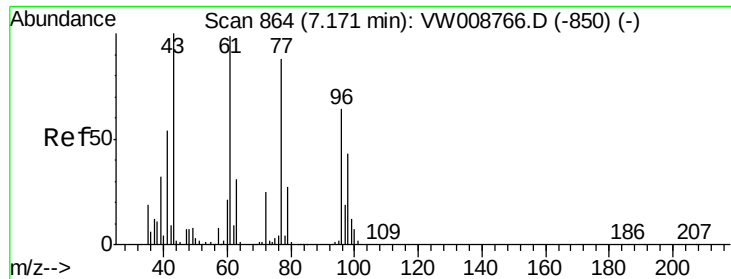
84 100

49 119.9 108.2 162.2

51 37.9 32.7 49.1

86 78.3 50.3 75.5#





#25

2-Butanone

Concen: 12.313 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

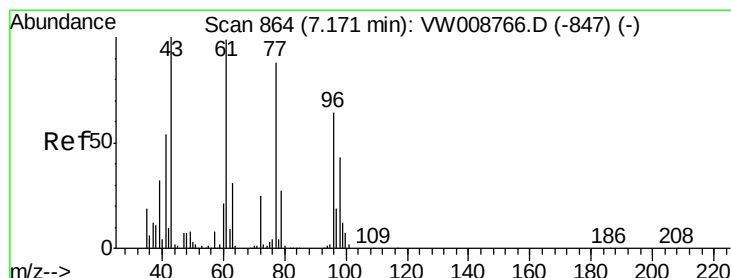
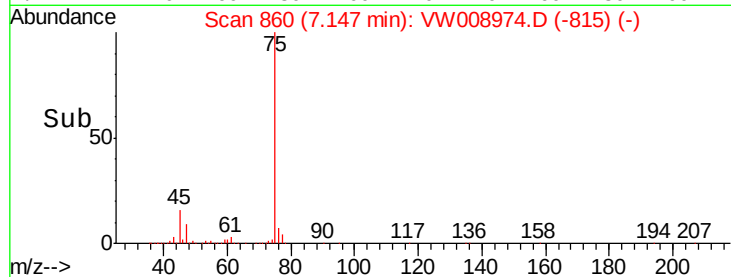
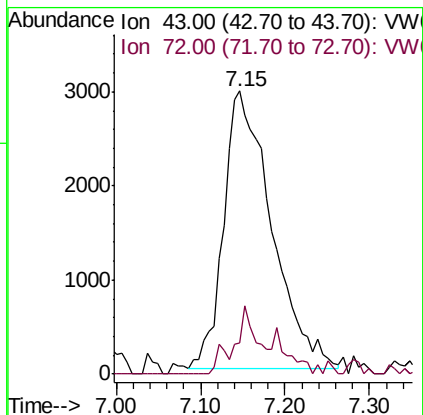
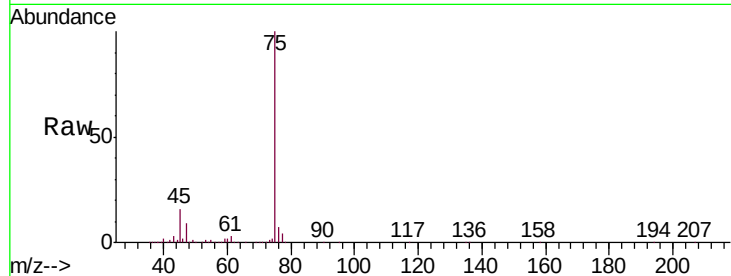
JC-03-030119-B

Tgt Ion: 43 Resp: 11399

Ion Ratio Lower Upper

43 100

72 11.5 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 2.104 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW008974.D

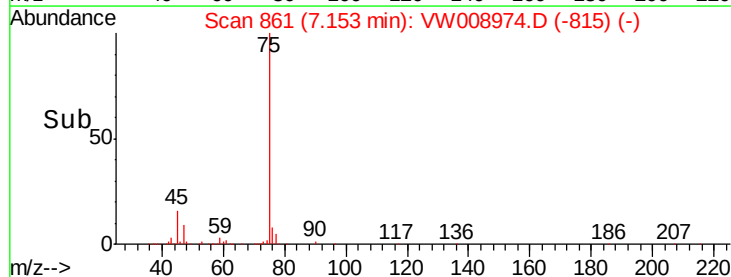
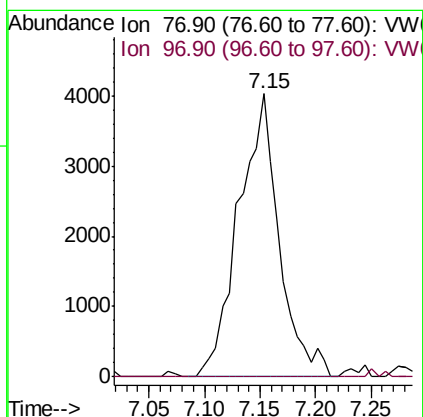
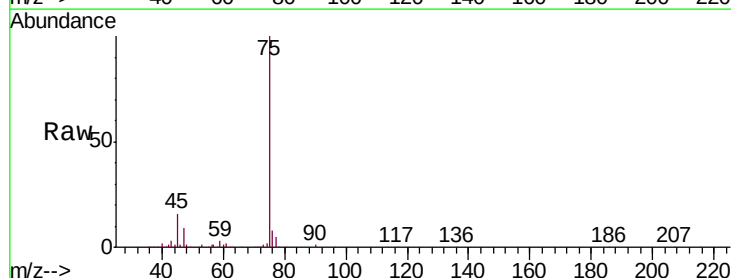
Acq: 04 Mar 2019 21:56

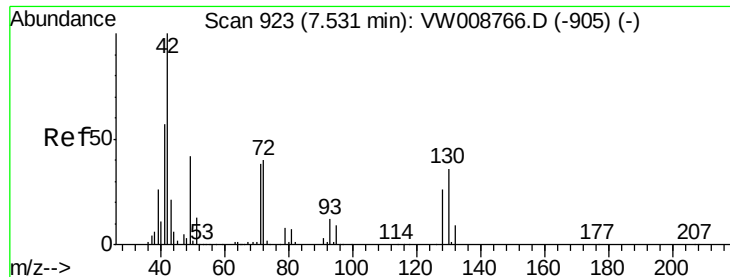
Tgt Ion: 77 Resp: 10162

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#

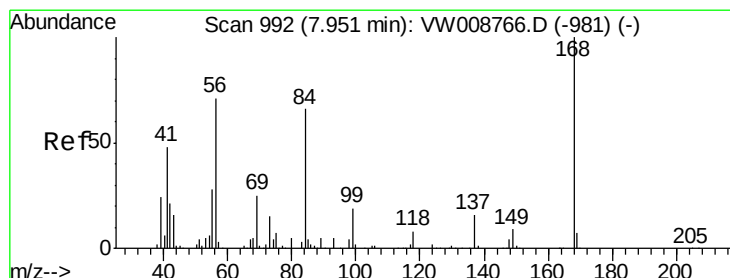
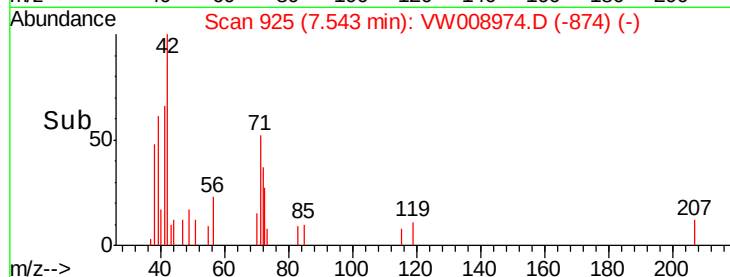
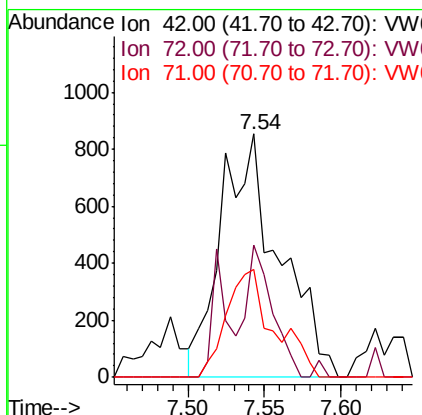
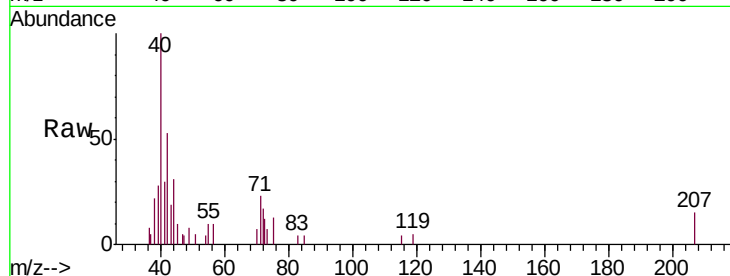




#29  
Tetrahydrofuran  
Concen: 3.838 ug/l  
RT: 7.54 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

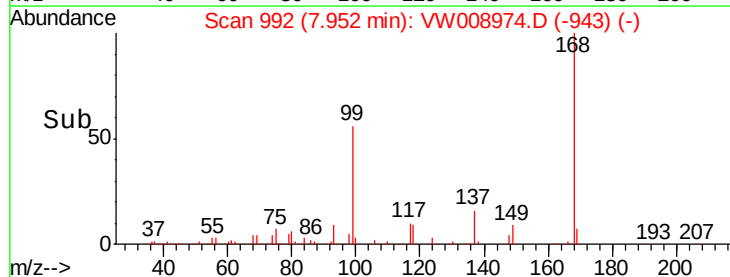
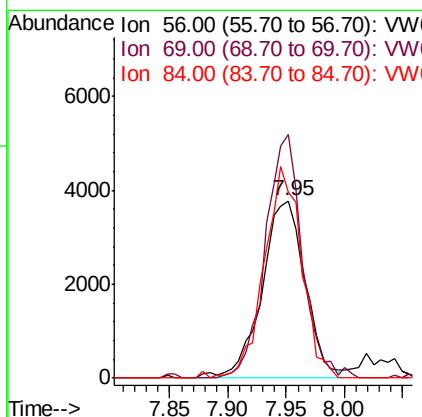
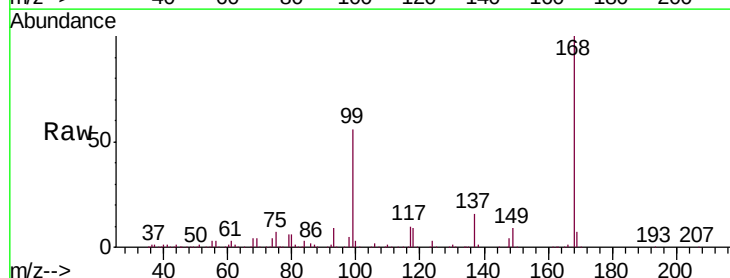
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Tgt Ion: 42 Resp: 2264  
Ion Ratio Lower Upper  
42 100  
72 24.0 32.7 49.1#  
71 35.9 31.3 46.9

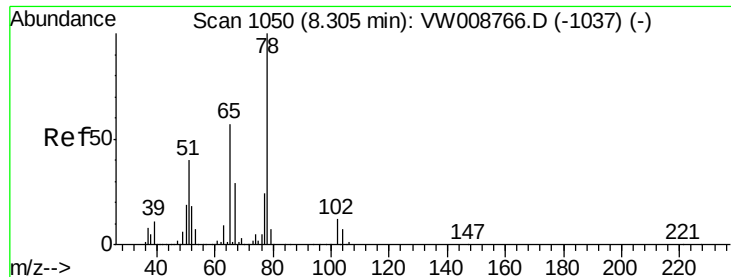


#31  
Cyclohexane  
Concen: 1.793 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 56 Resp: 9659  
Ion Ratio Lower Upper  
56 100  
69 137.2 28.2 42.4#  
84 105.0 74.1 111.1



