

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061022\  
 Data File : VW023461.D  
 Acq On : 10 Jun 2022 21:06  
 Operator : SY/VA  
 Sample : N3292-03  
 Misc : 7.17g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4P4

Quant Time: Jun 11 00:12:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
 Response via : Initial Calibration

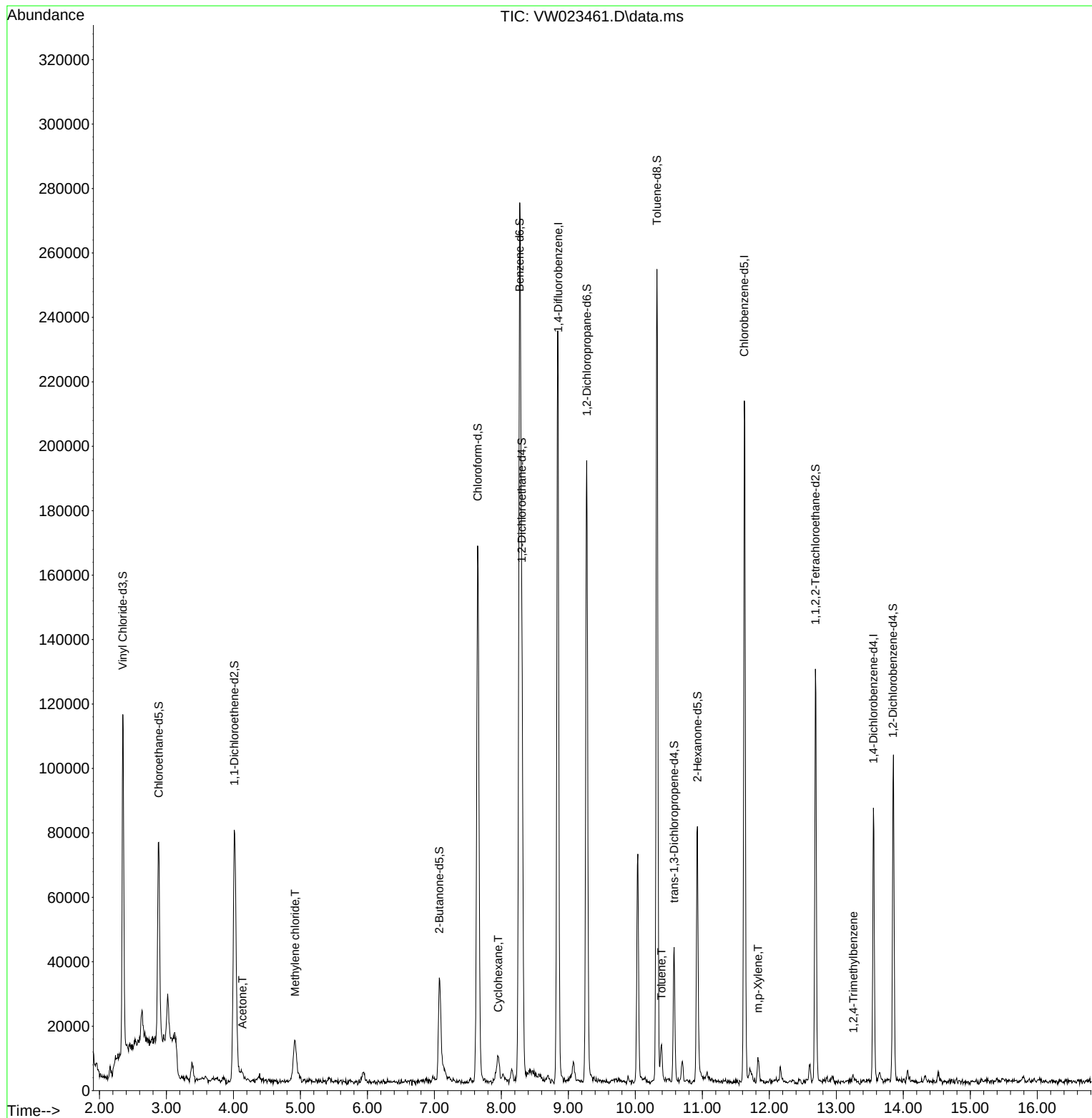
| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.848     | 114   | 185663   | 25.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 11.628    | 117   | 113773   | 25.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554    | 152   | 19979    | 25.000   | ug/L        | 0.00     |
|                               |           |       |          |          |             |          |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.349     | 65    | 99733    | 33.812   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 135.240%  |          |
| 7) Chloroethane-d5            | 2.885     | 69    | 75852    | 34.983   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 139.920%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013     | 63    | 78609    | 19.093   | ug/L        | -0.01    |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | = 76.360%   |          |
| 21) 2-Butanone-d5             | 7.074     | 46    | 50973    | 84.639   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 169.280%# |          |
| 24) Chloroform-d              | 7.647     | 84    | 161776   | 31.653   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | = 126.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305     | 65    | 93875    | 34.104   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | = 136.400%# |          |
