

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060421\  
 Data File : VW019124.D  
 Acq On : 04 Jun 2021 11:40  
 Operator : SY/VA  
 Sample : M2596-09RE  
 Misc : 4.73G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG5Q5RE

Quant Time: Jun 05 00:38:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 05 00:35:45 2021  
 Response via : Initial Calibration

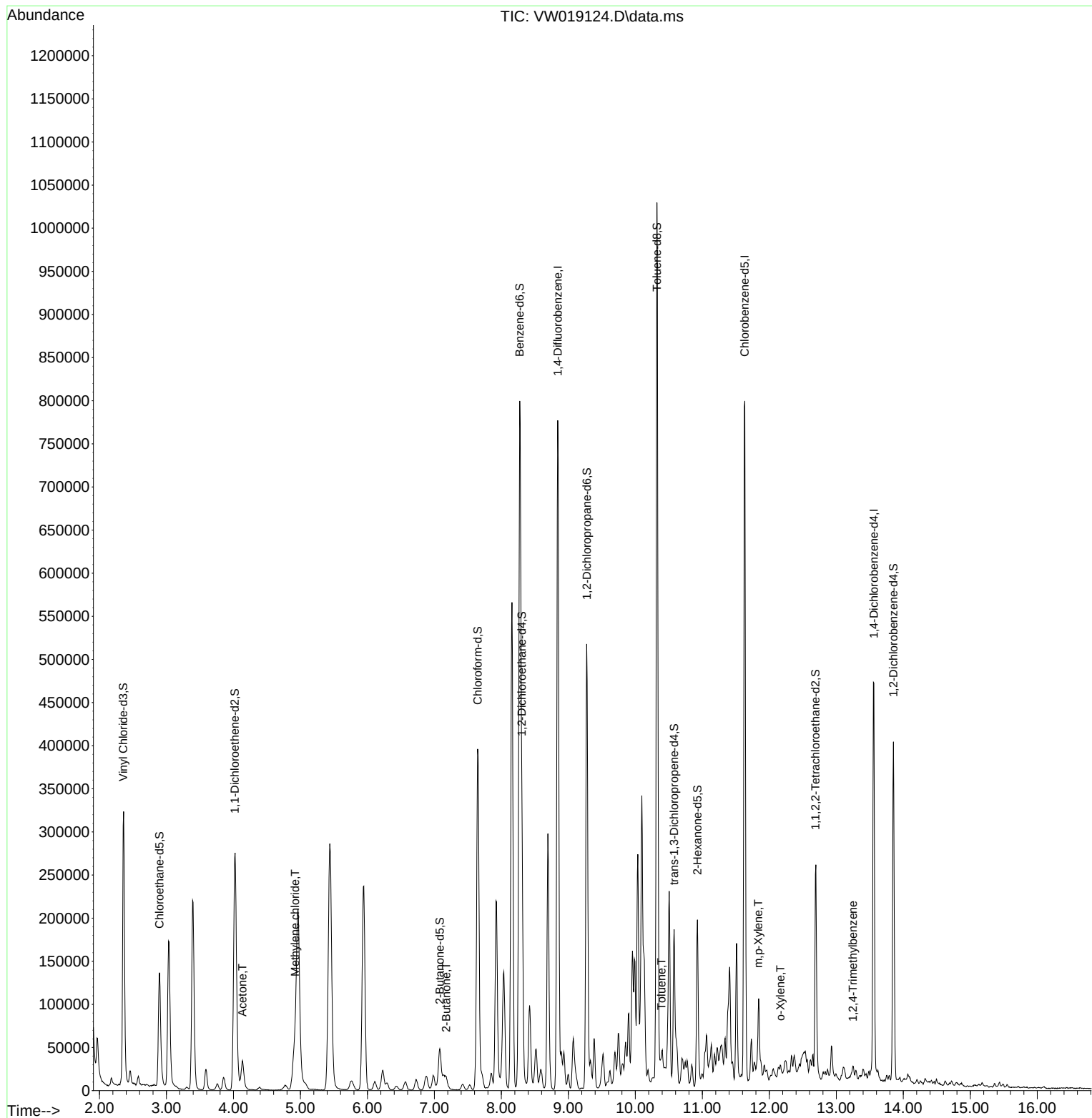
| Compound                      | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                         |                |      |                      |        |        |          |
| Internal Standards            |                |      |                      |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 617470               | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 420543               | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 122253               | 25.000 | ug/L   | 0.00     |
|                               |                |      |                      |        |        |          |
| System Monitoring Compounds   |                |      |                      |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 228494               | 27.985 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 111.920%  |        |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 179642               | 25.832 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 103.320%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 304415               | 18.765 | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 75.040%   |        |        |          |
| 21) 2-Butanone-d5             | 7.079          | 46   | 72845                | 34.059 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 68.120%   |        |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 400133               | 24.103 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 96.400%   |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 200646               | 21.548 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 86.200%   |        |        |          |
| 32) Benzene-d6                | 8.274          | 84   | 817505               | 34.120 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 136.480%# |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 238745               | 32.868 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 131.480%# |        |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 645681               | 29.343 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 117.360%  |        |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 82983                | 26.378 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 105.520%  |        |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 60589                | 49.190 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 98.380%   |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 124258               | 20.738 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 82.960%   |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 99381                | 23.290 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 93.160%   |        |        |          |
|                               |                |      |                      |        |        |          |
| Target Compounds              |                |      |                      |        | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 58980                | 31.121 | ug/L   | 92       |
| 16) Methylene chloride        | 4.921          | 84   | 22028                | 1.923  | ug/L   | 91       |
| 22) 2-Butanone                | 7.177          | 43   | 18325                | 7.232  | ug/L   | 98       |
| 42) Toluene                   | 10.390         | 91   | 17030                | 0.572  | ug/L   | 97       |
| 53) m,p-Xylene                | 11.835         | 106  | 5592                 | 0.463  | ug/L   | 97       |
| 54) o-Xylene                  | 12.164         | 106  | 3240                 | 0.282  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 7235                 | 0.482  | ug/L   | 90       |
| -----                         |                |      |                      |        |        |          |

