

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
 Data File : VW022489.D  
 Acq On : 11 Apr 2022 17:45  
 Operator : SY/VA  
 Sample : N2316-10  
 Misc : 6.46g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETNQ9

Quant Time: Apr 11 23:59:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Apr 11 23:55:29 2022  
 Response via : Initial Calibration

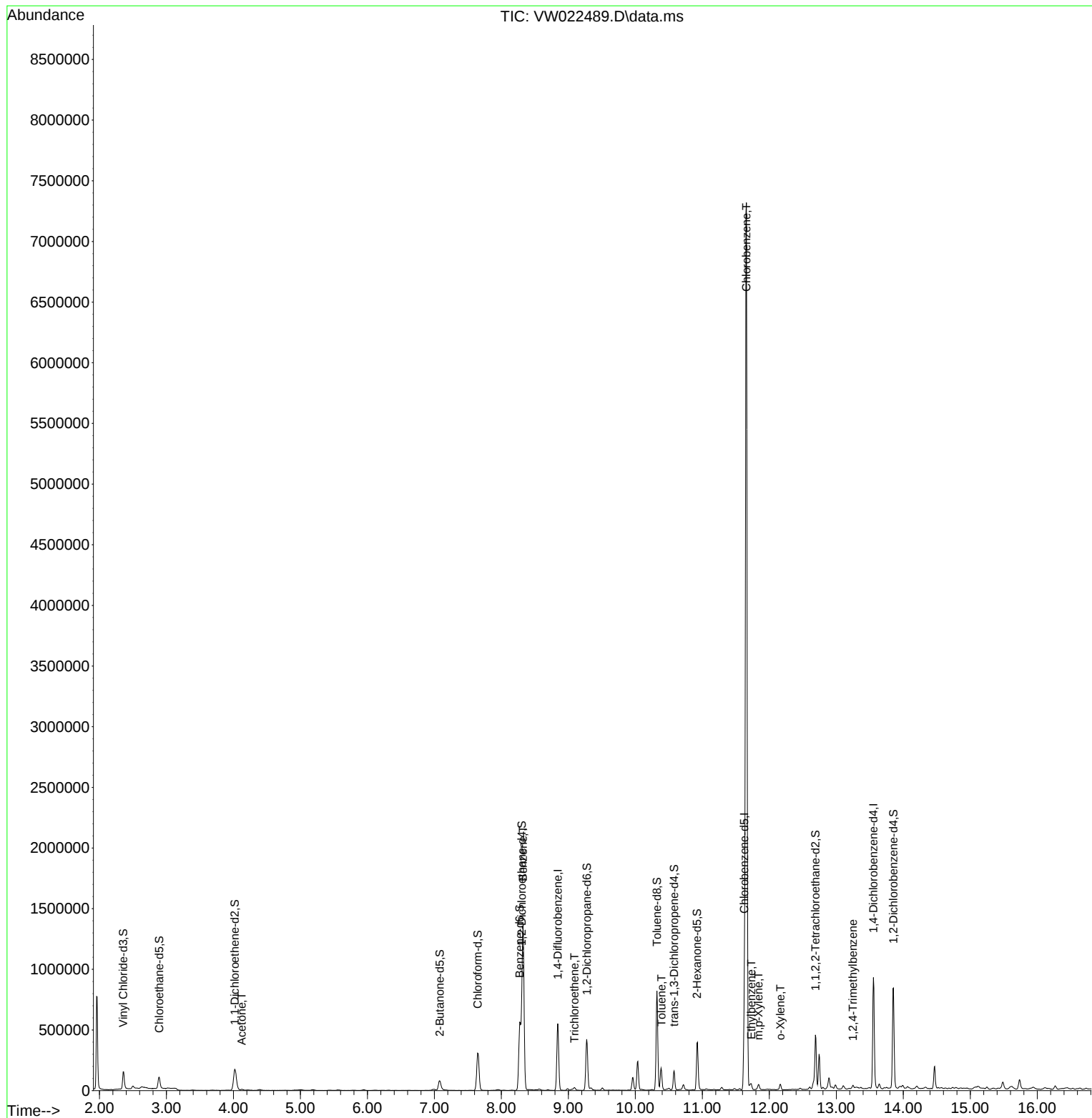
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 453392   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 433351   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 230362   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 153358   | 15.300   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.200%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 113176   | 18.017   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.080%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 168940   | 12.995   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.000%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 133472   | 76.274   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 152.540%# |
| 24) Chloroform-d              | 7.646  | 84    | 310024   | 21.877   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.520%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 198794   | 24.551   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.200%   |
| 32) Benzene-d6                | 8.274  | 84    | 563064   | 21.267   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.080%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 181411   | 23.677   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.720%   |
| 41) Toluene-d8                | 10.323 | 98    | 522322   | 20.143   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 80.560%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 83494    | 23.090   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 92.360%   |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 116499   | 81.724   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 163.440%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 205911   | 31.607   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 126.440%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 205267   | 25.157   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 100.640%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 13665    | 11.469   | ug/L   | 61        |
| 33) Benzene                   | 8.323  | 78    | 1215694  | 41.320   | ug/L   | 100       |
| 34) Trichloroethene           | 9.091  | 95    | 5590     | 0.710    | ug/L   | 90        |
| 42) Toluene                   | 10.390 | 91    | 65180    | 1.933    | ug/L   | 94        |
| 51) Chlorobenzene             | 11.658 | 112   | 3829972  | 185.900  | ug/L   | 93        |
| 52) Ethylbenzene              | 11.731 | 91    | 27556    | 0.729    | ug/L   | 85        |
| 53) m,p-Xylene                | 11.841 | 106   | 11465    | 0.798    | ug/L   | 92        |
| 54) o-Xylene                  | 12.164 | 106   | 11923    | 0.868    | ug/L   | 93        |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 13195    | 0.412    | ug/L   | 96        |
| -----                         |        |       |          |          |        |           |

