

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020222\  
 Data File : VW022058.D  
 Acq On : 03 Feb 2022 03:25  
 Operator : SY/VA  
 Sample : N1363-06  
 Misc : 6.83g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLZ2

Quant Time: Feb 03 05:04:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Feb 03 01:57:48 2022  
 Response via : Initial Calibration

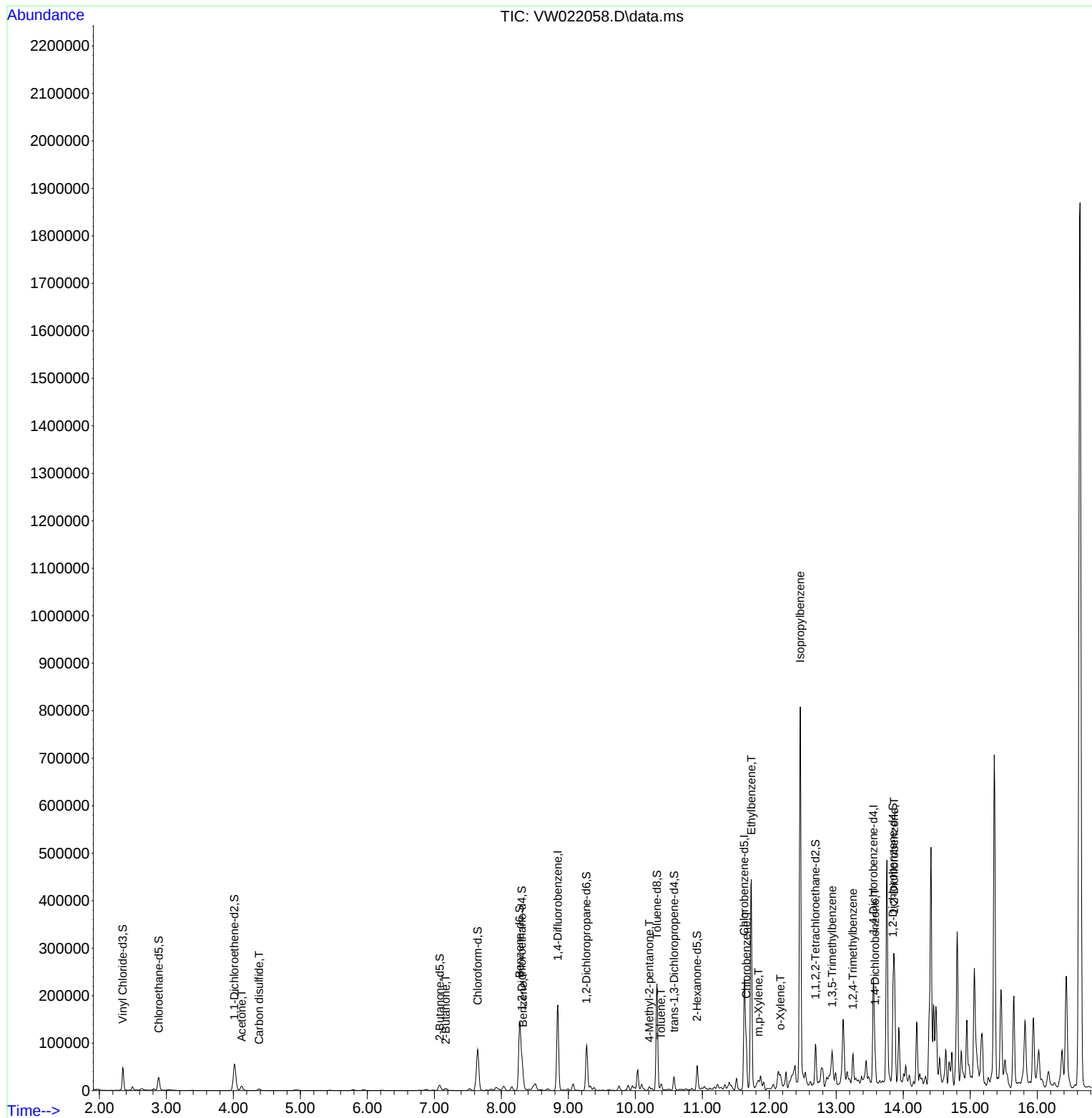
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 150256     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 131233     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 62950      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 42864      | 23.683   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 94.720%  |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 29602      | 21.245   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.960%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 50347      | 15.745   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 62.960%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 18353      | 57.171   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 114.340% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 78136      | 22.351   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.400%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 41407      | 23.808   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.240%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 154381     | 23.279   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.120%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.268          | 67   | 43059      | 23.870   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.480%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 148477     | 22.590   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 90.360%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 15102      | 19.116   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.480%  |        |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 16123      | 61.478   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 122.960% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 38158      | 25.936   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 103.760% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847         | 152  | 50547      | 22.259   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.040%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 15625      | 52.116   | ug/L   | 97       |
| 14) Carbon disulfide          | 4.385          | 76   | 7208       | 1.476    | ug/L   | 98       |
| 22) 2-Butanone                | 7.171          | 43   | 5632       | 14.509   | ug/L   | 94       |
| 33) Benzene                   | 8.324          | 78   | 13034      | 1.894    | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.207         | 43   | 4665       | 6.292    | ug/L   | 97       |
| 42) Toluene                   | 10.384         | 91   | 10562      | 1.354    | ug/L   | 95       |
| 51) Chlorobenzene             | 11.658         | 112  | 51145      | 9.635    | ug/L   | 94       |
| 52) Ethylbenzene              | 11.731         | 91   | 320144     | 37.202   | ug/L   | 98       |
| 53) m,p-Xylene                | 11.841         | 106  | 5752       | 1.611    | ug/L   | 95       |
| 54) o-Xylene                  | 12.164         | 106  | 5441       | 1.629    | ug/L   | 95       |
| 60) Isopropylbenzene          | 12.463         | 105  | 523529     | 63.655   | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.939         | 105  | 10976      | 2.012    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 34759      | 5.230    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 13.579         | 146  | 14504      | 3.677    | ug/L   | 92       |
| 67) 1,2-Dichlorobenzene       | 13.865         | 146  | 66501      | 18.988   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