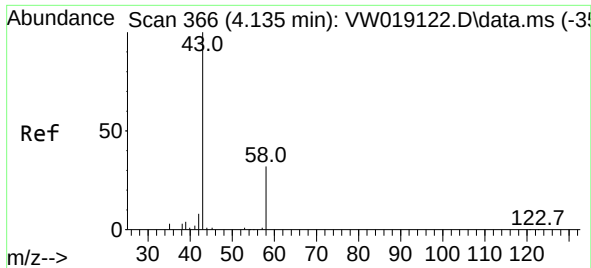
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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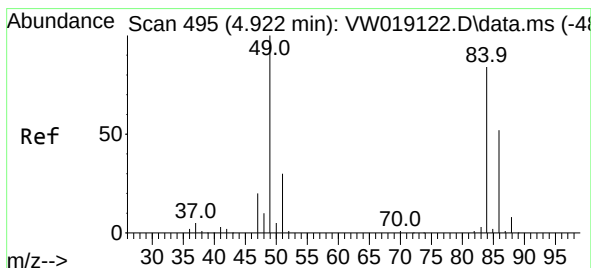
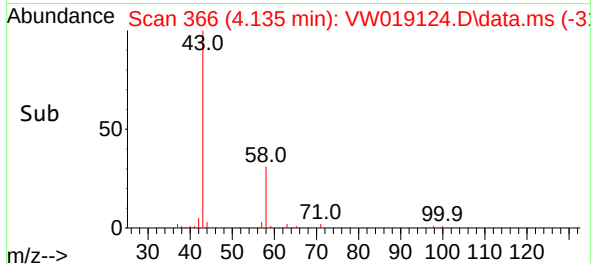
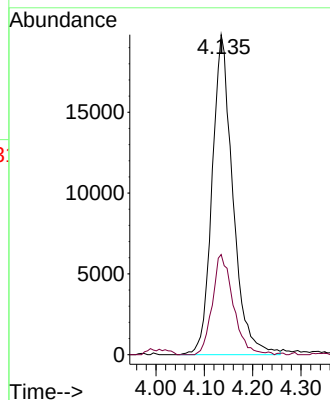
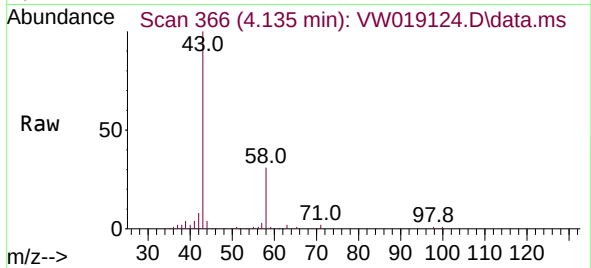