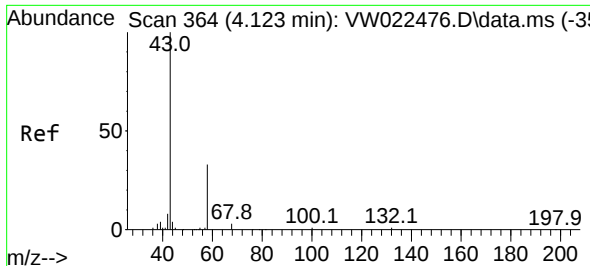
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 11 23:55:29 2022  
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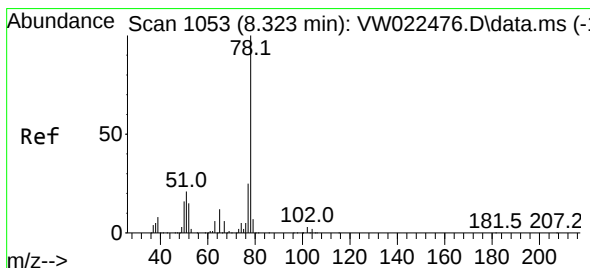
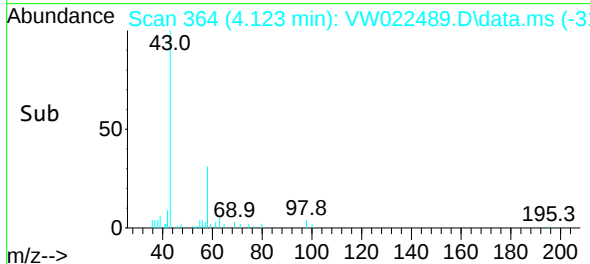
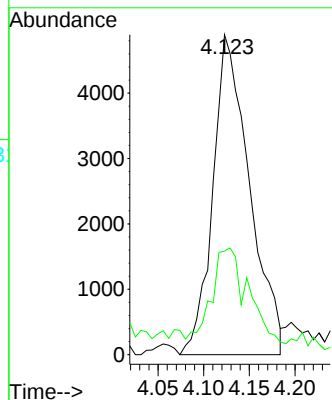
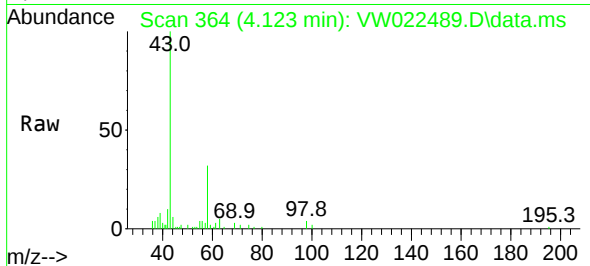




