

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070124\  
 Data File : VU059714.D  
 Acq On : 02 Jul 2024 03:16  
 Operator : MD/SY  
 Sample : P3121-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBL6

Quant Time: Jul 02 03:56:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 29 01:51:23 2024  
 Response via : Initial Calibration

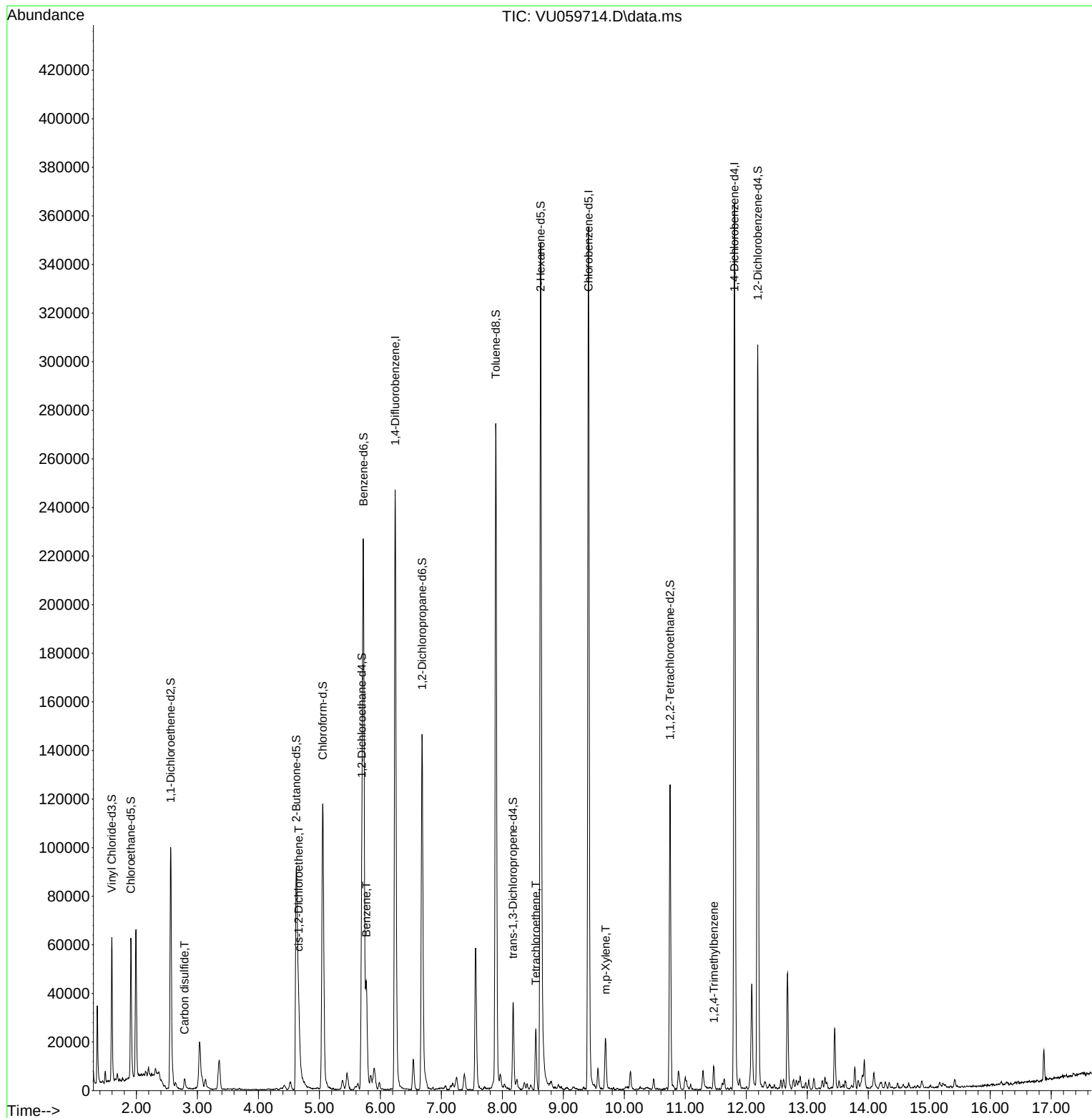
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 215819   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 213101   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 106047   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 36006    | 2.399    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 48.000%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 43468    | 3.010    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 60.200%# |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19185    | 3.081    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.600%  |
| 20) 2-Butanone-d5             | 4.622  | 46    | 152742   | 49.411   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.820%  |
| 24) Chloroform-d              | 5.056  | 84    | 114386   | 3.713    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 57249    | 3.858    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 222613   | 3.796    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.683  | 67    | 74410    | 4.141    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 82.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 195088   | 3.578    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 21799    | 3.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.400%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 126928   | 54.284   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.560% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 64613    | 4.351    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 86144    | 4.564    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 14) Carbon disulfide          | 2.789  | 76    | 6072     | 0.119    | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 8551     | 0.487    | ug/L   | 96       |
| 33) Benzene                   | 5.769  | 78    | 43337    | 0.670    | ug/L   | 100      |
| 47) Tetrachloroethene         | 8.547  | 164   | 6075     | 0.447    | ug/L   | 92       |
| 53) m,p-Xylene                | 9.692  | 106   | 6416     | 0.238    | ug/L   | 90       |
| 63) 1,2,4-Trimethylbenzene    | 11.467 | 105   | 5926     | 0.119    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