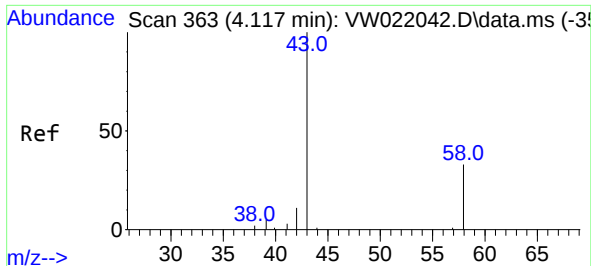
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Quant Title : SFAM01.0  
QLast Update : Thu Feb 03 01:57:48 2022  
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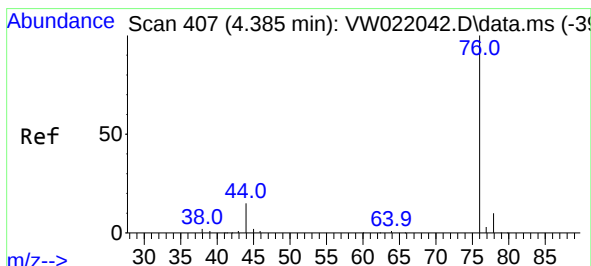
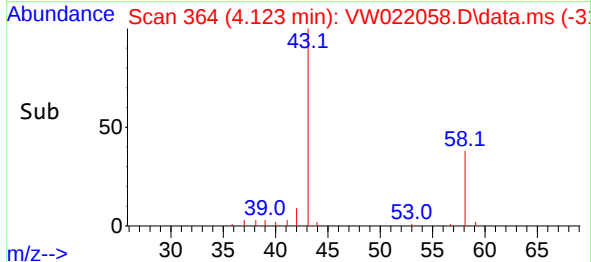
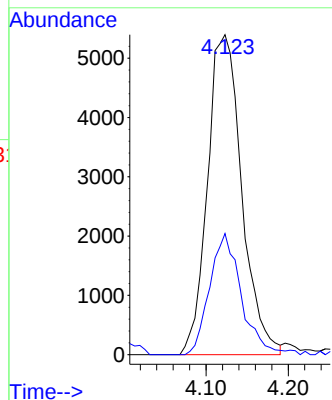
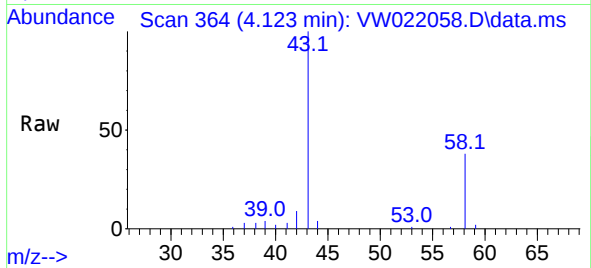




#13  
Acetone  
Concen: 52.116 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

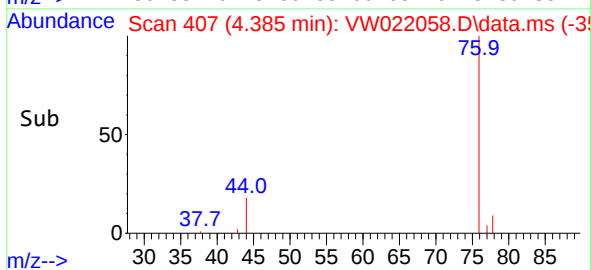
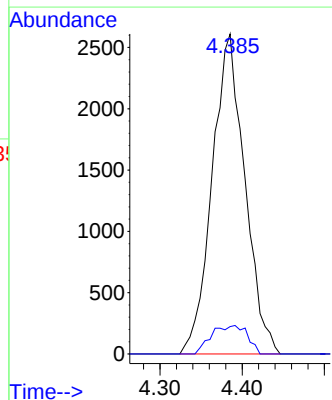
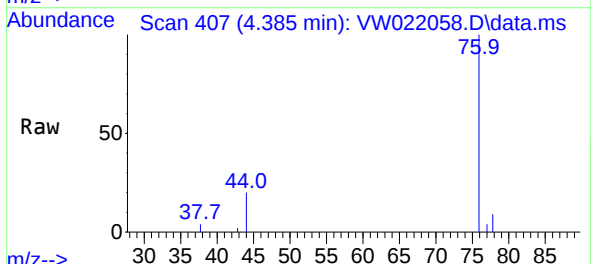
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLZ2