#13  
Acetone  
Concen: 11.469 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
Acq: 11 Apr 2022 17:45

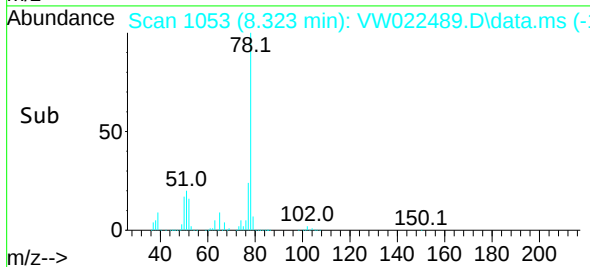
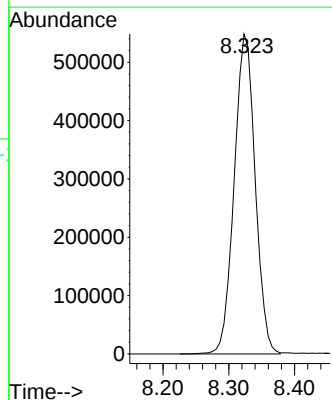
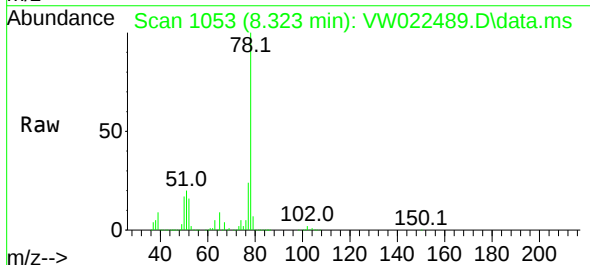
Instrument :  
MSVOA\_W  
ClientSampleId :  
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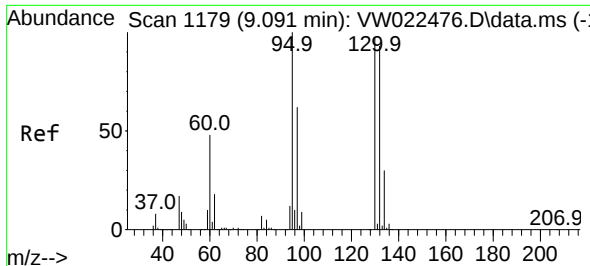
Tgt Ion: 43 Resp: 13665  
Ion Ratio Lower Upper  
43 100  
58 7.8 0.0 57.0



#33  
Benzene  
Concen: 41.320 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
Acq: 11 Apr 2022 17:45

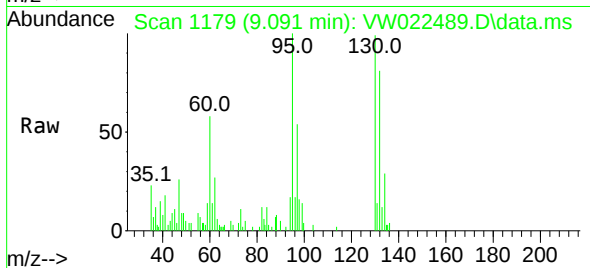
Tgt Ion: 78 Resp: 1215694



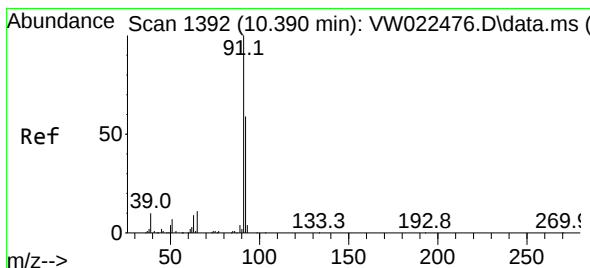
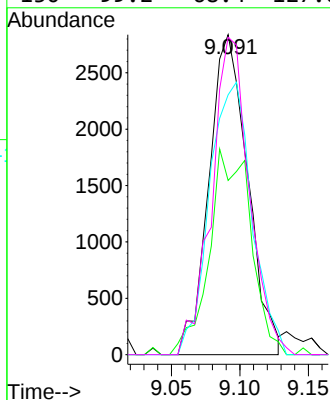
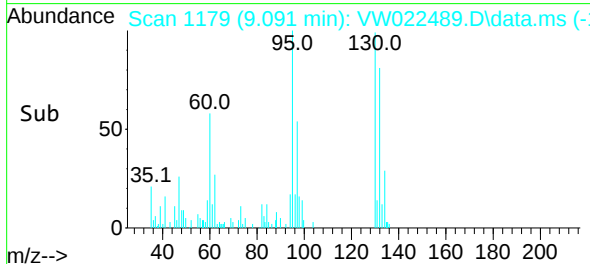