#13  
Acetone  
Concen: 31.121 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VW019124.D  
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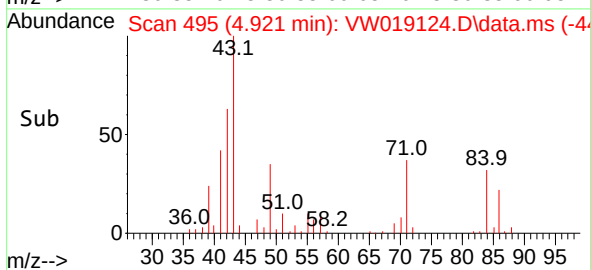
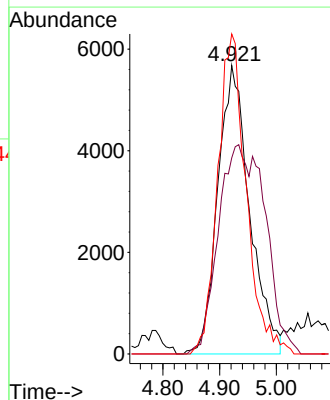
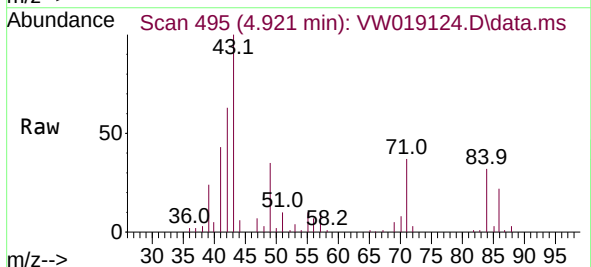
Instrument :  
MSVOA\_W  
ClientSampled :  
BG5Q5RE

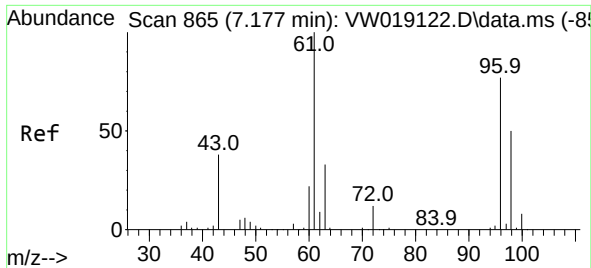
Tgt Ion: 43 Resp: 58980  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 53.8



#16  
Methylene chloride  
Concen: 1.923 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019124.D  
Acq: 04 Jun 2021 11:40

Tgt Ion: 84 Resp: 22028  
Ion Ratio Lower Upper  
84 100  
86 67.9 45.3 84.1  
49 110.9 86.6 160.8

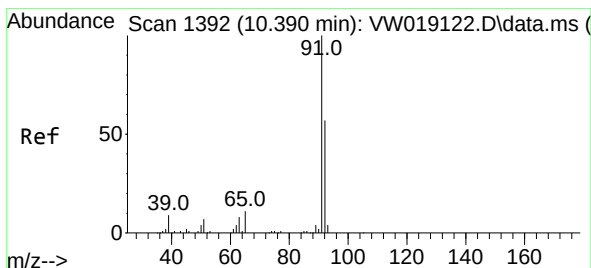
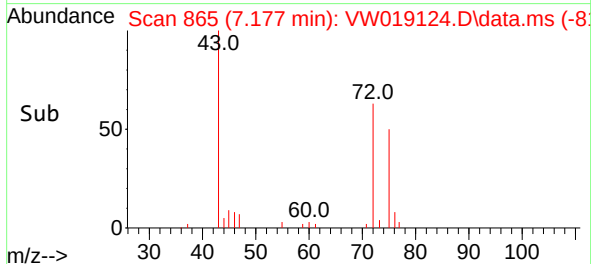
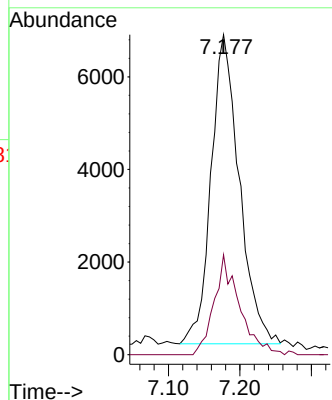
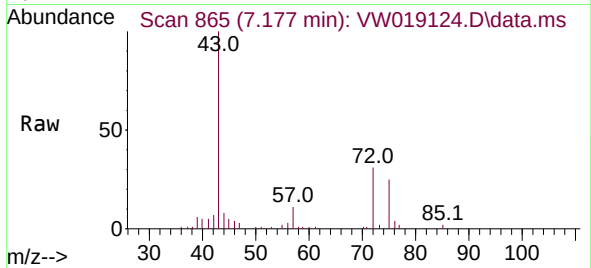