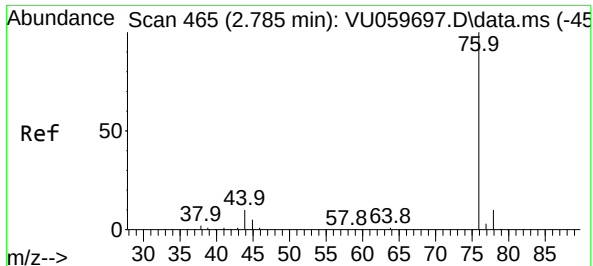
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 29 01:51:23 2024  
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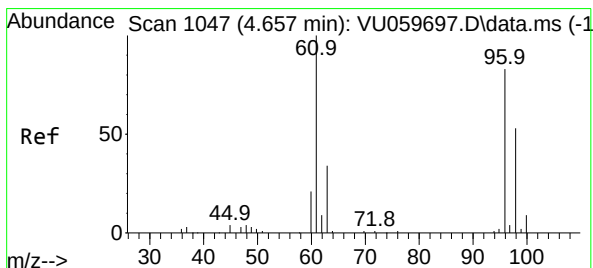
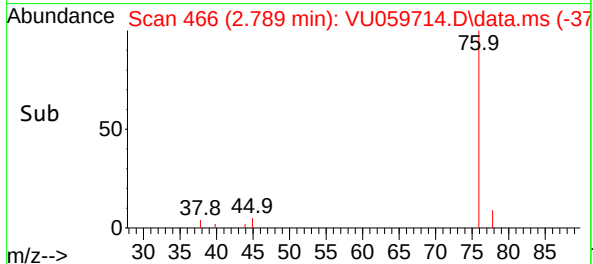
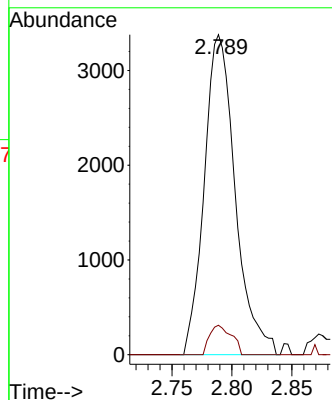
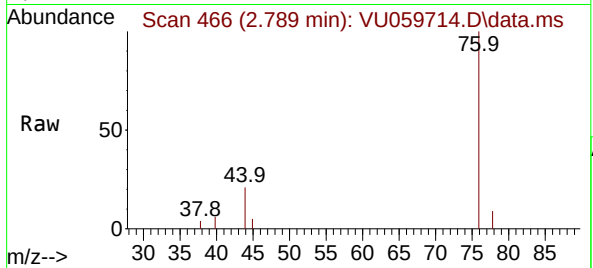




#14  
Carbon disulfide  
Concen: 0.119 ug/L  
RT: 2.789 min Scan# 465  
Delta R.T. 0.004 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