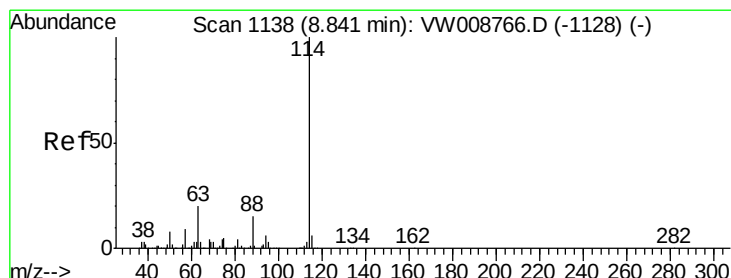
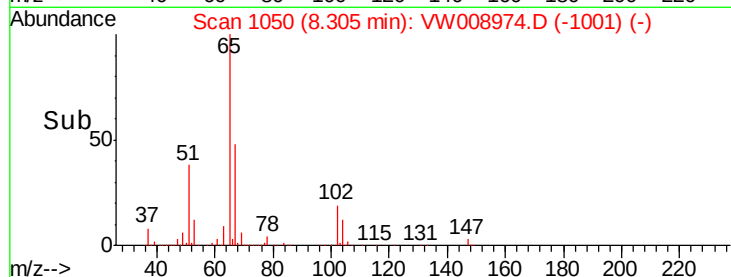
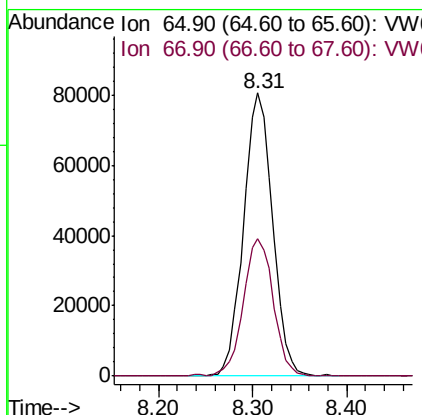
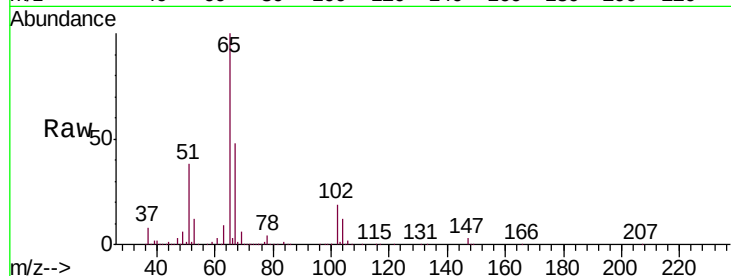




#33  
 1,2-Dichloroethane-d4  
 Concen: 61.031 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

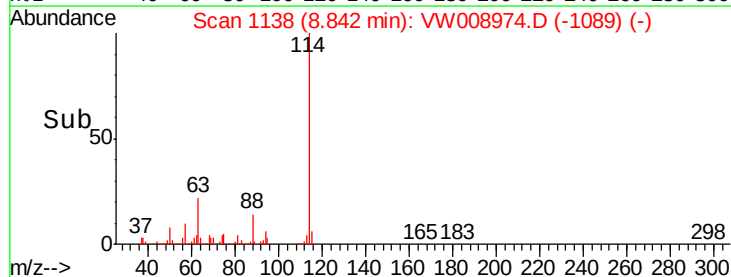
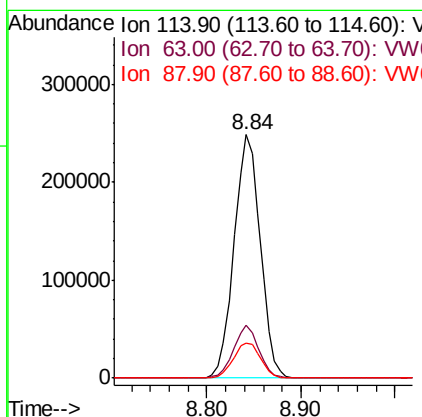
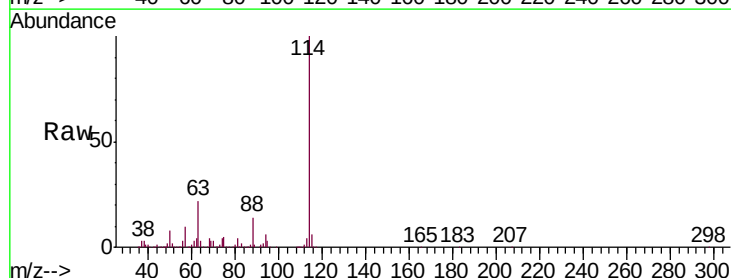
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JC-03-030119-B

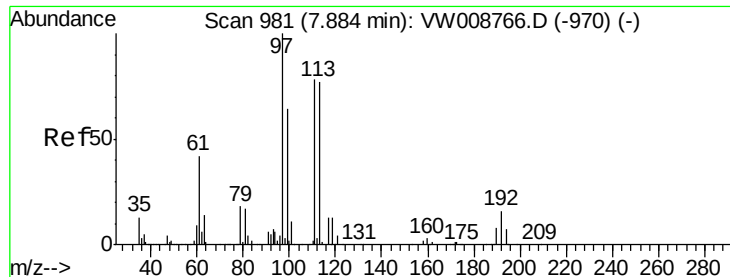
Tgt Ion: 65 Resp: 174347  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

Tgt Ion: 114 Resp: 480452  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 40.8  
 88 14.4 0.0 30.4

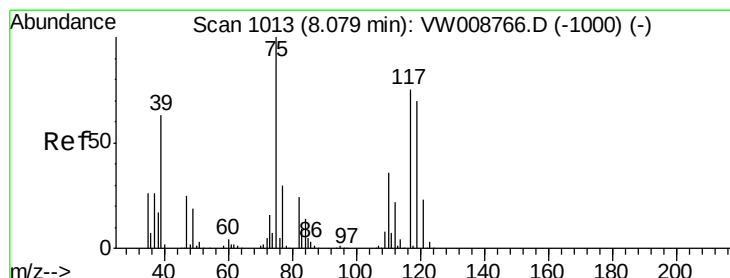
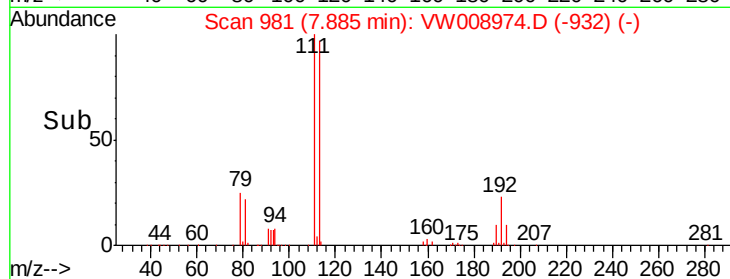
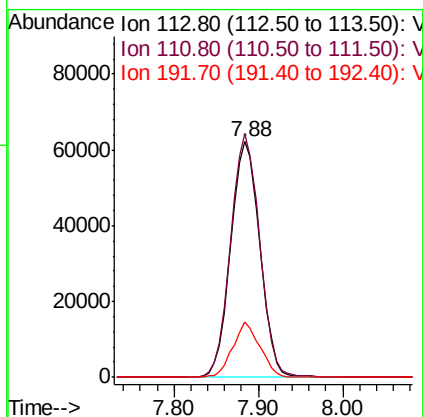
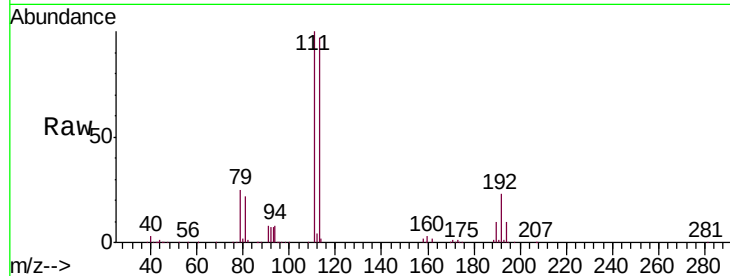




#35  
 Dibromofluoromethane  
 Concen: 50.471 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

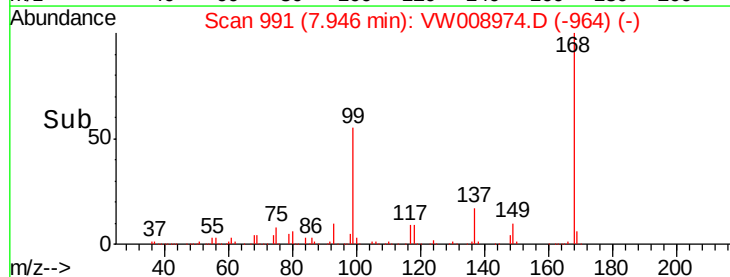
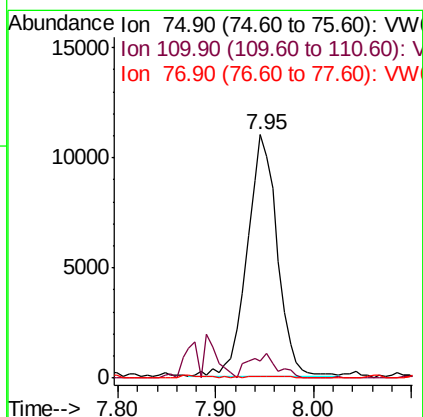
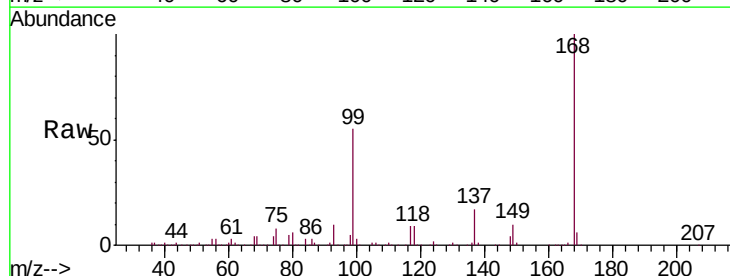
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JC-03-030119-B

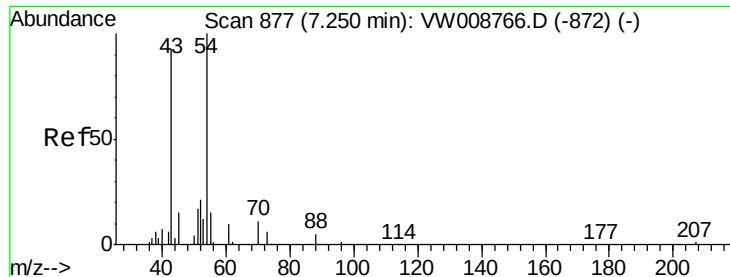
Tgt Ion: 113 Resp: 145594  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 81.9 122.9  
 192 21.6 17.1 25.7



#36  
 1,1-Dichloropropene  
 Concen: 5.033 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.13 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

Tgt Ion: 75 Resp: 23540  
 Ion Ratio Lower Upper  
 75 100  
 110 9.7 17.5 52.6#  
 77 0.6 24.5 36.7#

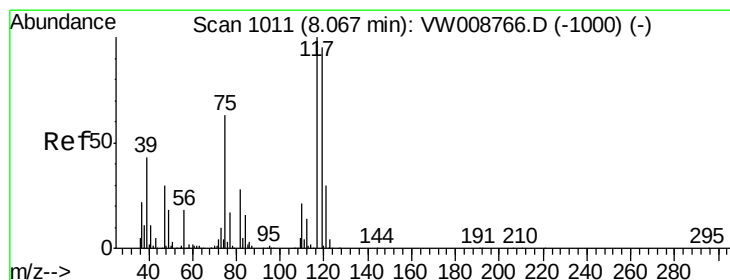
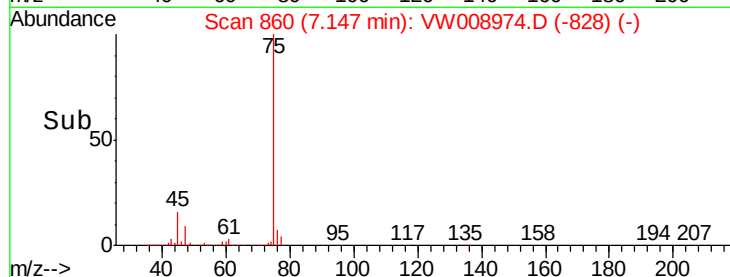
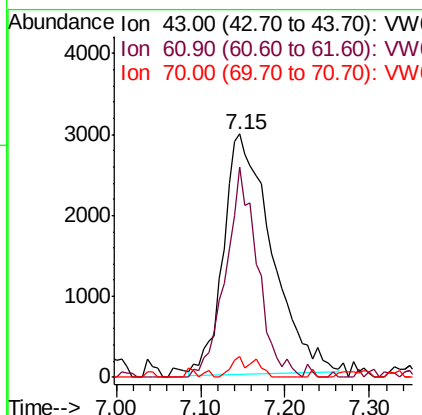
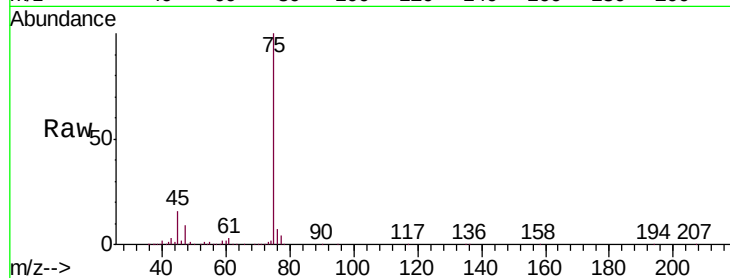