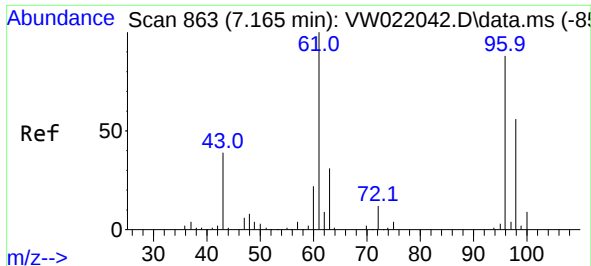
Tgt Ion: 43 Resp: 15625  
Ion Ratio Lower Upper  
43 100  
58 34.7 0.0 66.0



#14  
Carbon disulfide  
Concen: 1.476 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

Tgt Ion: 76 Resp: 7208  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.2





#22

2-Butanone

Concen: 14.509 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022058.D

Acq: 03 Feb 2022 03:25

Instrument :

MSVOA\_W

ClientSampleId :

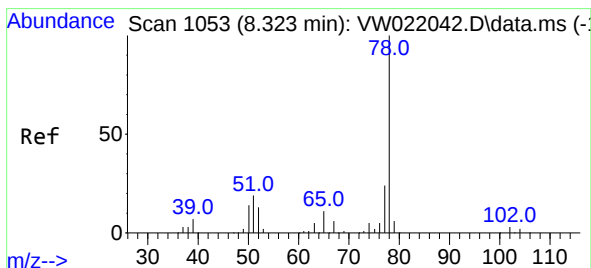
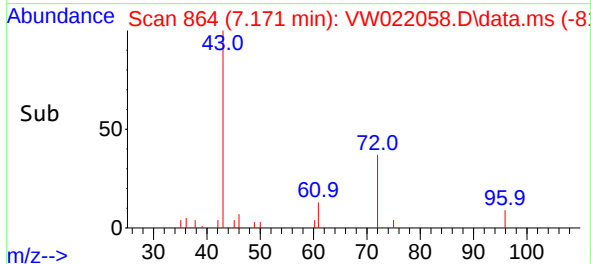
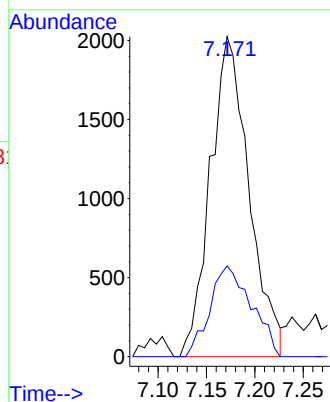
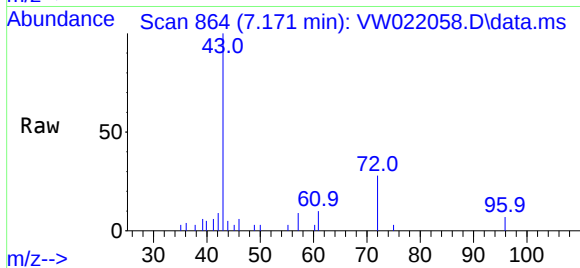
BGLZ2

Tgt Ion: 43 Resp: 5632

Ion Ratio Lower Upper

43 100

72 30.4 16.8 50.4



#33

Benzene

Concen: 1.894 ug/L

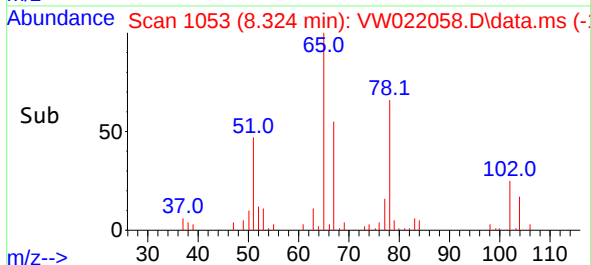
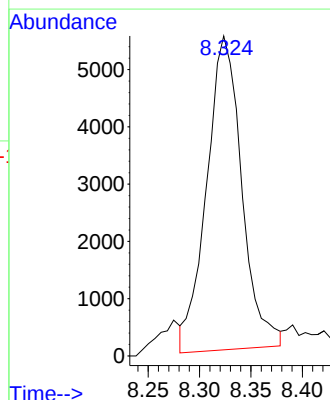
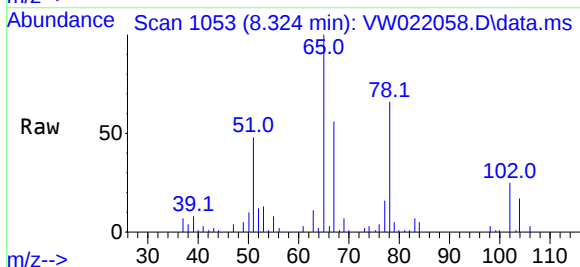
RT: 8.324 min Scan# 1053