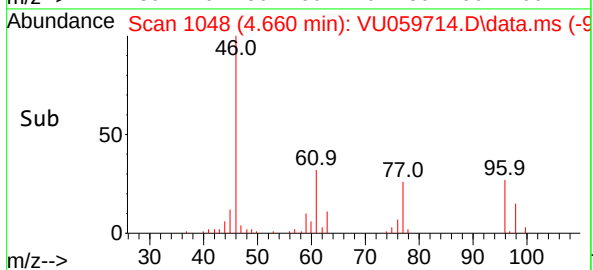
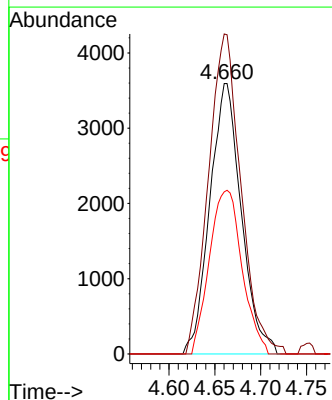
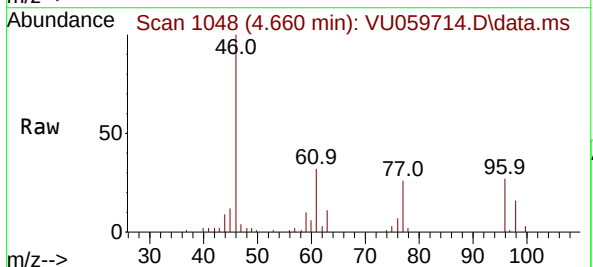
Instrument :  
MSVOA\_U  
ClientSampleId :  
COBL6

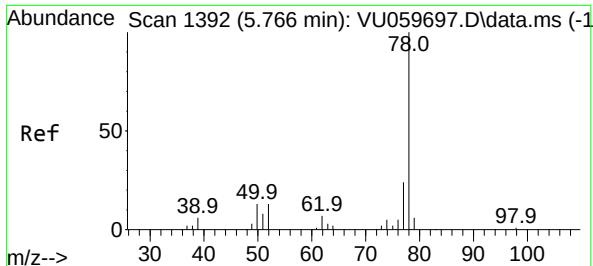
Tgt Ion: 76 Resp: 6072  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#22  
cis-1,2-Dichloroethene  
Concen: 0.487 ug/L  
RT: 4.660 min Scan# 1048  
Delta R.T. 0.001 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

Tgt Ion: 96 Resp: 8551  
Ion Ratio Lower Upper  
96 100  
61 118.3 87.4 162.2  
98 59.9 42.3 78.5

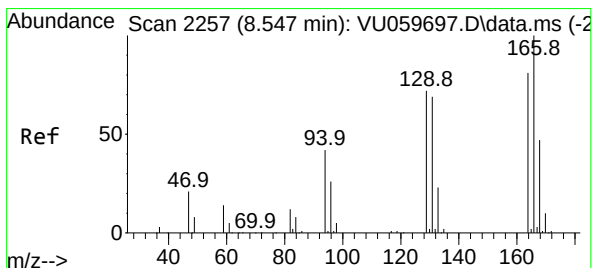
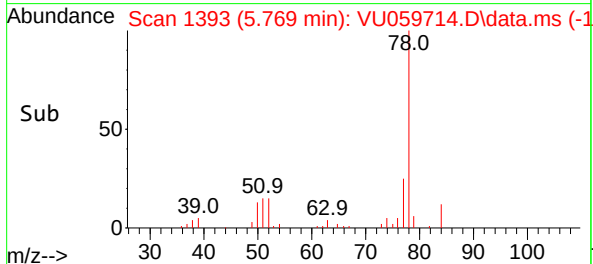
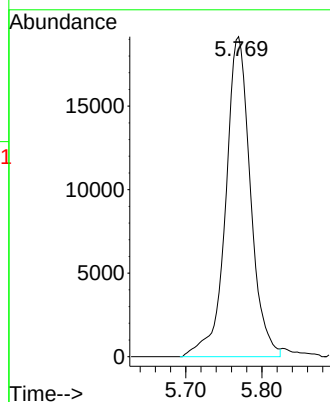
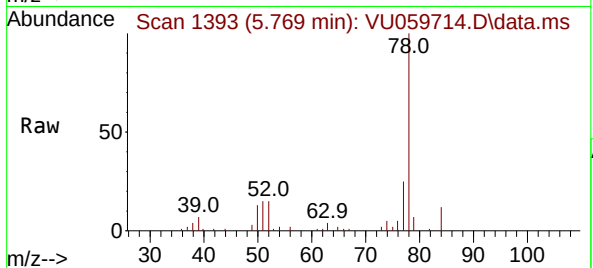