#22  
2-Butanone  
Concen: 7.232 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: VW019124.D  
Acq: 04 Jun 2021 11:40

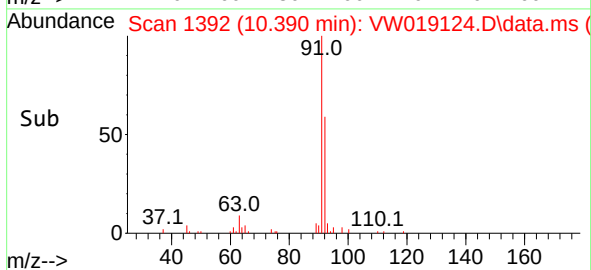
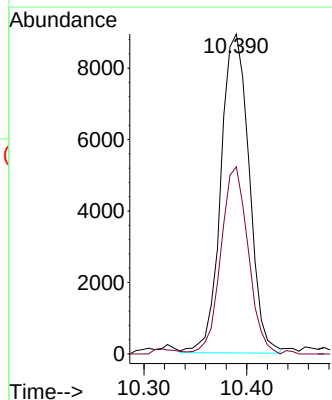
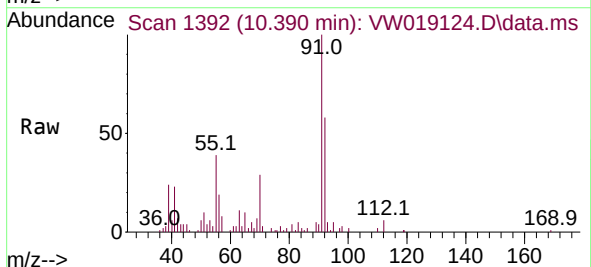
Instrument :  
MSVOA\_W  
ClientSampled :  
BG5Q5RE

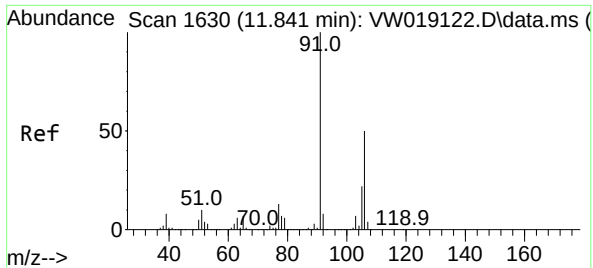
Tgt Ion: 43 Resp: 18325  
Ion Ratio Lower Upper  
43 100  
72 28.8 14.9 44.7



#42  
Toluene  
Concen: 0.572 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019124.D  
Acq: 04 Jun 2021 11:40