#34  
Trichloroethene  
Concen: 0.710 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
Acq: 11 Apr 2022 17:45

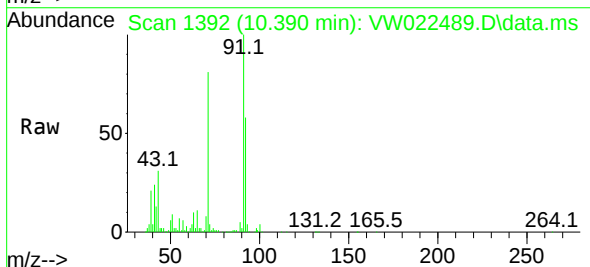
Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNQ9



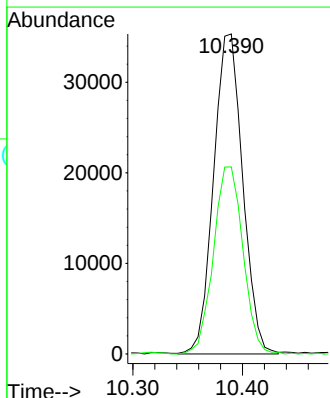
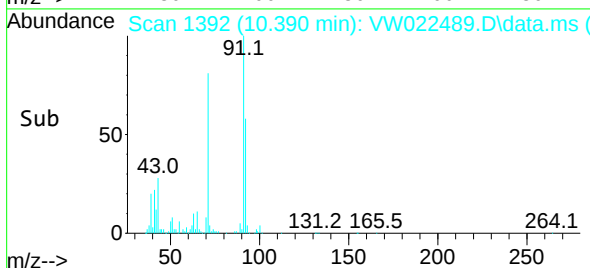
Tgt Ion: 95 Resp: 5590  
Ion Ratio Lower Upper  
95 100  
97 54.5 46.4 86.2  
132 81.2 67.4 125.2  
130 99.2 68.4 127.0

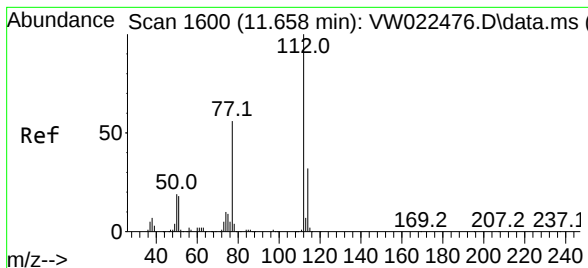


#42  
Toluene  
Concen: 1.933 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
Acq: 11 Apr 2022 17:45