| 32) Benzene-d6                | 8.275     | 84    | 266146   | 44.118   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | = 176.480%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.274     | 67    | 85650    | 48.191   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | = 192.760%# |          |
| 41) Toluene-d8                | 10.323    | 98    | 168394   | 28.579   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | = 114.320%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579    | 79    | 22063    | 27.198   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | = 108.800%  |          |
| 47) 2-Hexanone-d5             | 10.926    | 63    | 25040    | 88.170   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 176.340%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688    | 84    | 60354    | 36.359   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | = 145.440%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847    | 152   | 23182    | 32.142   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | = 128.560%# |          |
|                               |           |       |          |          |             |          |
| Target Compounds              |           |       |          | Qvalue   |             |          |
| 13) Acetone                   | 4.135     | 43    | 4996m    | 11.514   | ug/L        |          |
| 16) Methylene chloride        | 4.921     | 84    | 9638     | 3.836    | ug/L        | 90       |
| 29) Cyclohexane               | 7.951     | 56    | 3574     | 1.560    | ug/L        | # 50     |
| 42) Toluene                   | 10.390    | 91    | 7761     | 1.057    | ug/L        | 98       |
| 53) m,p-Xylene                | 11.829    | 106   | 2018     | 0.621    | ug/L        | 89       |
| 63) 1,2,4-Trimethylbenzene    | 13.255    | 105   | 1097     | 0.469    | ug/L        | 99       |
| -----                         |           |       |          |          |             |          |