#37  
Ethyl Acetate  
Concen: 5.344 ug/l  
RT: 7.15 min Scan# 860  
Delta R.T. -0.10 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

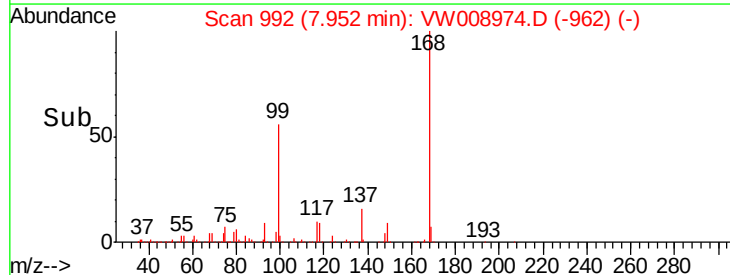
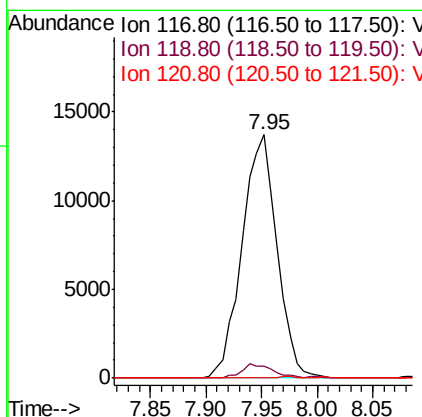
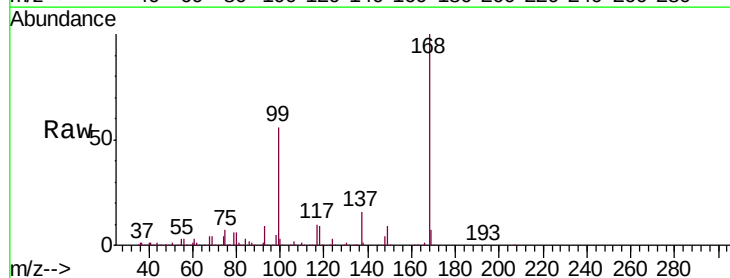
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

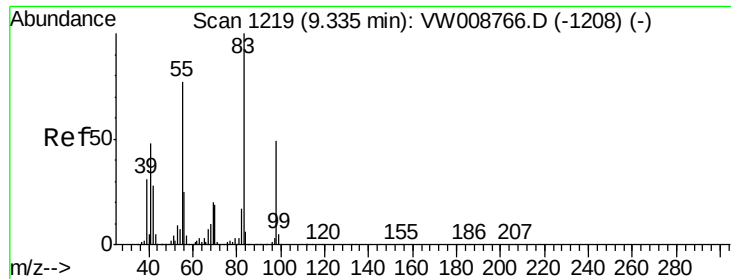
Tgt Ion: 43 Resp: 11622  
Ion Ratio Lower Upper  
43 100  
61 57.5 9.8 14.8#  
70 2.8 8.4 12.6#



#38  
Carbon Tetrachloride  
Concen: 6.095 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.12 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 117 Resp: 30061  
Ion Ratio Lower Upper  
117 100  
119 4.7 76.1 114.1#  
121 0.0 24.0 36.0#

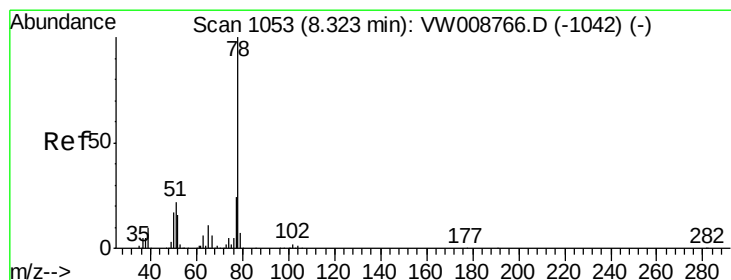
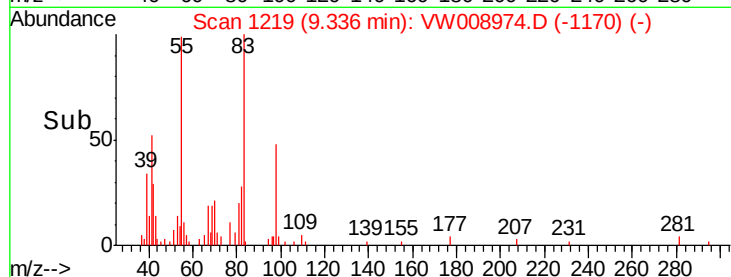
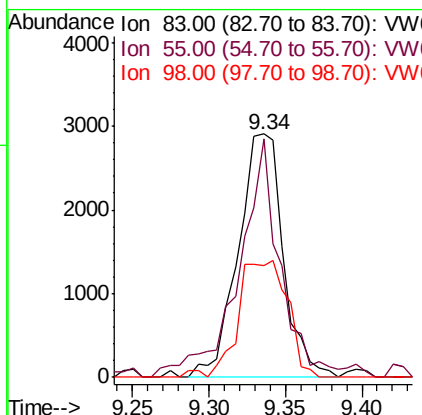
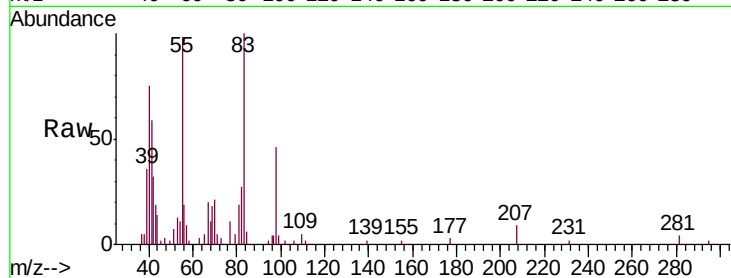




#39  
Methylcyclohexane  
Concen: 1.023 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

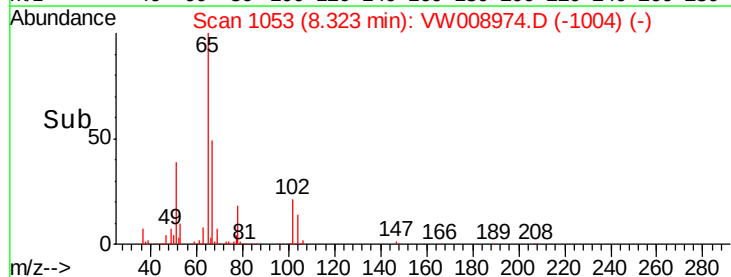
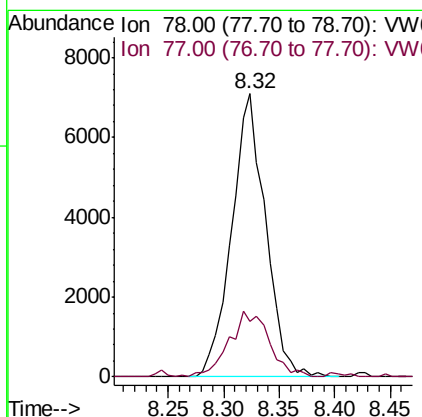
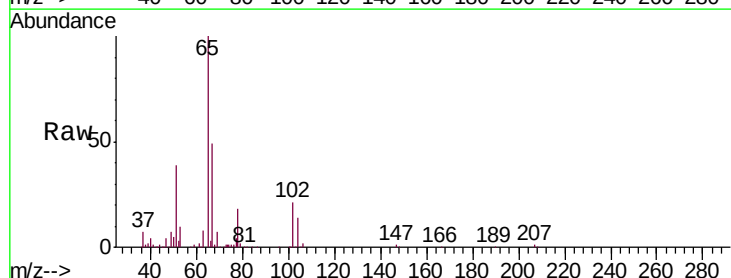
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

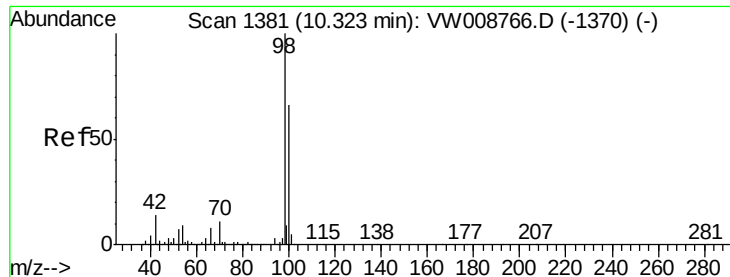
Tgt Ion: 83 Resp: 5970  
Ion Ratio Lower Upper  
83 100  
55 94.4 61.2 91.8#  
98 46.0 39.4 59.2



#40  
Benzene  
Concen: 1.172 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 78 Resp: 14972  
Ion Ratio Lower Upper  
78 100  
77 19.5 19.3 28.9





#50

Toluene-d8

Concen: 49.817 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

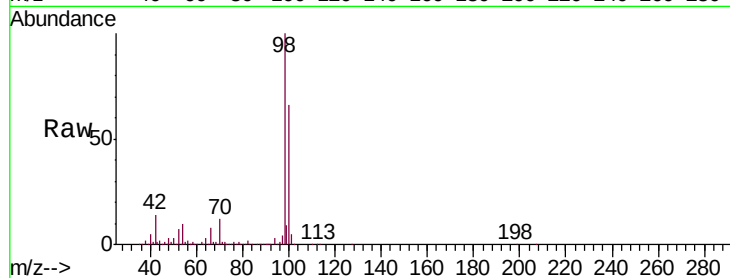
JC-03-030119-B

Tgt Ion: 98 Resp: 554749

Ion Ratio Lower Upper

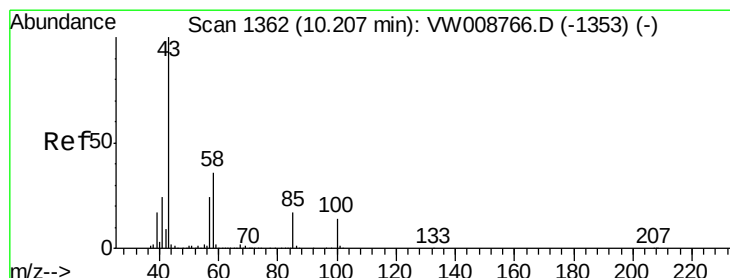
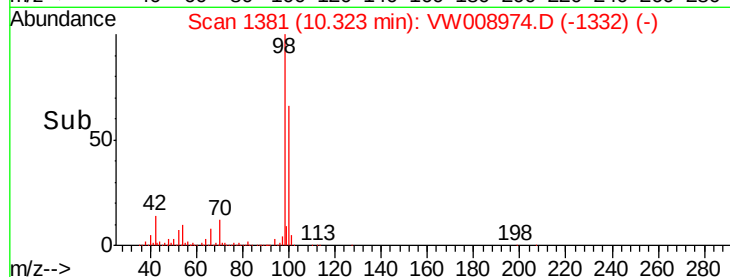
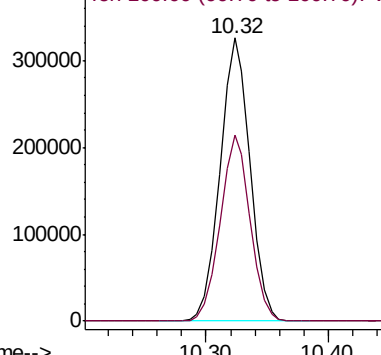
98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.808 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008974.D

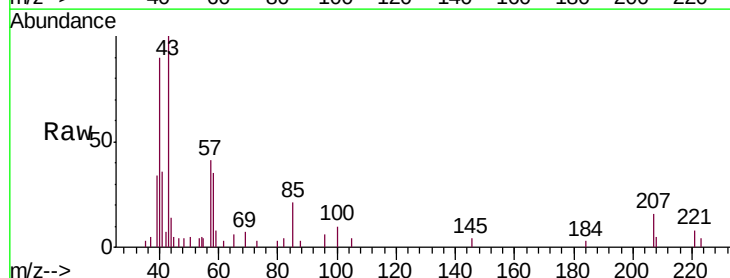
Acq: 04 Mar 2019 21:56

Tgt Ion: 43 Resp: 3985

Ion Ratio Lower Upper

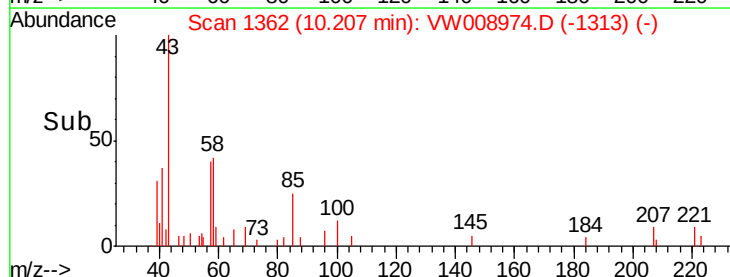
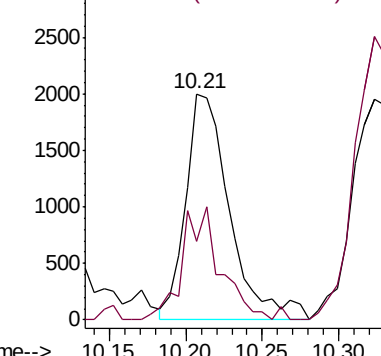
43 100