Tgt Ion: 91 Resp: 65180  
Ion Ratio Lower Upper  
91 100  
92 58.4 38.0 70.6

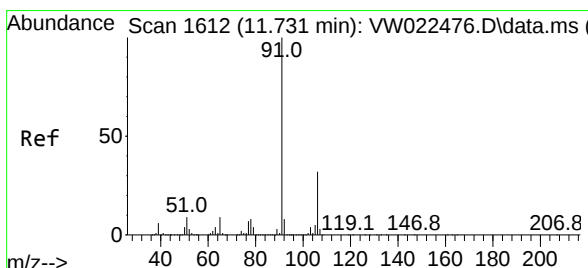
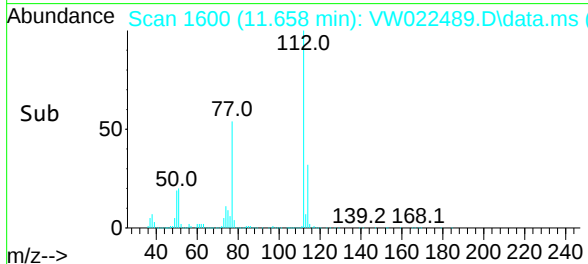
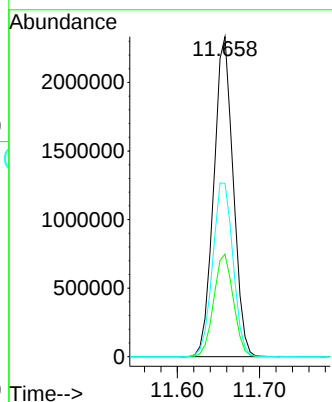
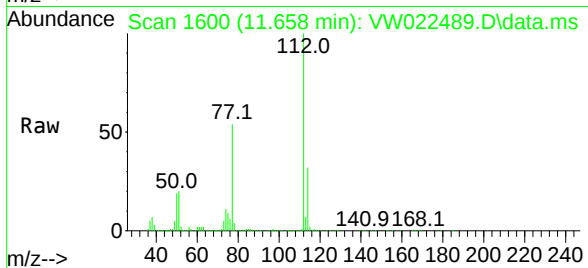




#51  
Chlorobenzene  
Concen: 185.900 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
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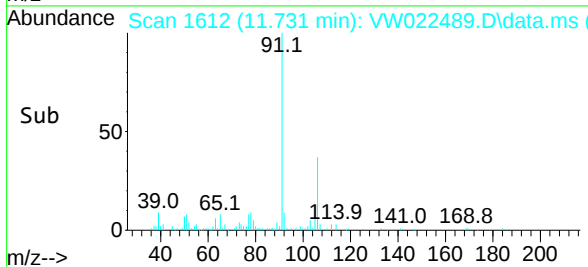
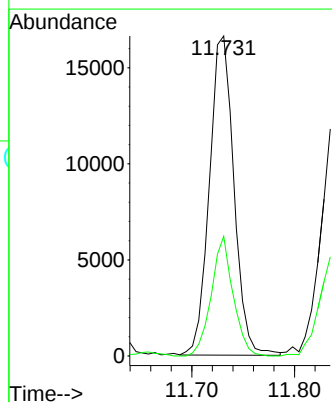
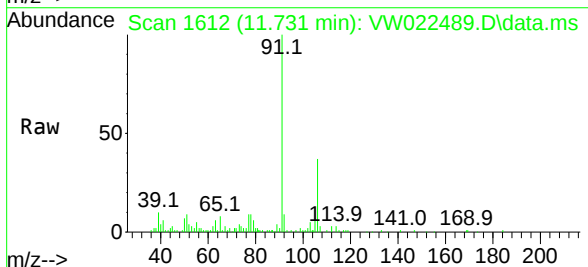
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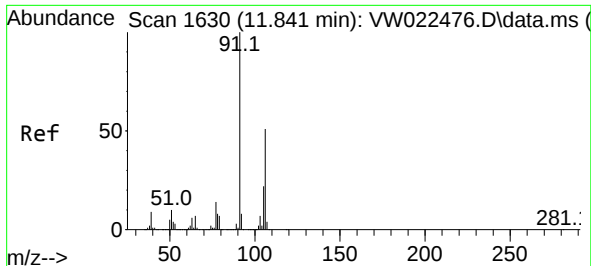
Tgt Ion:112 Resp: 3829972  
Ion Ratio Lower Upper  
112 100  
114 32.0 20.5 38.1  
77 54.1 48.1 72.1



#52  
Ethylbenzene  
Concen: 0.729 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
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Tgt Ion: 91 Resp: 27556  
Ion Ratio Lower Upper  
91 100  
106 37.4 20.5 38.1