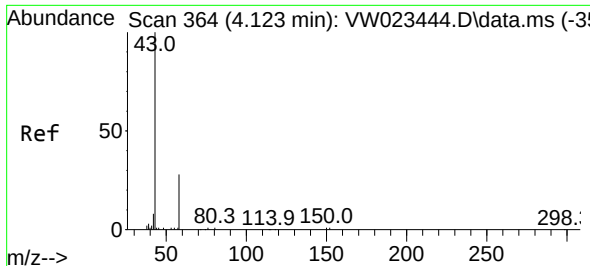
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 11 00:06:08 2022  
Response via : Initial Calibration

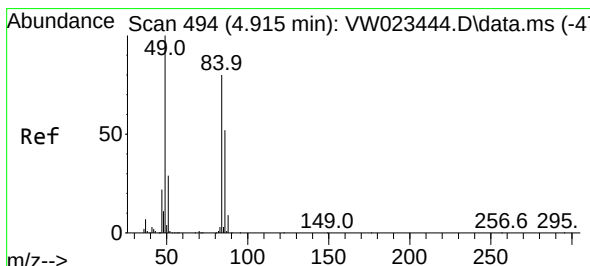
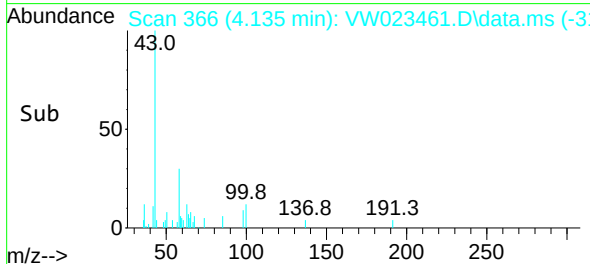
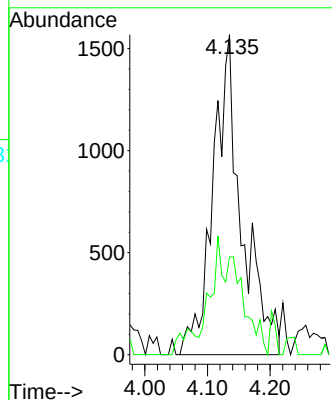
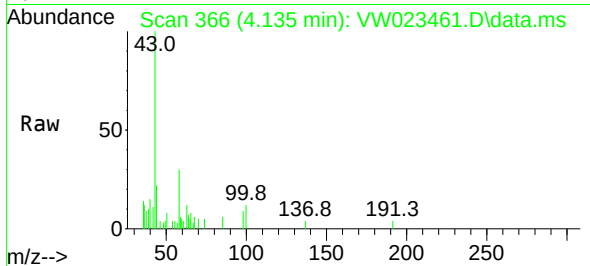




#13  
Acetone  
Concen: 11.514 ug/L m  
RT: 4.135 min Scan# 3  
Delta R.T. 0.012 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

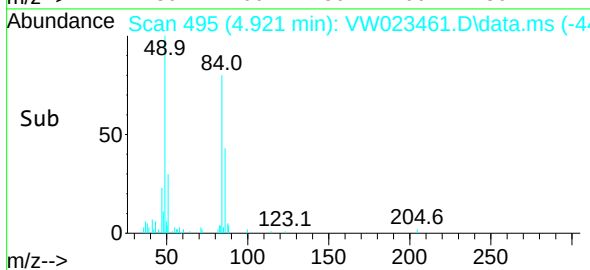
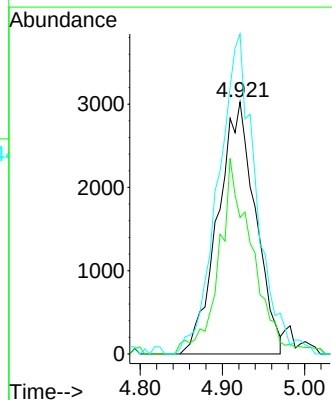
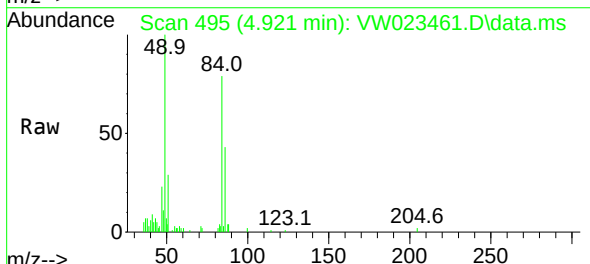
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4P4

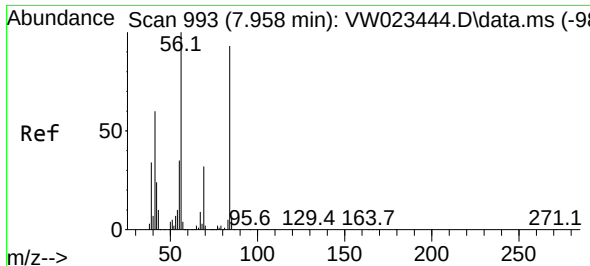
Tgt Ion: 43 Resp: 4996  
Ion Ratio Lower Upper  
43 100  
58 11.9 0.0 64.0



#16  
Methylene chloride  
Concen: 3.836 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