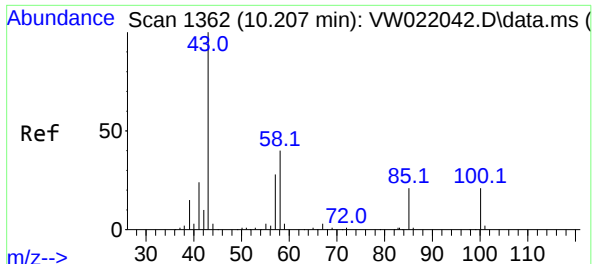
Delta R.T. 0.000 min

Lab File: VW022058.D

Acq: 03 Feb 2022 03:25

Tgt Ion: 78 Resp: 13034





#40

4-Methyl-2-pentanone

Concen: 6.292 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022058.D

Acq: 03 Feb 2022 03:25

Instrument :

MSVOA\_W

ClientSampleId :

BGLZ2

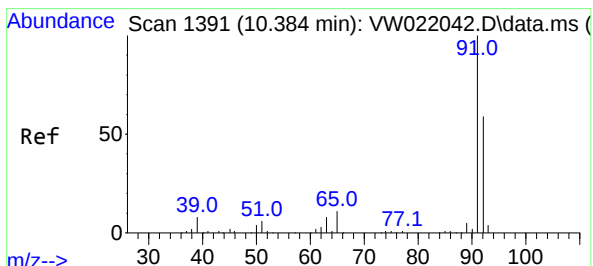
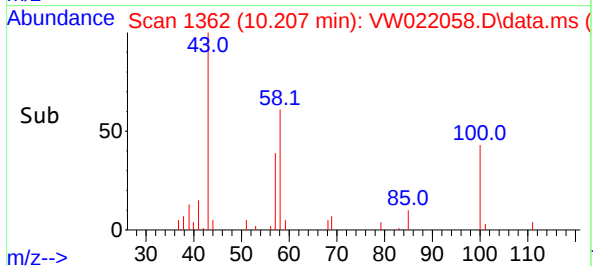
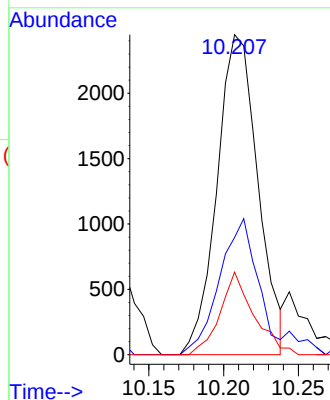
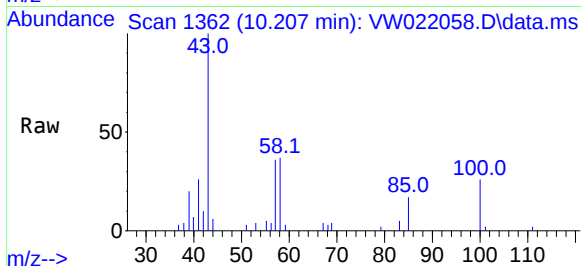
Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

58 39.9 34.4 51.6

100 21.4 17.0 25.4



#42

Toluene

Concen: 1.354 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022058.D

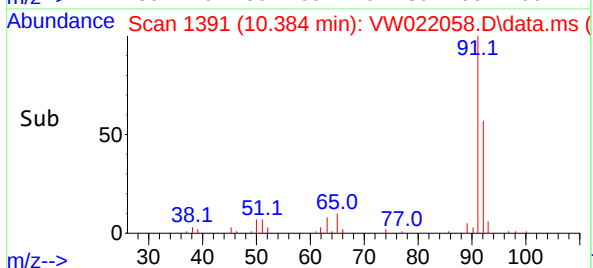
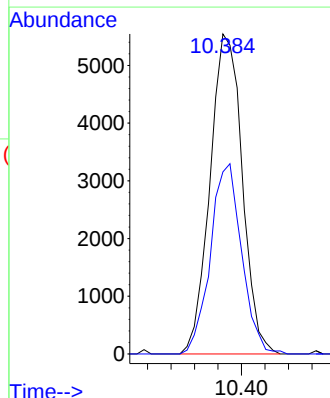
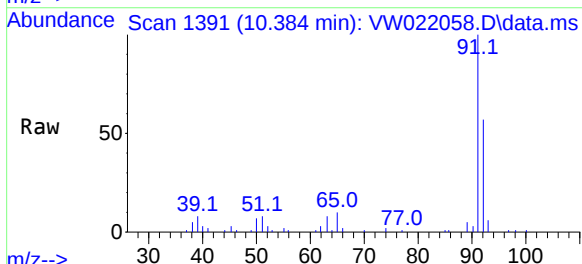
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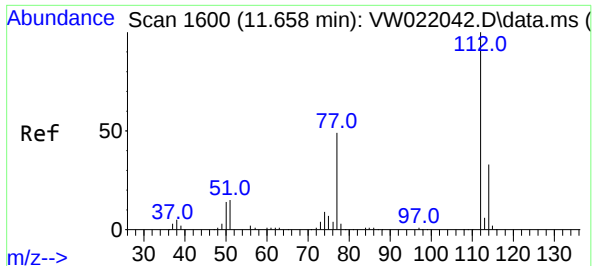
Tgt Ion: 91 Resp: 10562