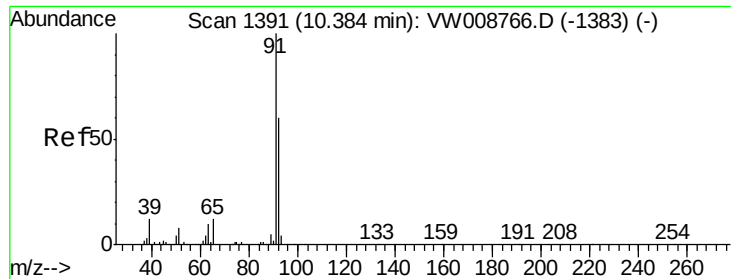
58 43.1 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 4.294 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

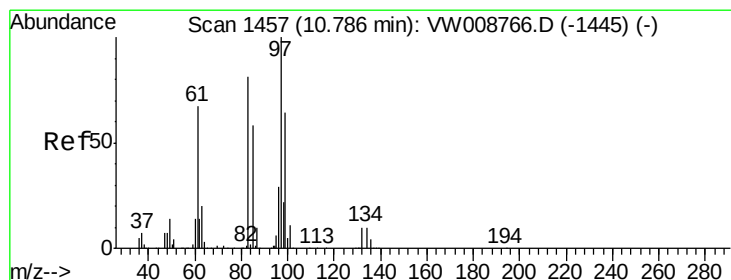
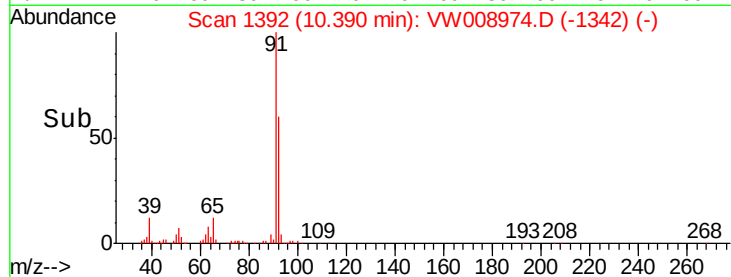
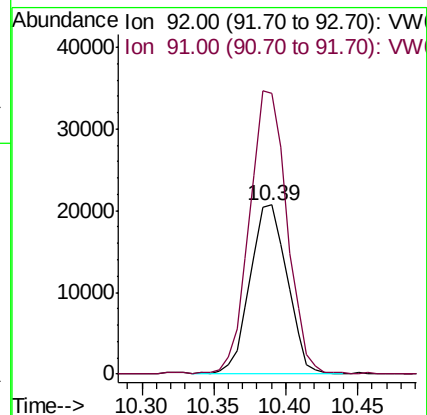
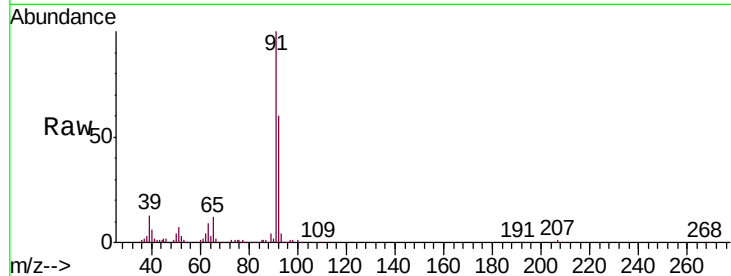
JC-03-030119-B

Tgt Ion: 92 Resp: 37212

Ion Ratio Lower Upper

92 100

91 166.5 136.9 205.3



#55

1,1,2-Trichloroethane

Concen: 1.610 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Tgt Ion: 97 Resp: 3833

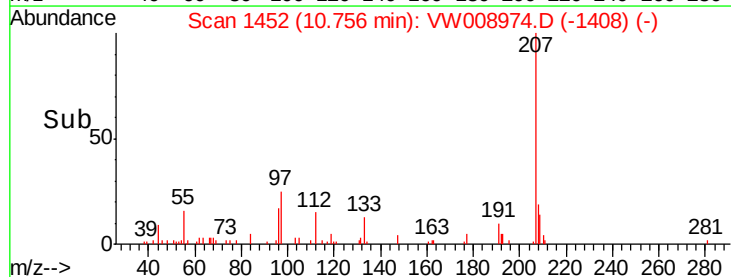
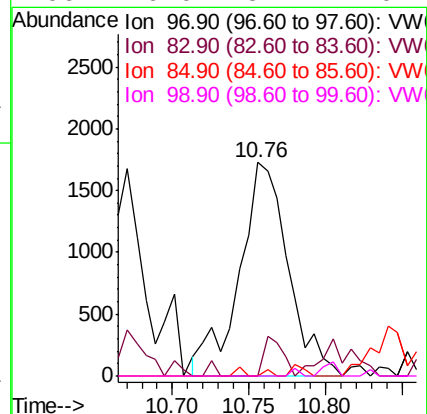
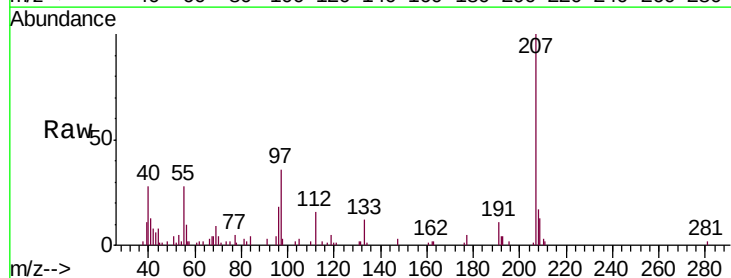
Ion Ratio Lower Upper

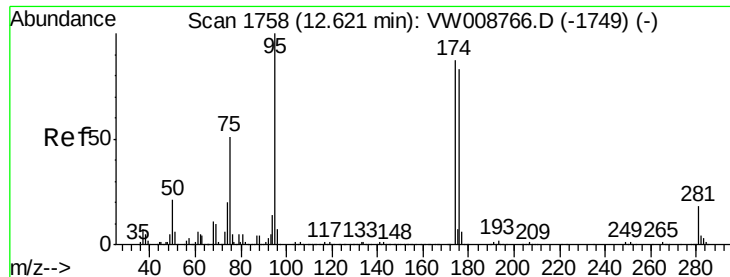
97 100

83 0.0 65.0 97.6#

85 0.0 46.0 69.0#

99 0.0 51.1 76.7#

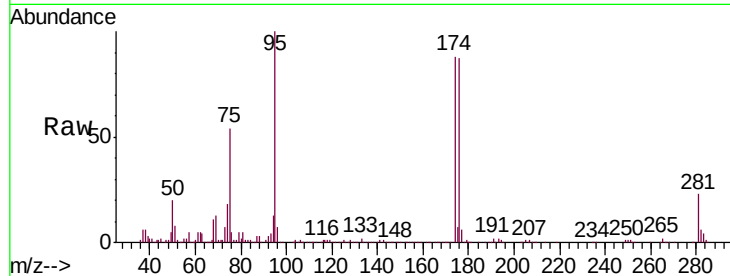




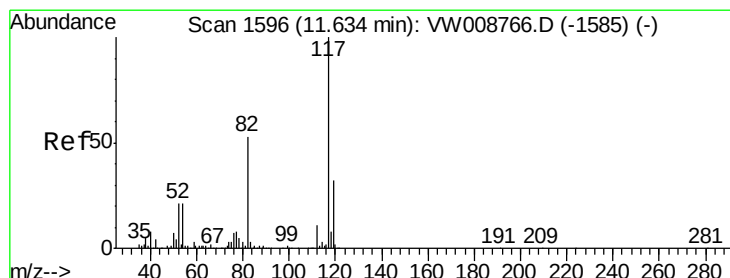
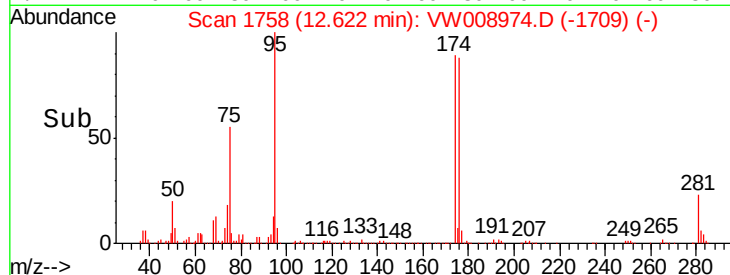
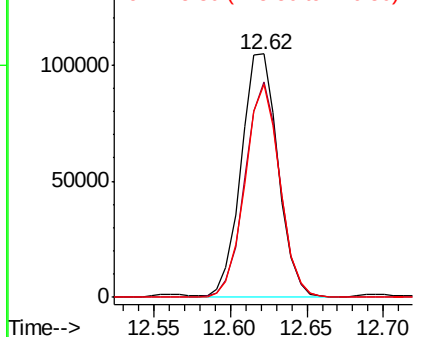
#62  
4-Bromofluorobenzene  
Concen: 40.003 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Tgt Ion: 95 Resp: 174416  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 169.2  
176 83.1 0.0 163.6

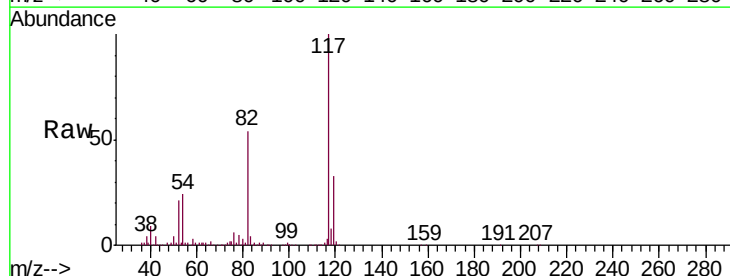


Abundance Ion 94.90 (94.60 to 95.60): VW  
Ion 173.80 (173.50 to 174.50): VW  
Ion 175.80 (175.50 to 176.50): VW

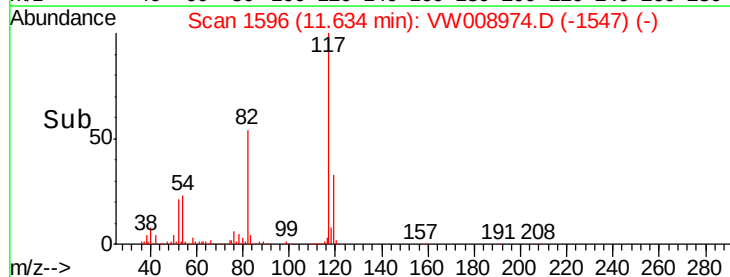
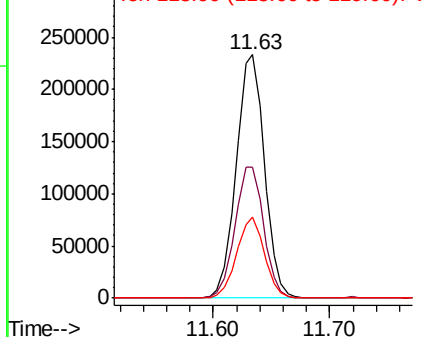


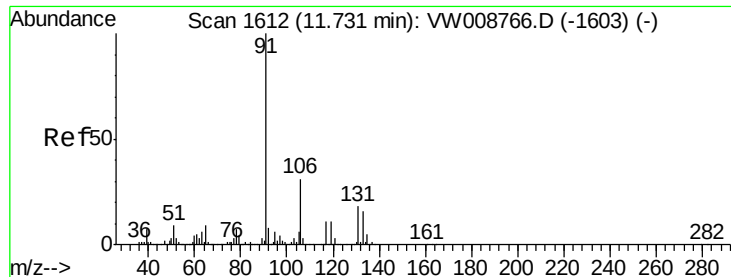
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 117 Resp: 395087  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.2 63.4  
119 33.3 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VW  
Ion 82.00 (81.70 to 82.70): VW  
Ion 118.90 (118.60 to 119.60): VW