Tgt Ion: 84 Resp: 9638  
Ion Ratio Lower Upper  
84 100  
86 54.2 45.4 84.4  
49 127.0 82.5 153.1

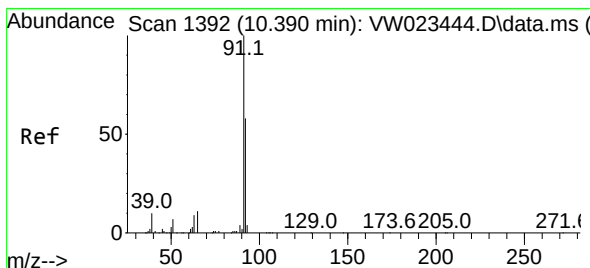
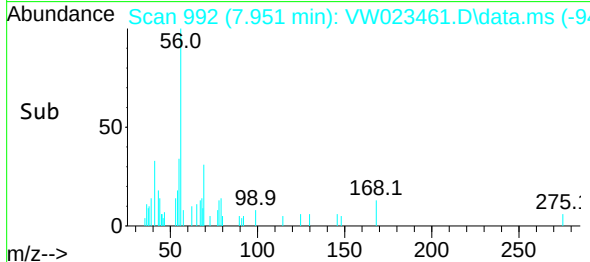
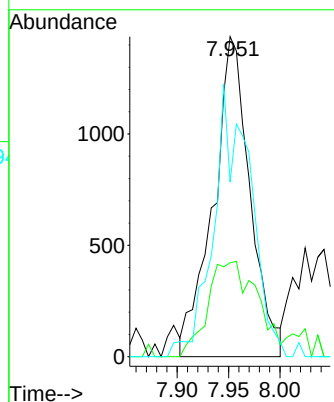
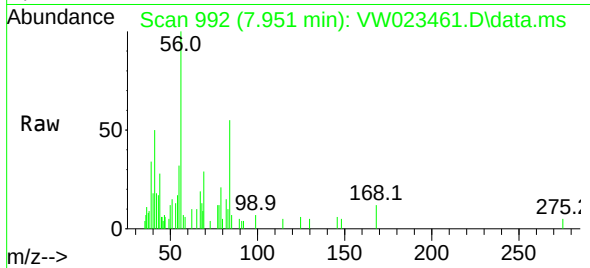




#29  
Cyclohexane  
Concen: 1.560 ug/L  
RT: 7.951 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

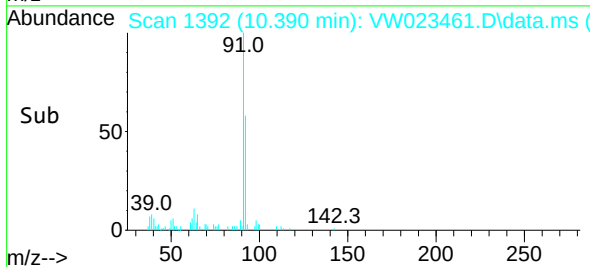
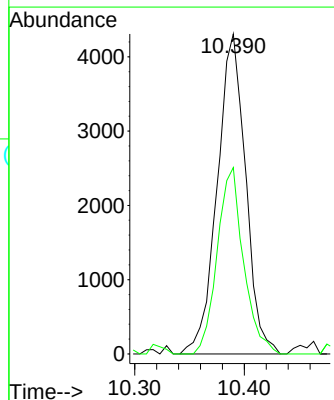
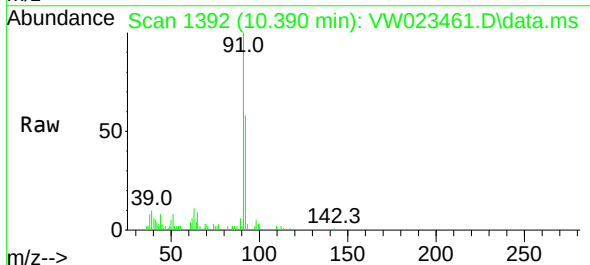
Instrument :  
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Client Sample Id :  
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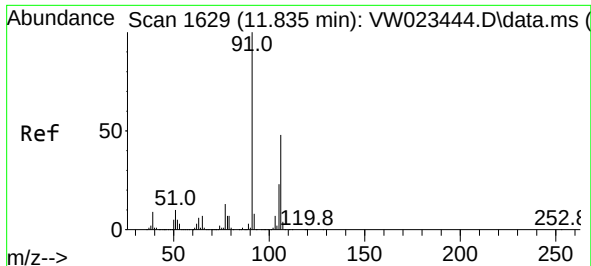
Tgt Ion: 56 Resp: 3574  
Ion Ratio Lower Upper  
56 100  
69 12.6 25.6 38.4#  
84 44.0 78.2 117.4#