Ion Ratio Lower Upper

91 100

92 56.9 42.6 79.2

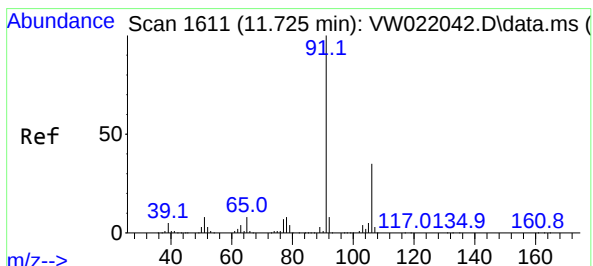
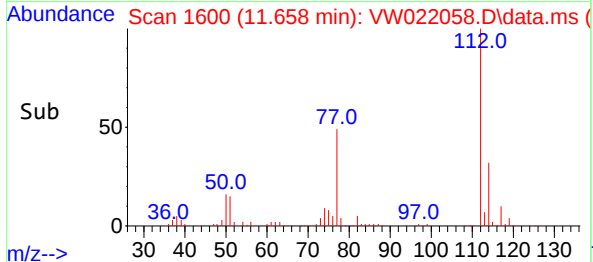
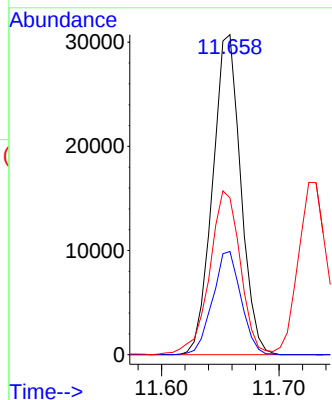
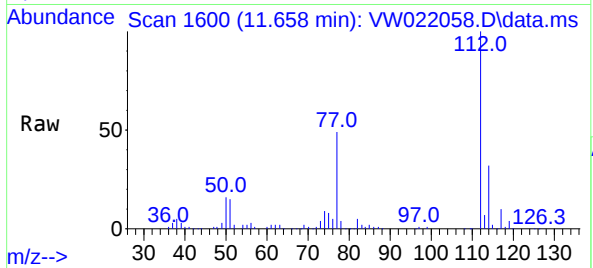




#51  
Chlorobenzene  
Concen: 9.635 ug/L  
RT: 11.658 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

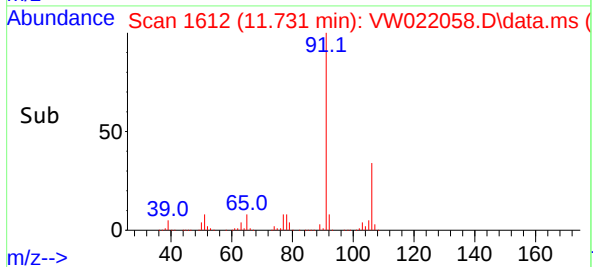
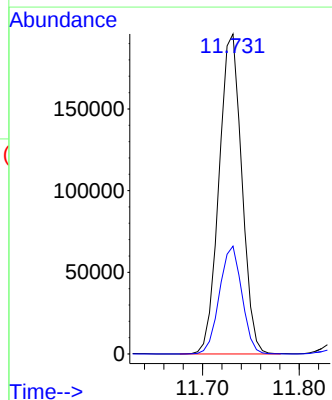
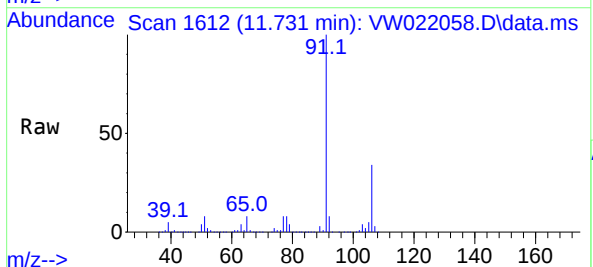
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ClientSampleId :  
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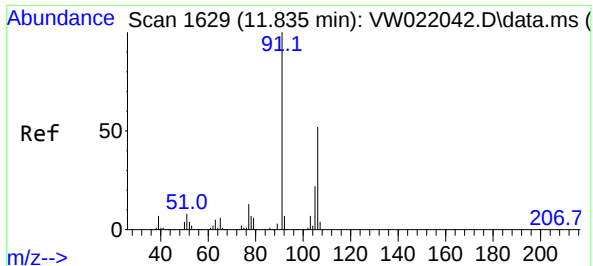
Tgt Ion:112 Resp: 51145  
Ion Ratio Lower Upper  
112 100  
114 32.3 21.5 39.9  
77 49.0 43.6 65.4