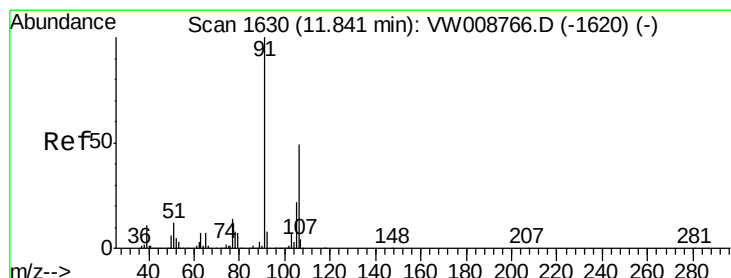
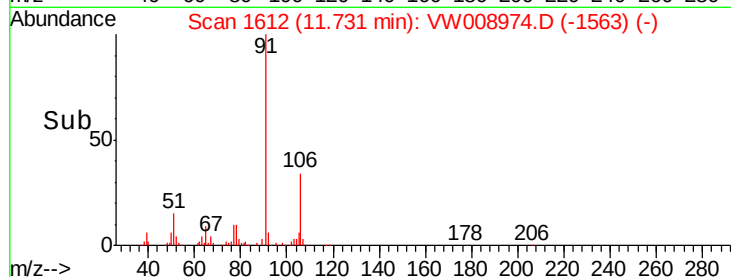
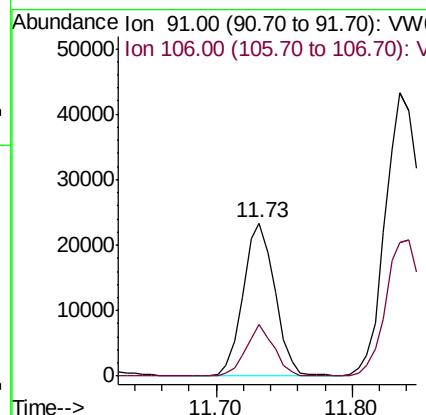
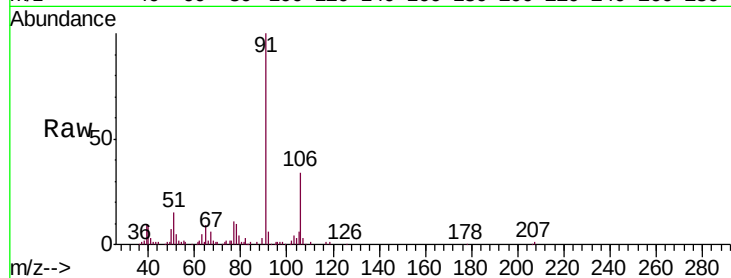




#67  
Ethyl Benzene  
Concen: 2.577 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

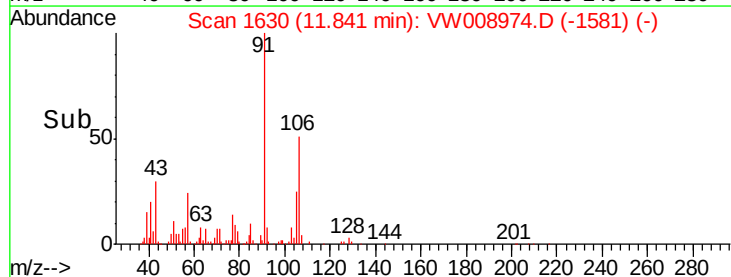
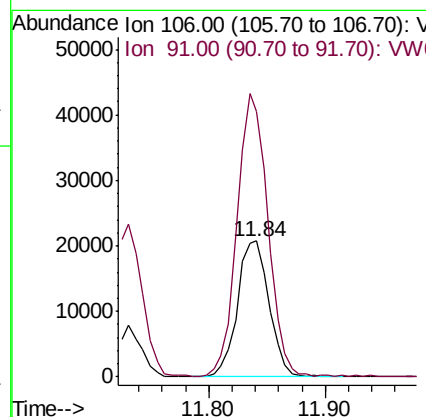
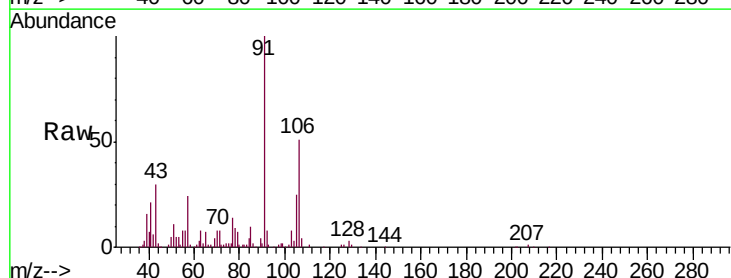
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Tgt Ion: 91 Resp: 38274  
Ion Ratio Lower Upper  
91 100  
106 33.8 25.0 37.6

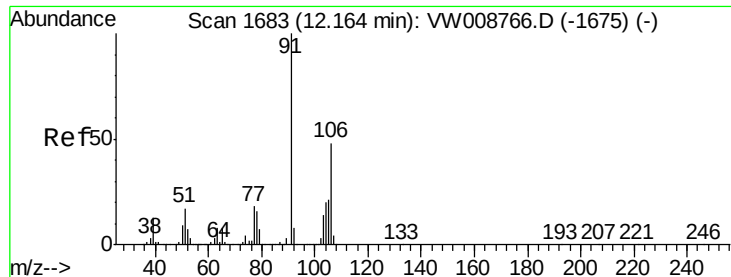


#68  
m/p-Xylenes  
Concen: 6.637 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 106 Resp: 39385  
Ion Ratio Lower Upper  
106 100  
91 201.5 161.5 242.3



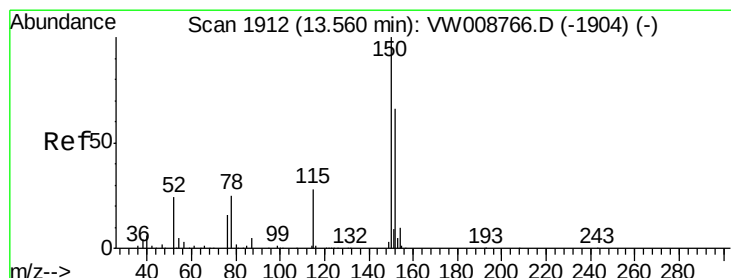
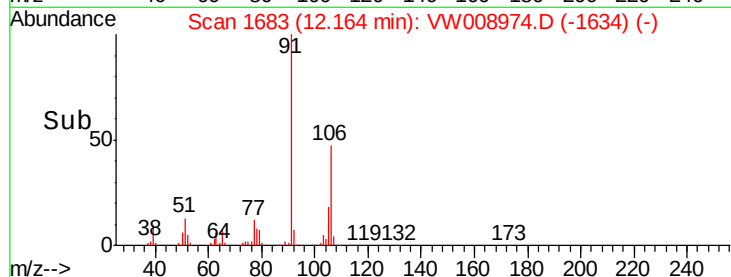
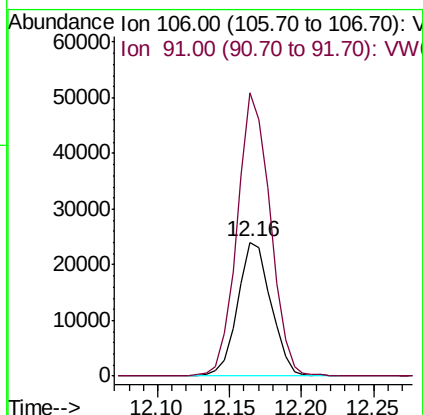
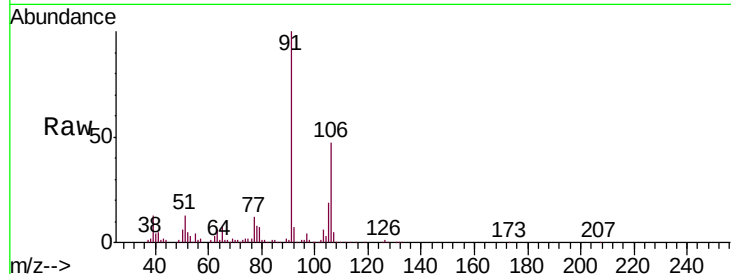




#69  
o-Xylene  
Concen: 6.944 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

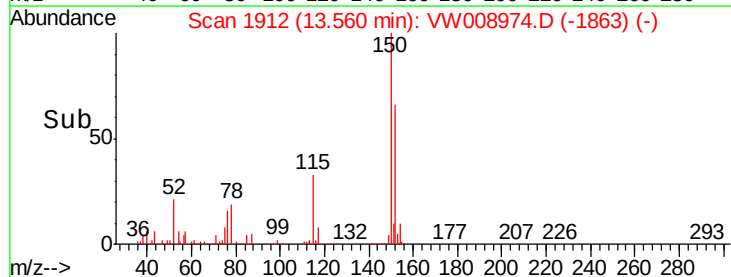
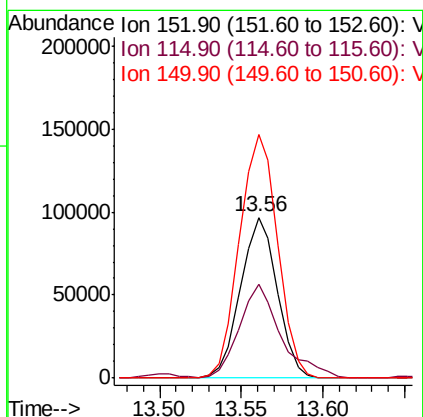
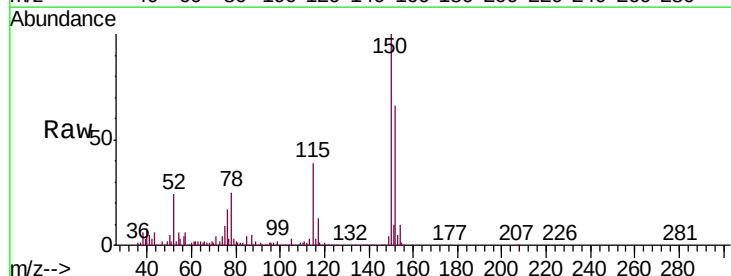
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

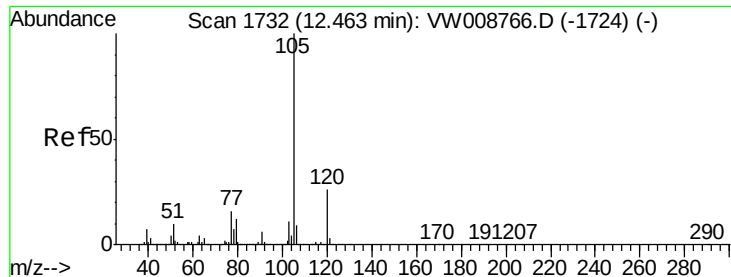
Tgt Ion:106 Resp: 38676  
Ion Ratio Lower Upper  
106 100  
91 210.4 106.2 318.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion:152 Resp: 152157  
Ion Ratio Lower Upper  
152 100  
115 65.6 28.6 85.8  
150 157.3 0.0 348.0





#73

Isopropylbenzene

Concen: 1.970 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Instrument :

MSVOA\_W

ClientSampleId :

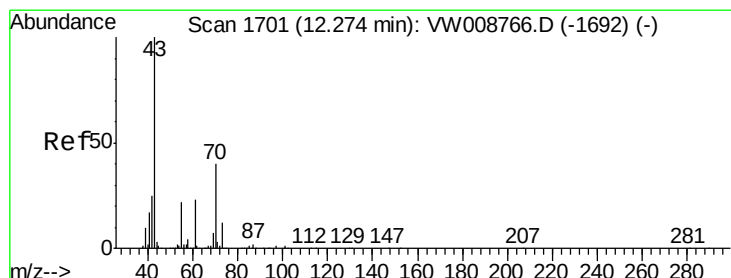
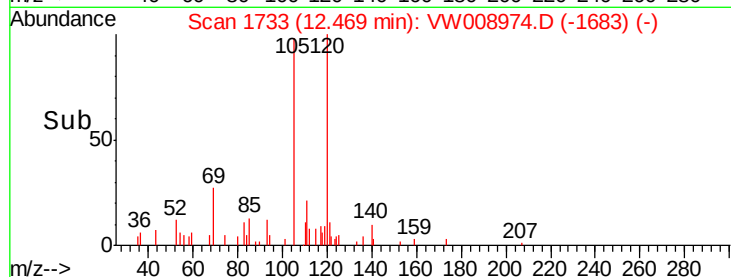
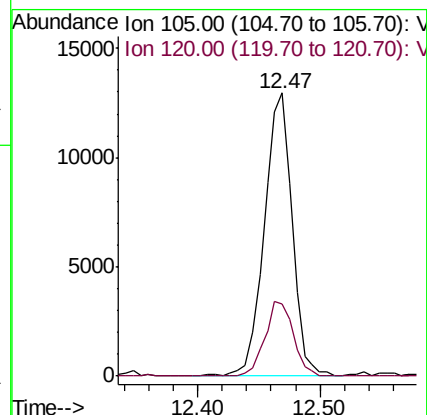
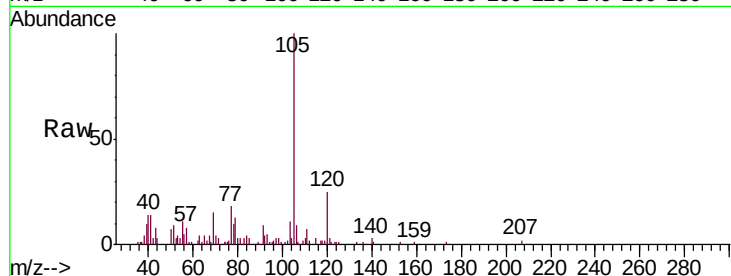
JC-03-030119-B