Tgt Ion: 91 Resp: 17030  
Ion Ratio Lower Upper  
91 100  
92 58.5 39.5 73.3

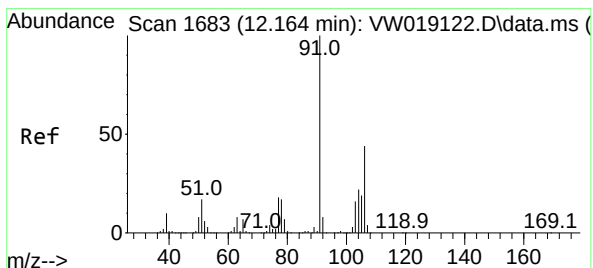
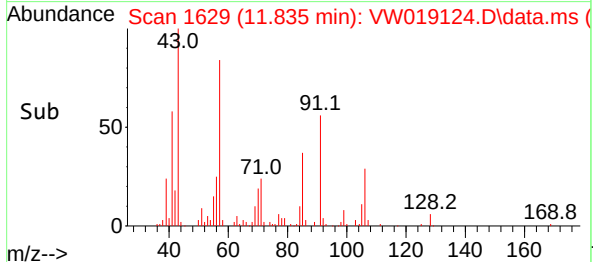
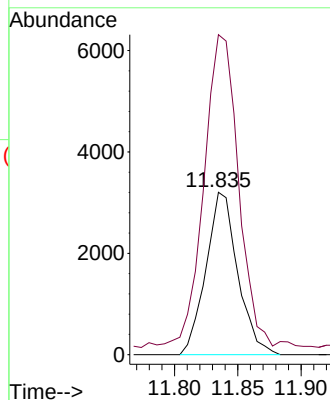
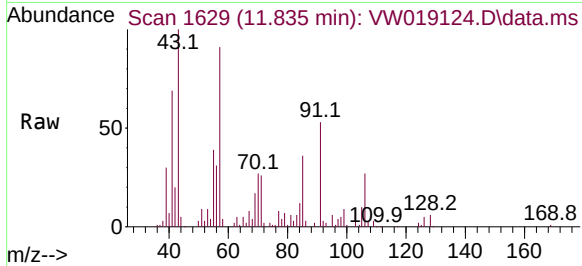




#53  
m,p-Xylene  
Concen: 0.463 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VW019124.D  
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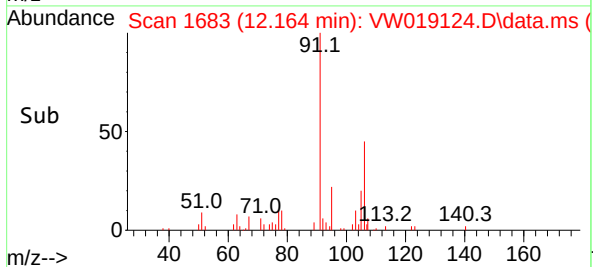
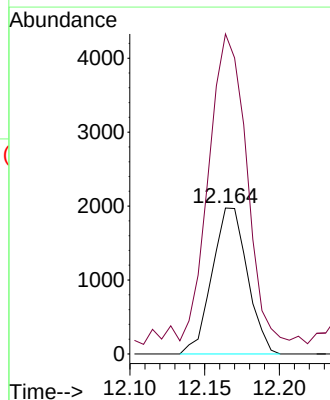
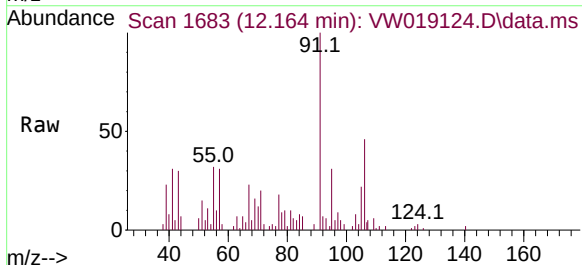
Instrument :  
MSVOA\_W  
ClientSampleId :  
BG5Q5RE

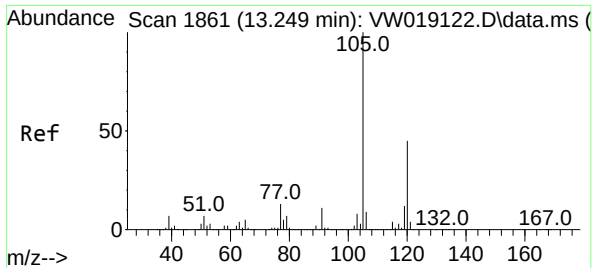
Tgt Ion:106 Resp: 5592  
Ion Ratio Lower Upper  
106 100  
91 197.0 141.3 262.3



#54  
o-Xylene  
Concen: 0.282 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW019124.D  
Acq: 04 Jun 2021 11:40

Tgt Ion:106 Resp: 3240  
Ion Ratio Lower Upper  
106 100  
91 219.3 150.0 278.6





#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.482 ug/L  
 RT: 13.249 min Scan# 1861  
 Delta R.T. -0.000 min  
 Lab File: VW019124.D  
 Acq: 04 Jun 2021 11:40

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG5Q5RE

Tgt Ion:105 Resp: 7235  
 Ion Ratio Lower Upper  
 105 100  
 120 38.1 35.6 53.4