#52  
Ethylbenzene  
Concen: 37.202 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

Tgt Ion: 91 Resp: 320144  
Ion Ratio Lower Upper  
91 100  
106 33.7 22.8 42.4

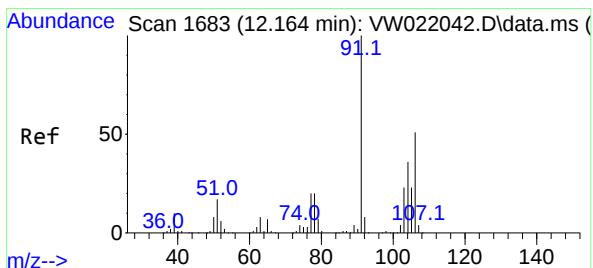
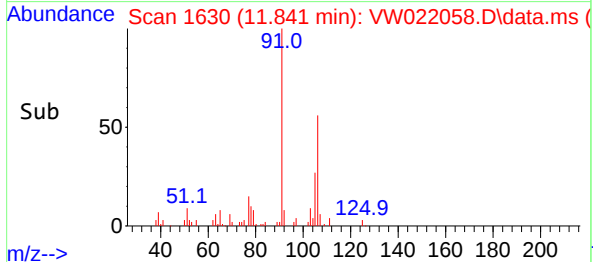
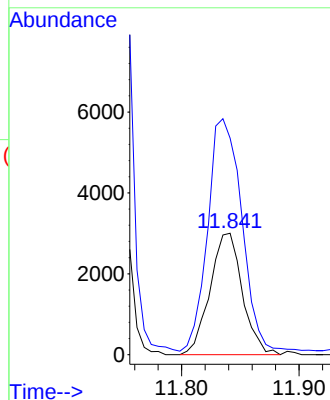
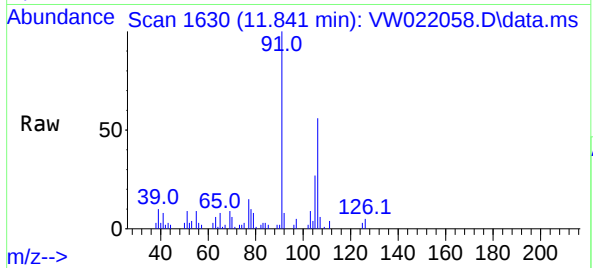




#53  
m,p-Xylene  
Concen: 1.611 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

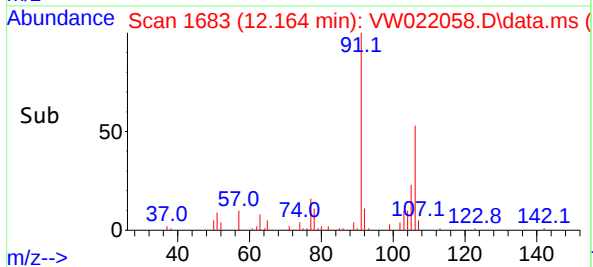
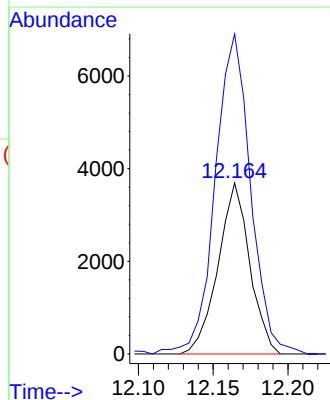
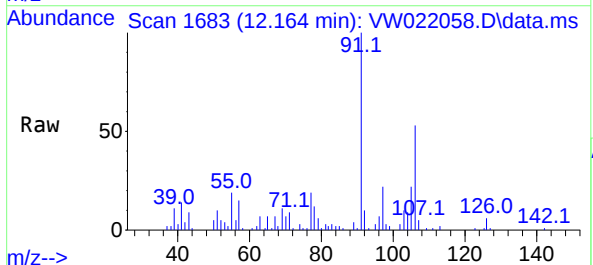
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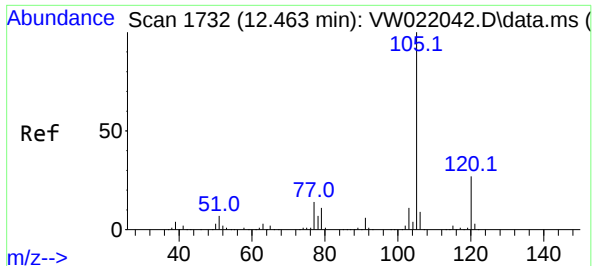
Tgt Ion:106 Resp: 5752  
Ion Ratio Lower Upper  
106 100  
91 178.3 129.6 240.8