Tgt Ion:105 Resp: 20545

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 2.366 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008974.D

Acq: 04 Mar 2019 21:56

Tgt Ion: 43 Resp: 6216

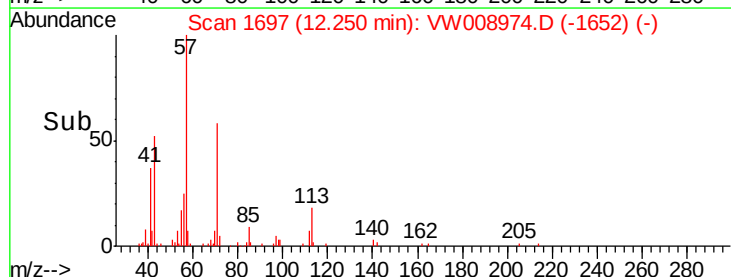
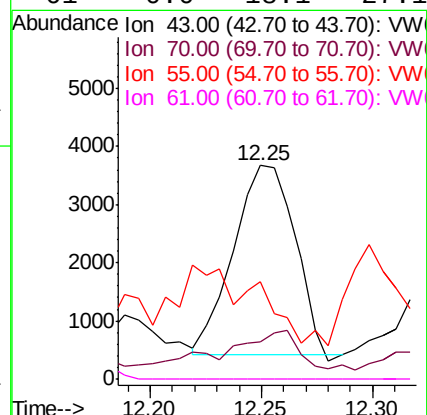
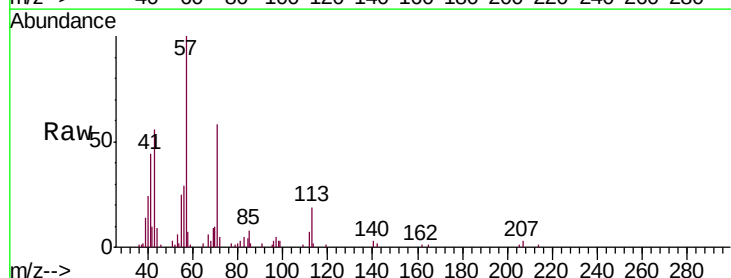
Ion Ratio Lower Upper

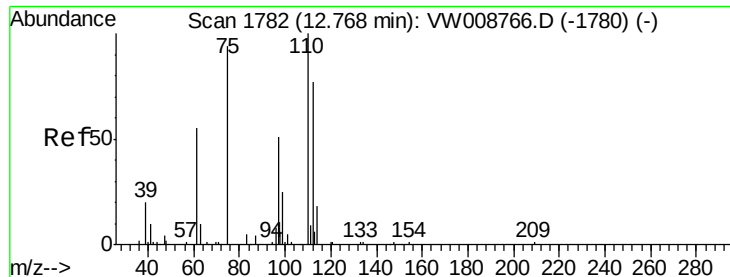
43 100

70 22.6 31.0 46.6#

55 0.0 18.7 28.1#

61 0.0 18.1 27.1#

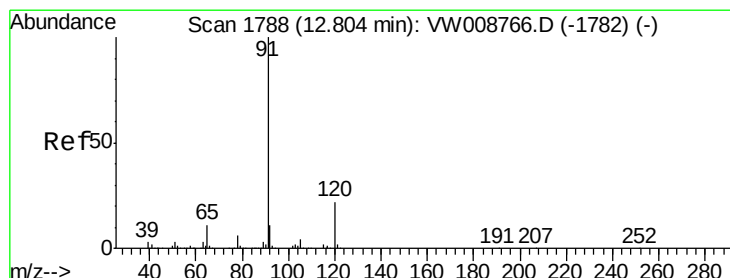
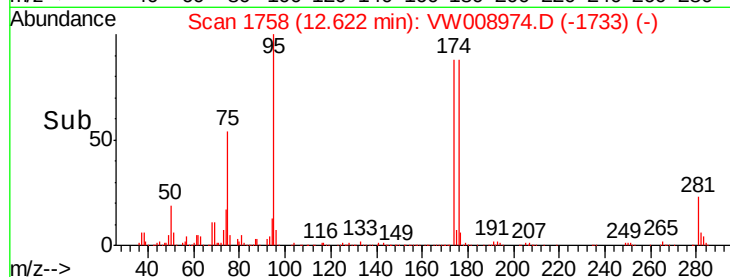
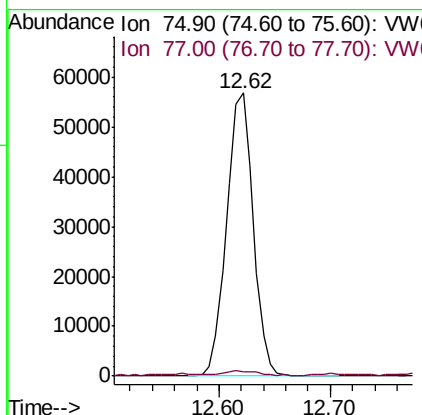
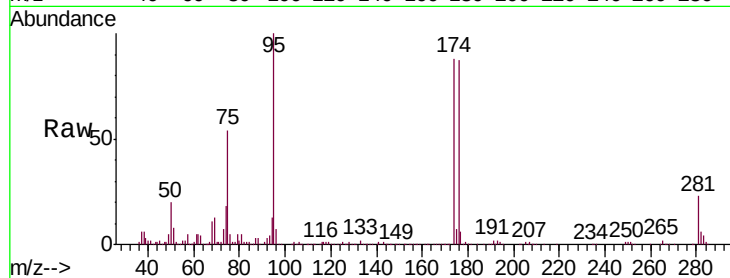




#76  
 1,2,3-Trichloropropane  
 Concen: 74.770 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.15 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

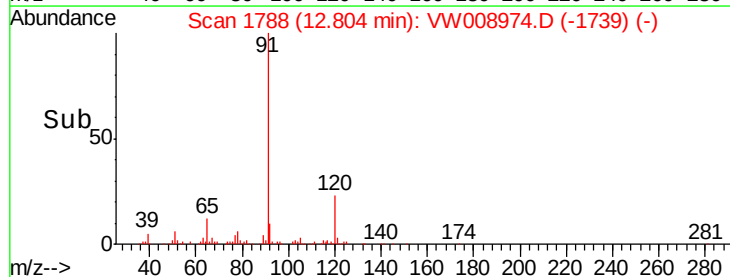
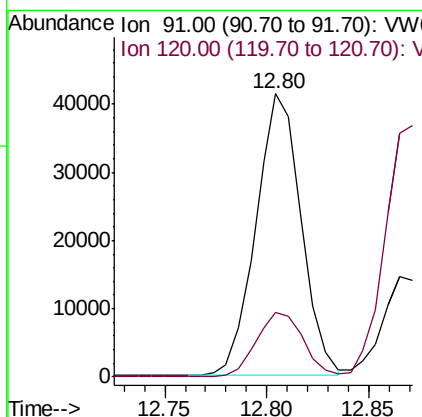
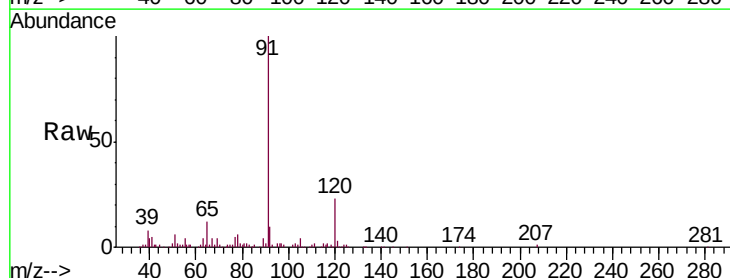
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JC-03-030119-B

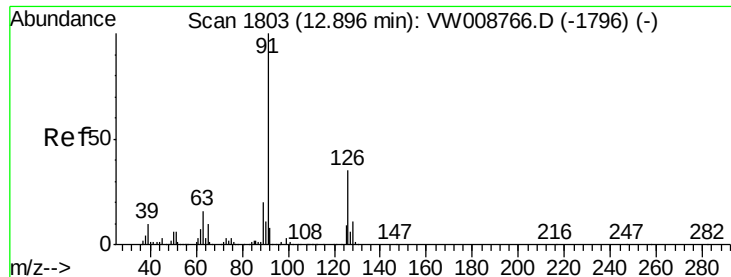
Tgt Ion: 75 Resp: 93931  
 Ion Ratio Lower Upper  
 75 100  
 77 2.1 0.0 0.0#



#78  
 n-propylbenzene  
 Concen: 4.967 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

Tgt Ion: 91 Resp: 63379  
 Ion Ratio Lower Upper  
 91 100  
 120 24.1 11.5 34.4

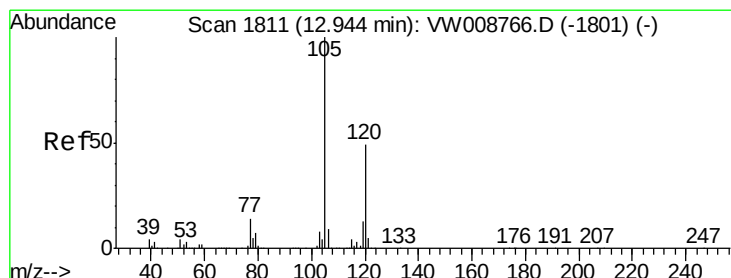
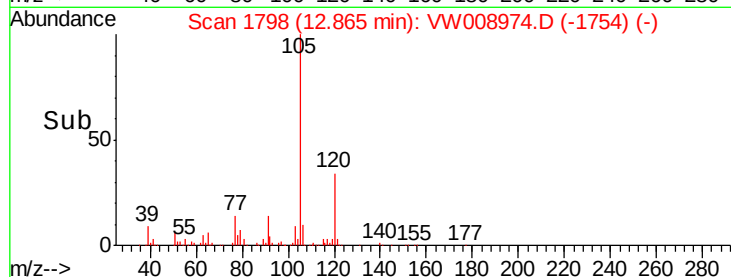
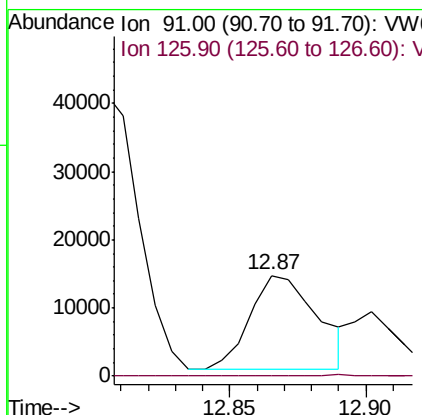
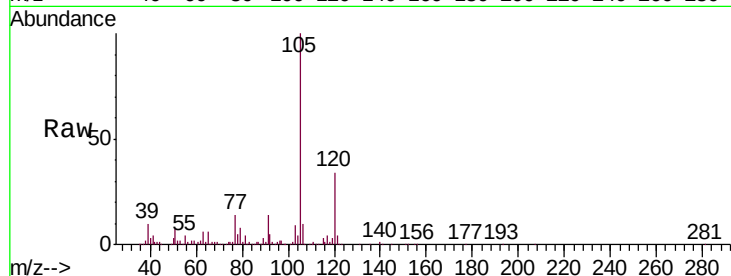




#79  
 2-Chlorotoluene  
 Concen: 3.251 ug/l  
 RT: 12.87 min Scan# 1798  
 Delta R.T. -0.03 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