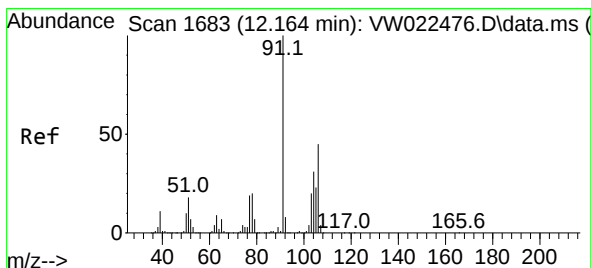
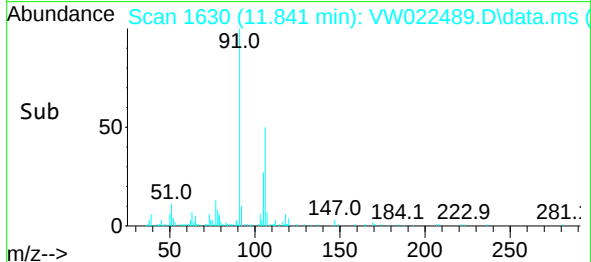
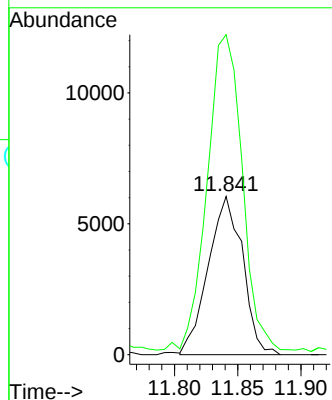
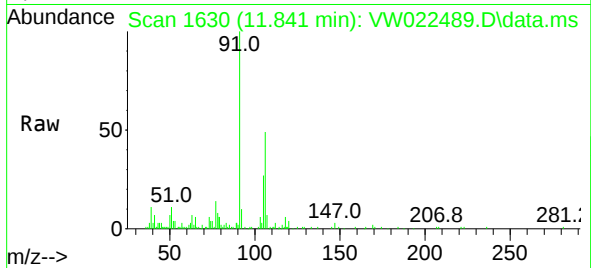




#53  
m,p-Xylene  
Concen: 0.798 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
Acq: 11 Apr 2022 17:45

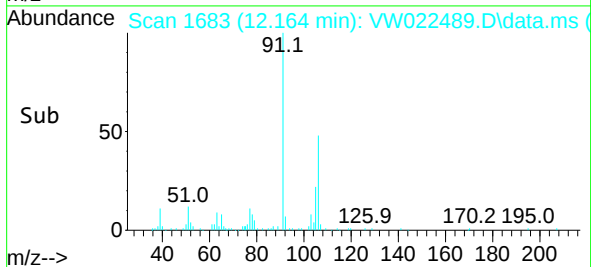
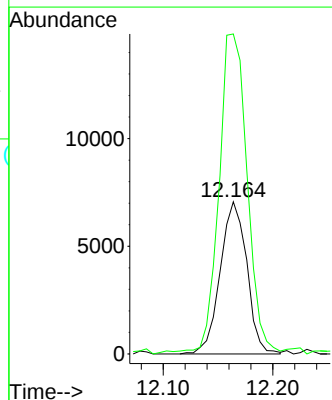
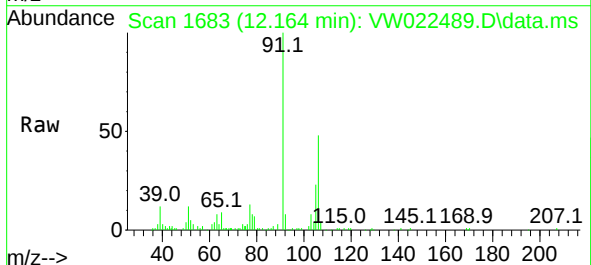
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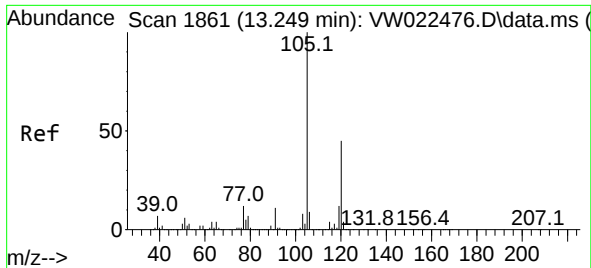
Tgt Ion:106 Resp: 11465  
Ion Ratio Lower Upper  
106 100  
91 202.1 149.9 278.5



#54  
o-Xylene  
Concen: 0.868 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
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Tgt Ion:106 Resp: 11923  
Ion Ratio Lower Upper  
106 100  
91 210.4 155.3 288.3





#63  
1,2,4-Trimethylbenzene  
Concen: 0.412 ug/L  
RT: 13.249 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW022489.D  
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Tgt Ion:105 Resp: 13195  
Ion Ratio Lower Upper  
105 100  
120 45.3 34.2 51.2