#54  
o-Xylene  
Concen: 1.629 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

Tgt Ion:106 Resp: 5441  
Ion Ratio Lower Upper  
106 100  
91 187.2 136.4 253.4

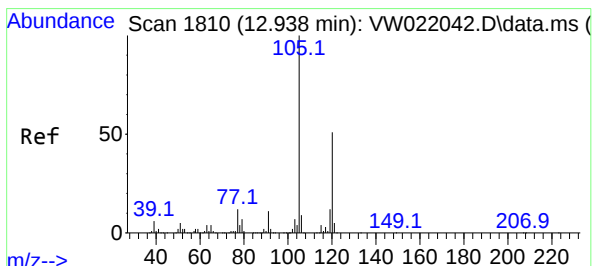
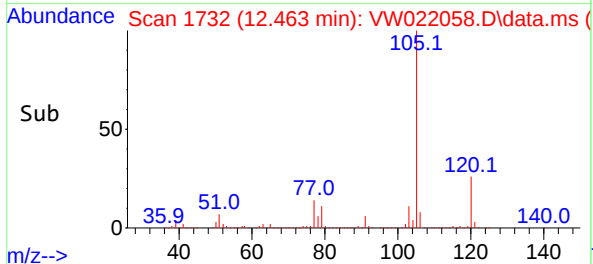
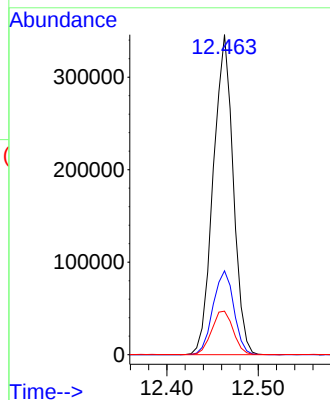
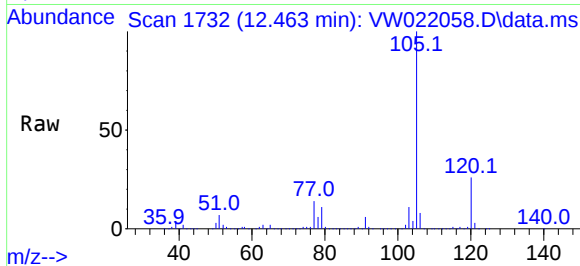




#60  
Isopropylbenzene  
Concen: 63.655 ug/L  
RT: 12.463 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

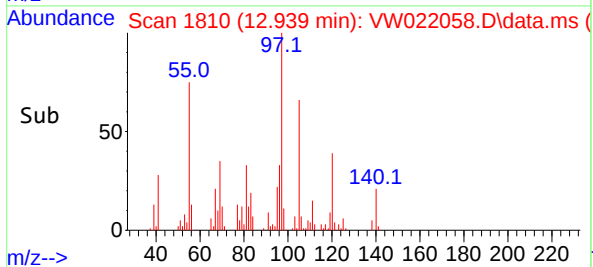
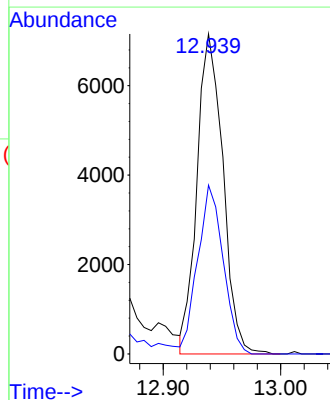
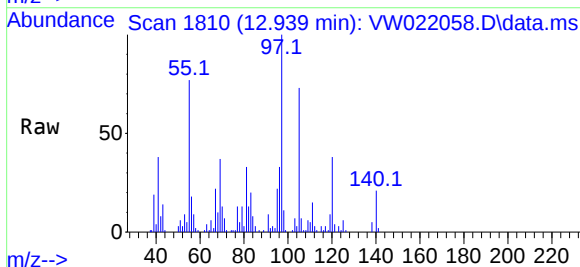
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ClientSampleId :  
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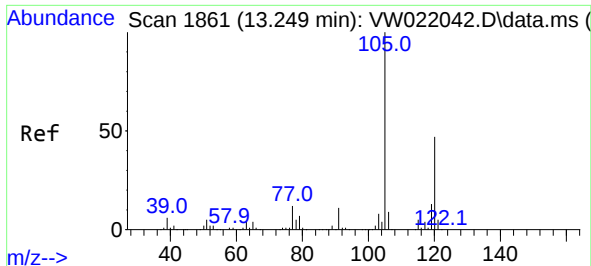
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Ion Ratio Lower Upper  
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120 27.4 22.1 33.1  
77 14.7 11.8 17.8



#62  
1,3,5-Trimethylbenzene  
Concen: 2.012 ug/L  
RT: 12.939 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

Tgt Ion:105 Resp: 10976  
Ion Ratio Lower Upper  
105 100  
120 51.9 40.9 61.3





#63

1,2,4-Trimethylbenzene

Concen: 5.230 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022058.D

Acq: 03 Feb 2022 03:25

Instrument :