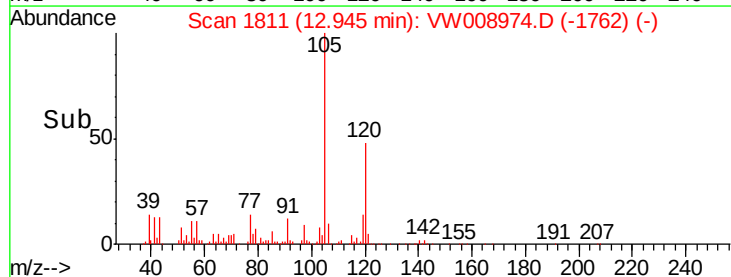
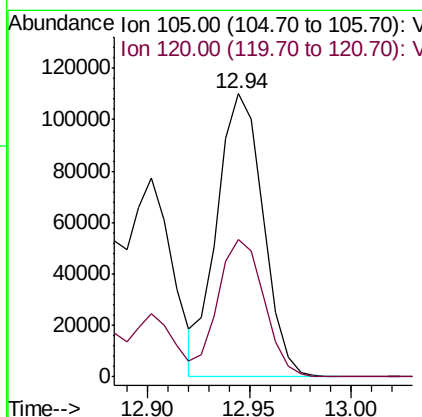
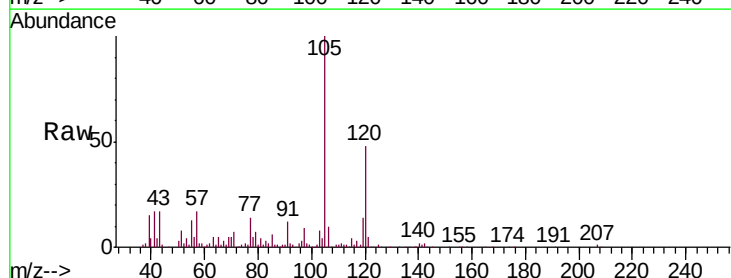
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JC-03-030119-B

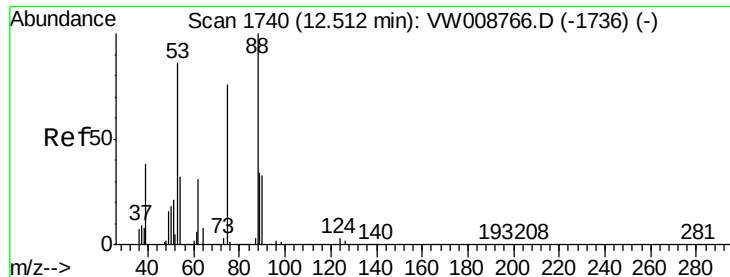
Tgt Ion: 91 Resp: 23550  
 Ion Ratio Lower Upper  
 91 100  
 126 0.4 17.0 51.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.965 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

Tgt Ion: 105 Resp: 171909  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 24.8 74.4

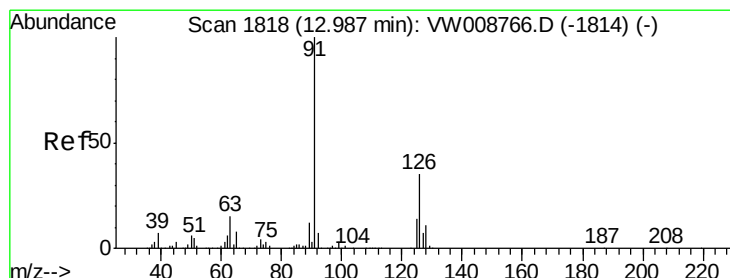
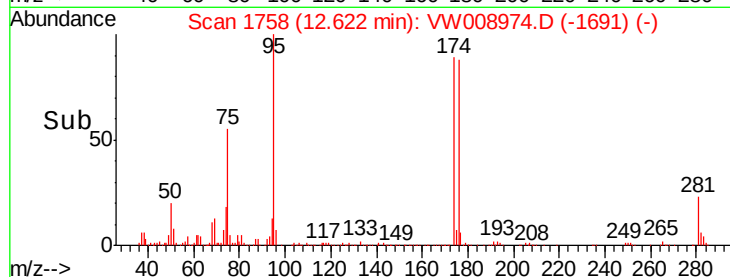
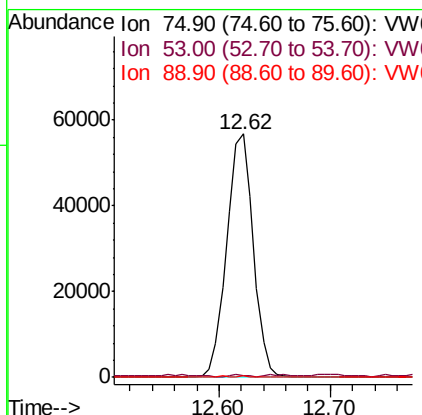
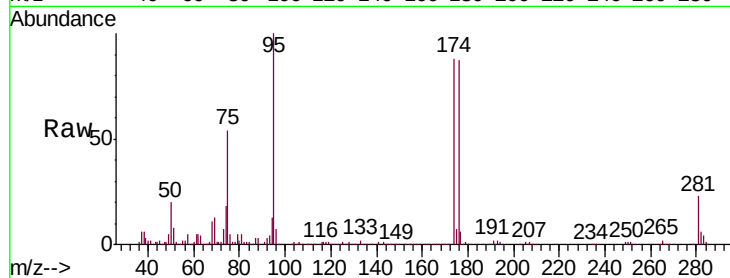




#81  
trans-1,4-Dichloro-2-butene  
Concen: 181.773 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.11 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

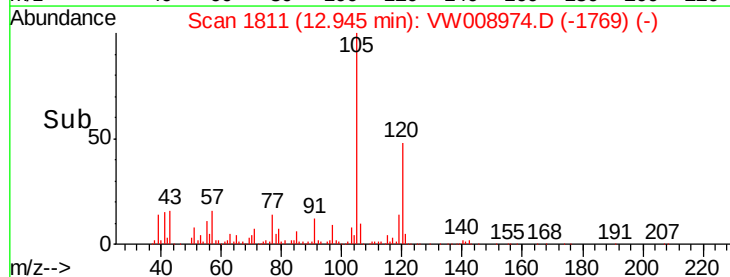
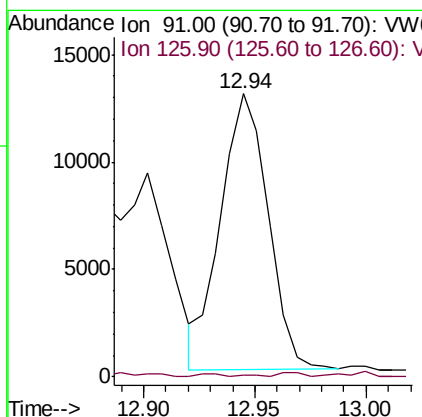
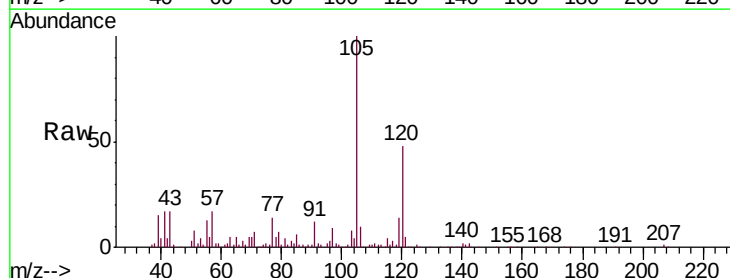
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

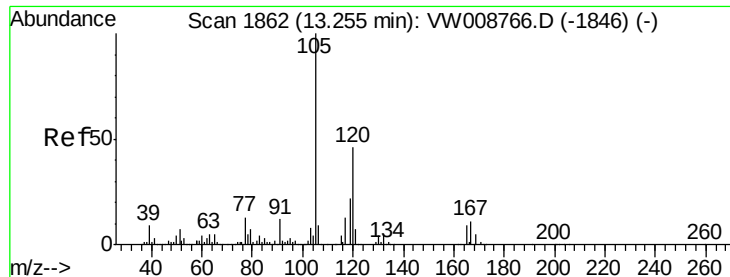
Tgt Ion: 75 Resp: 93931  
Ion Ratio Lower Upper  
75 100  
53 0.4 88.2 132.2#  
89 0.2 39.5 59.3#



#82  
4-Chlorotoluene  
Concen: 2.478 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.04 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 91 Resp: 18915  
Ion Ratio Lower Upper  
91 100  
126 0.9 17.2 51.6#

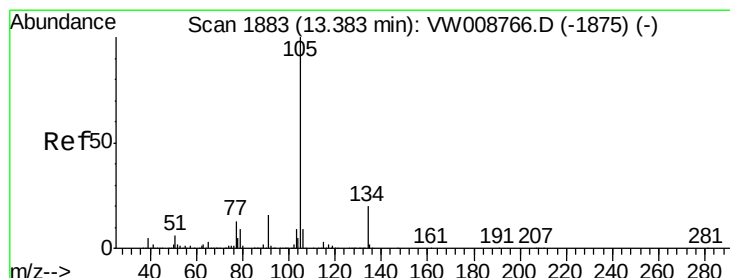
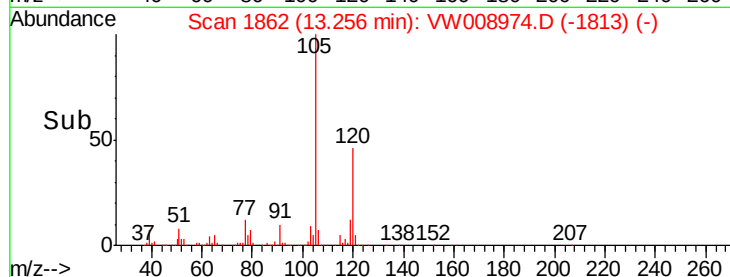
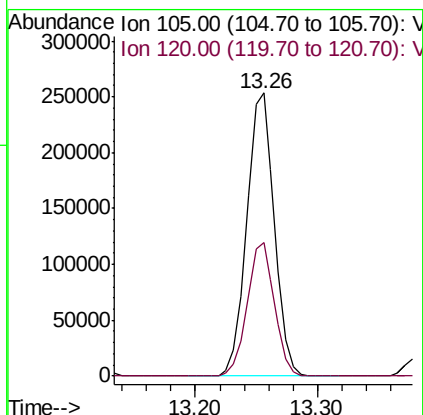
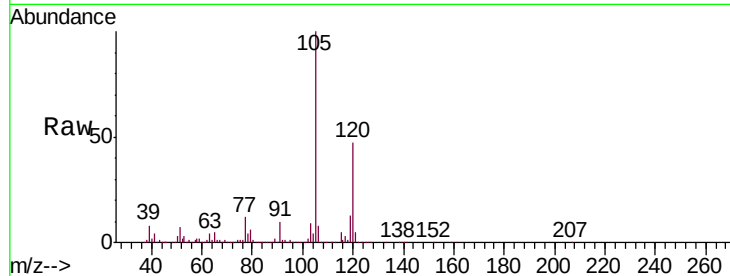




#84  
 1,2,4-Trimethylbenzene  
 Concen: 42.241 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

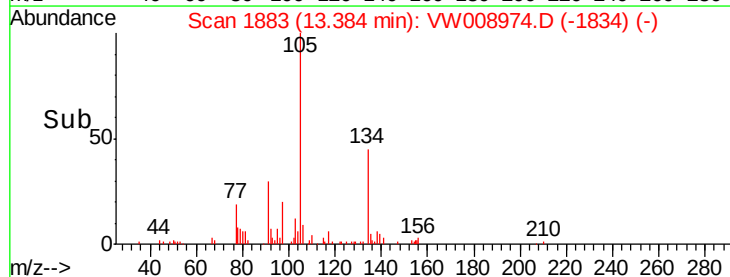
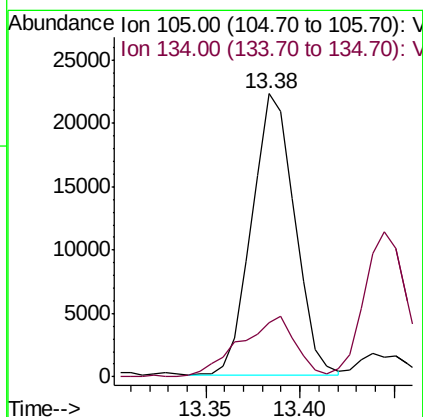
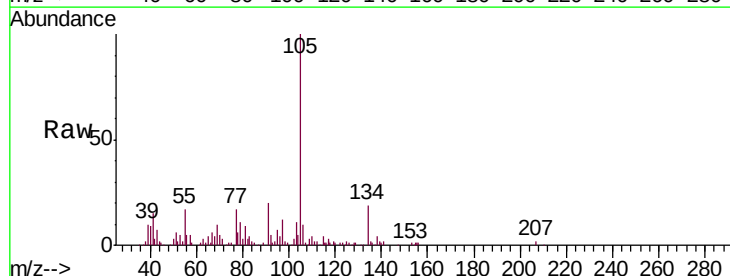
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JC-03-030119-B

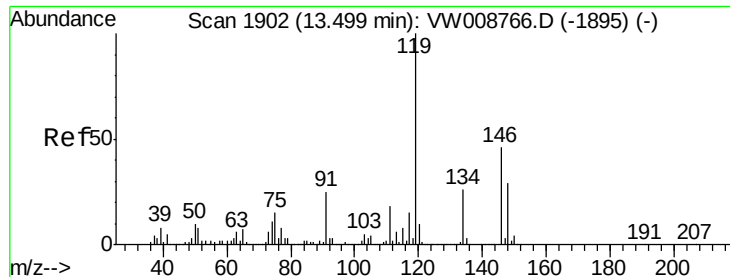
Tgt Ion:105 Resp: 396368  
 Ion Ratio Lower Upper  
 105 100  
 120 47.0 22.8 68.4