#42  
Toluene  
Concen: 1.057 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

Tgt Ion: 91 Resp: 7761  
Ion Ratio Lower Upper  
91 100  
92 58.3 41.6 77.2

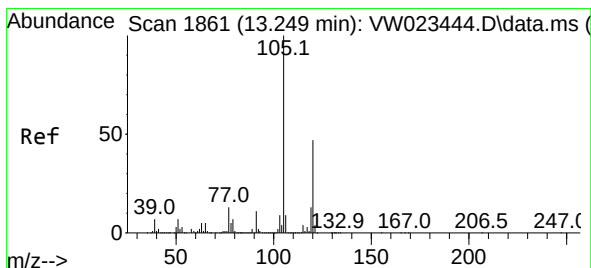
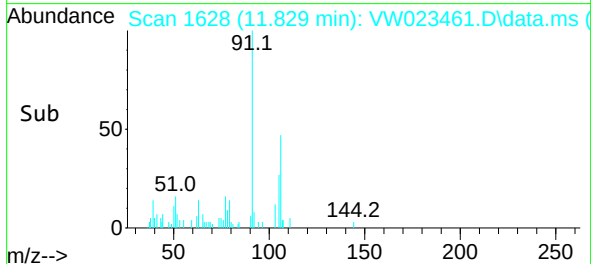
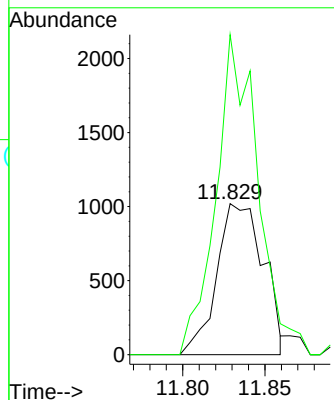
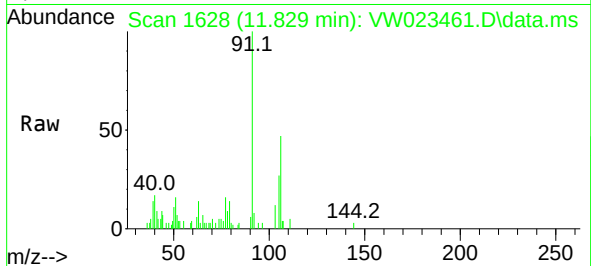




#53  
m,p-Xylene  
Concen: 0.621 ug/L  
RT: 11.829 min Scan# 1628  
Delta R.T. -0.006 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4P4

Tgt Ion:106 Resp: 2018  
Ion Ratio Lower Upper  
106 100  
91 211.9 136.8 254.0



#63  
1,2,4-Trimethylbenzene  
Concen: 0.469 ug/L  
RT: 13.255 min Scan# 1862  
Delta R.T. 0.006 min  
Lab File: VW023461.D  
Acq: 10 Jun 2022 21:06

Tgt Ion:105 Resp: 1097  
Ion Ratio Lower Upper  
105 100  
120 47.8 37.4 56.2