MSVOA\_W

ClientSampleId :

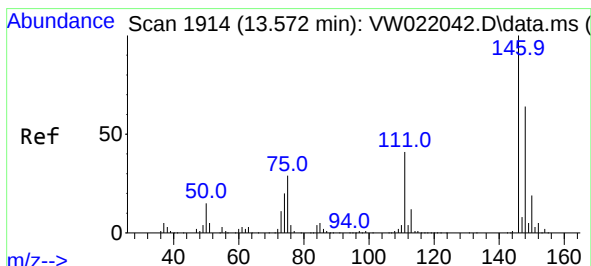
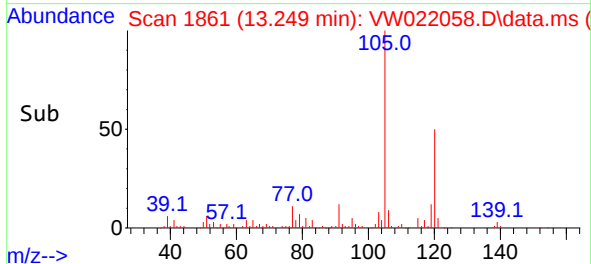
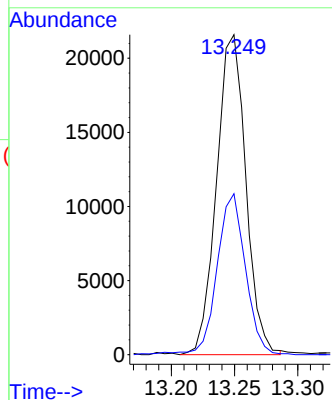
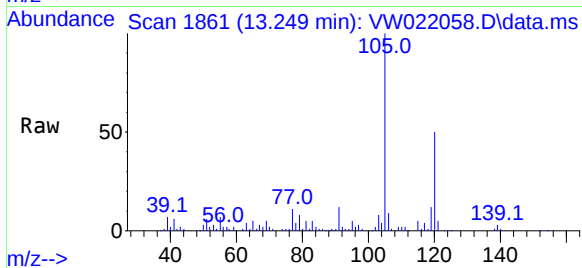
BGLZ2

Tgt Ion:105 Resp: 34759

Ion Ratio Lower Upper

105 100

120 48.0 37.8 56.8



#65

1,4-Dichlorobenzene

Concen: 3.677 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022058.D

Acq: 03 Feb 2022 03:25

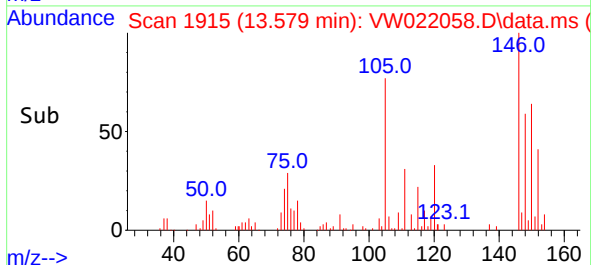
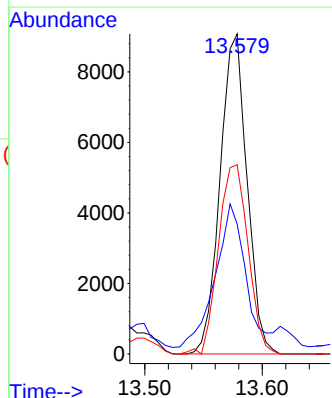
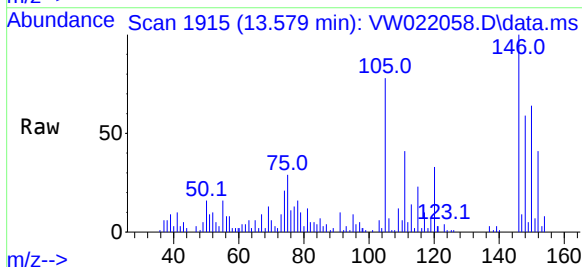
Tgt Ion:146 Resp: 14504

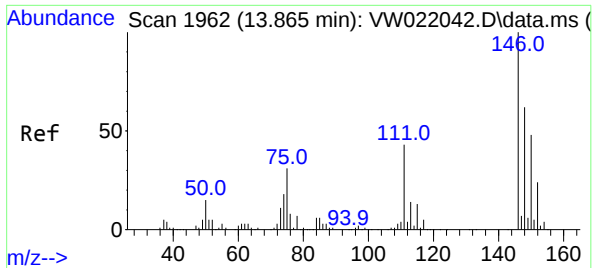
Ion Ratio Lower Upper

146 100

111 40.6 24.4 45.4

148 59.2 45.4 84.2





1,2-Dichlorobenzene  
Concen: 18.988 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: VW022058.D  
Acq: 03 Feb 2022 03:25

Tgt Ion:146 Resp: 66501  
Ion Ratio Lower Upper  
146 100  
111 41.5 32.2 48.4  
148 62.5 51.0 76.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLZ2