#85  
 sec-Butylbenzene  
 Concen: 3.109 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VW008974.D  
 Acq: 04 Mar 2019 21:56

Tgt Ion:105 Resp: 35037  
 Ion Ratio Lower Upper  
 105 100  
 134 28.1 10.4 31.1

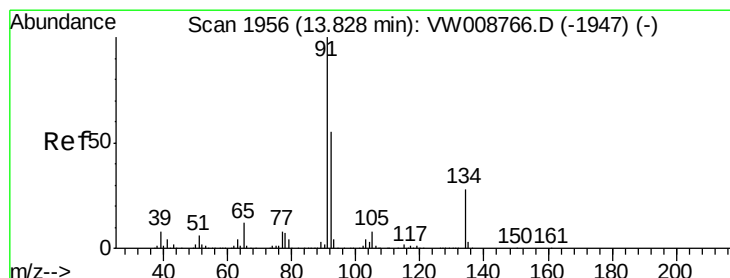
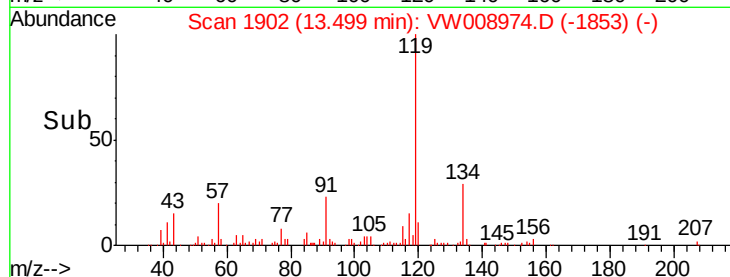
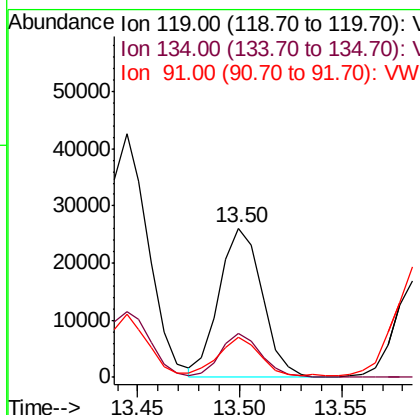
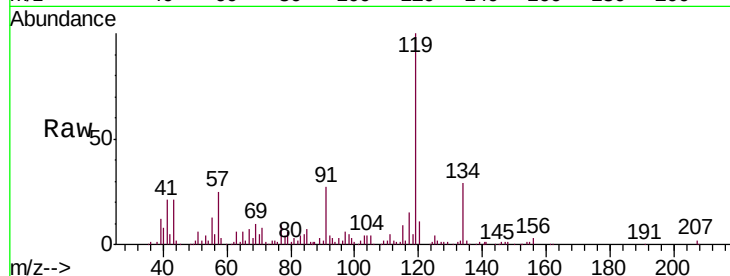




#86  
p-Isopropyltoluene  
Concen: 3.708 ug/l  
RT: 13.50 min Scan# 1902  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

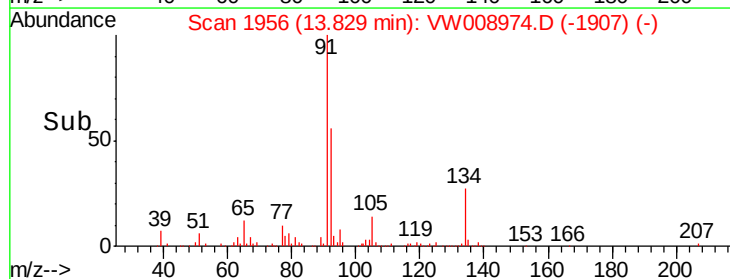
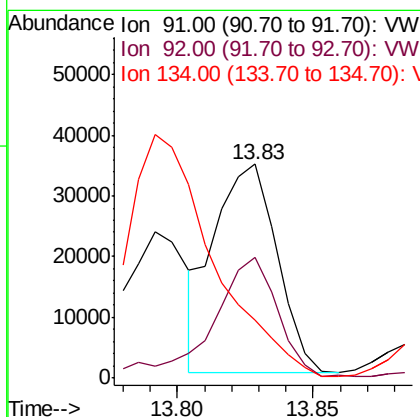
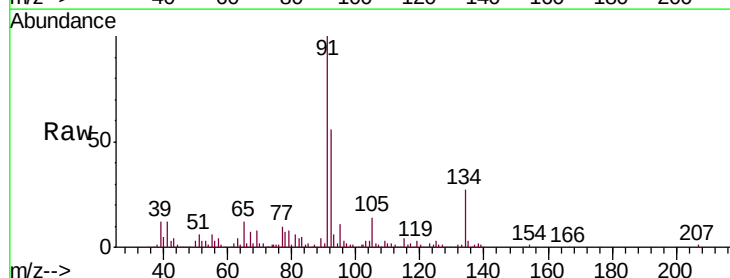
Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

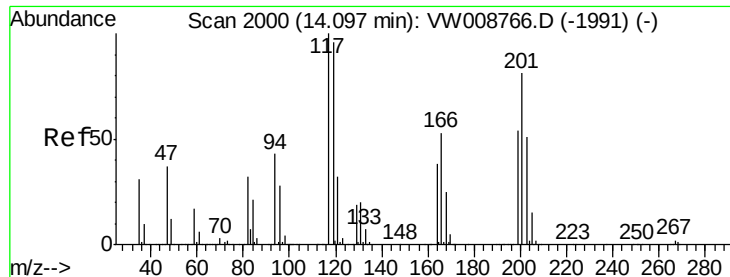
Tgt Ion: 119 Resp: 38313  
Ion Ratio Lower Upper  
119 100  
134 27.9 13.1 39.3  
91 25.3 12.1 36.3



#89  
n-Butylbenzene  
Concen: 5.699 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 91 Resp: 55159  
Ion Ratio Lower Upper  
91 100  
92 56.8 26.8 80.4  
134 0.0 13.5 40.4#

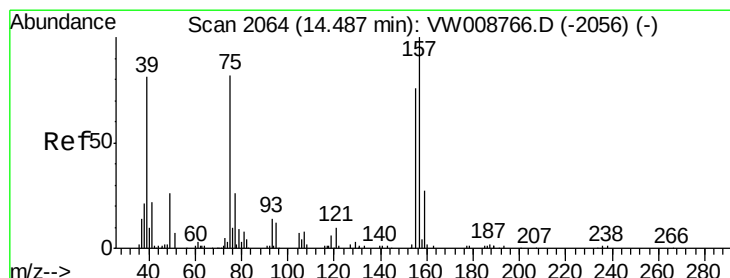
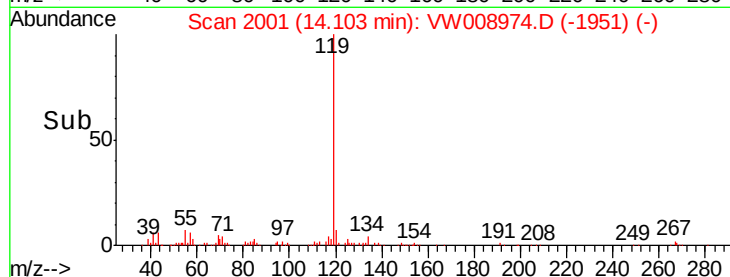
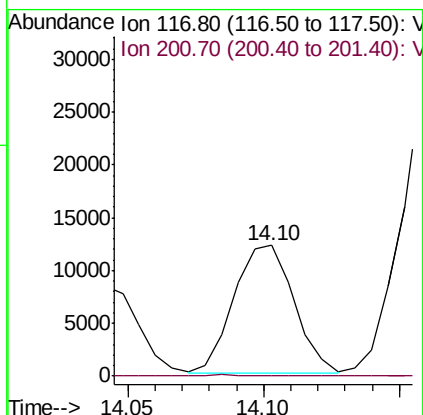
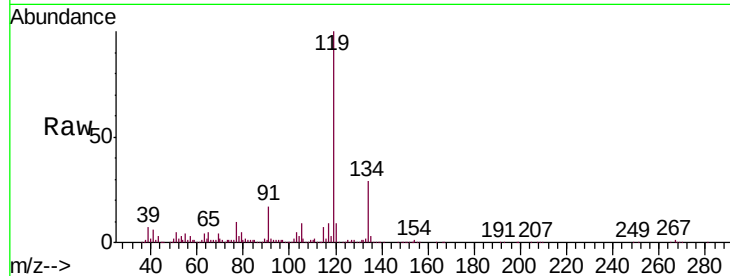




#90  
Hexachloroethane  
Concen: 10.970 ug/l  
RT: 14.10 min Scan# 2001  
Delta R.T. 0.01 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

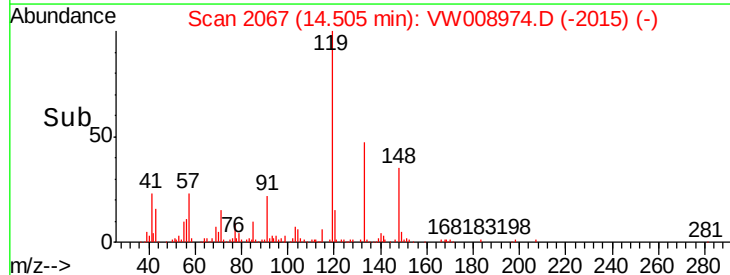
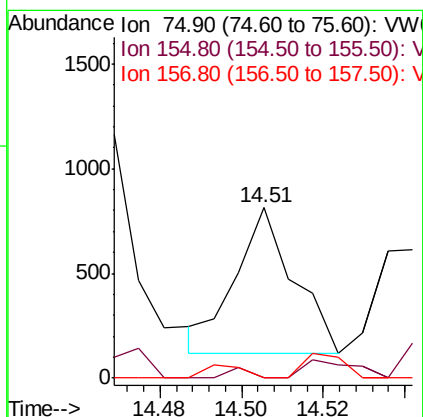
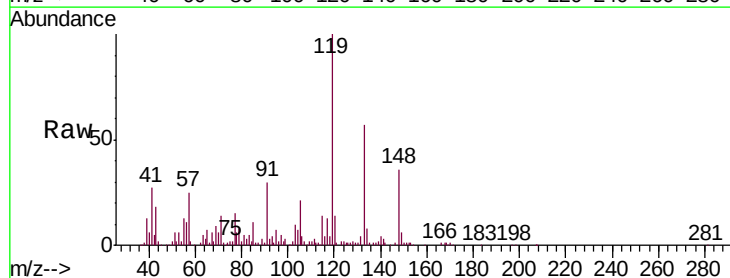
Instrument :  
MSVOA\_W  
ClientSampled :  
JC-03-030119-B

Tgt Ion: 117 Resp: 18555  
Ion Ratio Lower Upper  
117 100  
201 0.5 40.3 120.8#

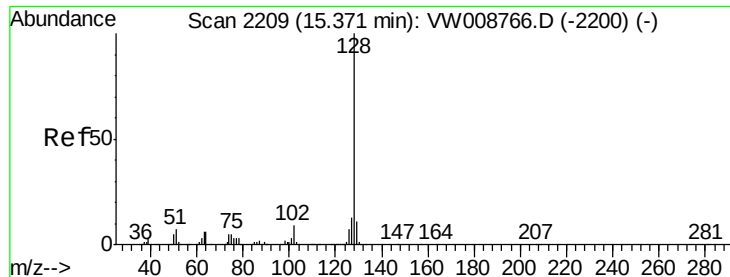


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.222 ug/l  
RT: 14.51 min Scan# 2067  
Delta R.T. 0.02 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Tgt Ion: 75 Resp: 685  
Ion Ratio Lower Upper  
75 100  
155 0.0 41.8 125.4#  
157 6.1 56.6 169.9#



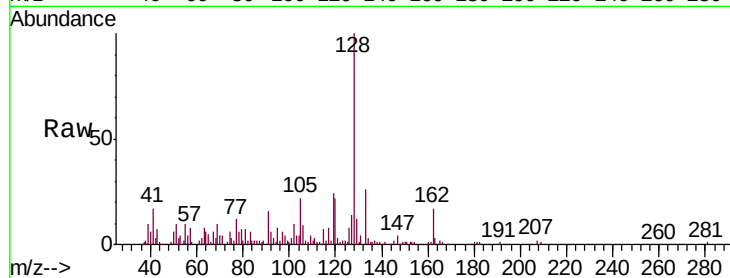




#95  
Naphthalene  
Concen: 12.010 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW008974.D  
Acq: 04 Mar 2019 21:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
JC-03-030119-B

Tgt Ion:128 Resp: 67140  
Ion Ratio Lower Upper  
128 100  
127 15.9 10.8 16.2  
129 16.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