#33  
Benzene  
Concen: 0.670 ug/L  
RT: 5.769 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
COBL6

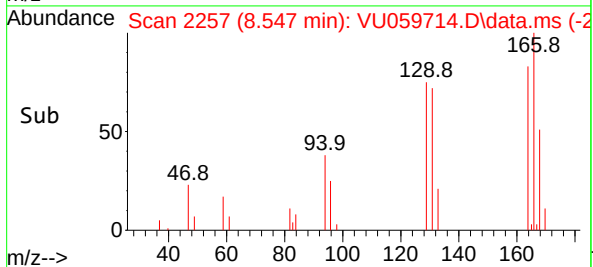
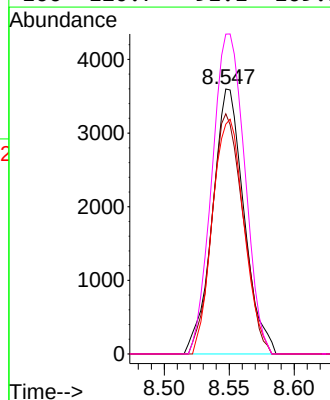
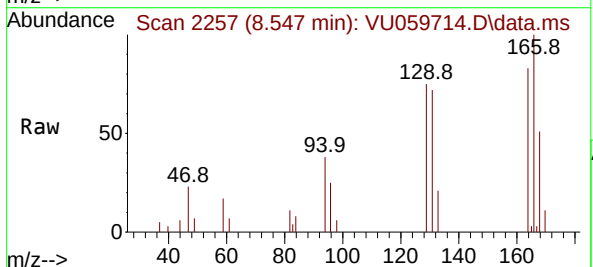
Tgt Ion: 78 Resp: 43337

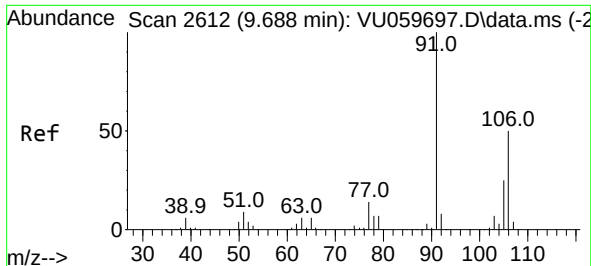


#47  
Tetrachloroethene  
Concen: 0.447 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.001 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

Tgt Ion: 164 Resp: 6075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.6  | 70.8  | 131.4 |
| 131 | 86.7  | 64.8  | 120.3 |
| 166 | 120.7 | 91.1  | 169.1 |

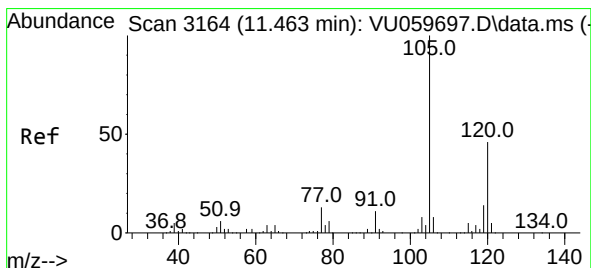
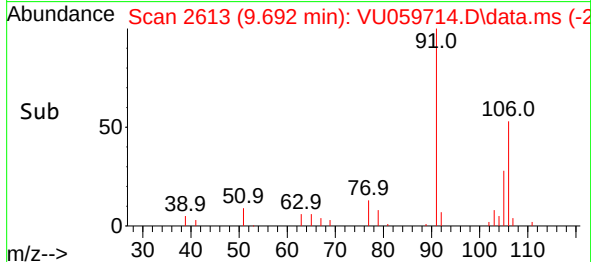
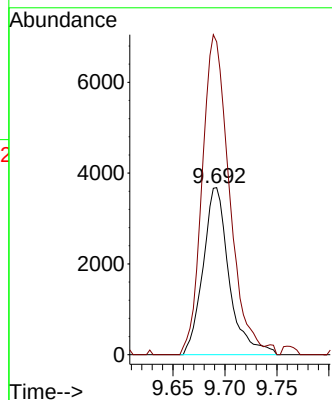
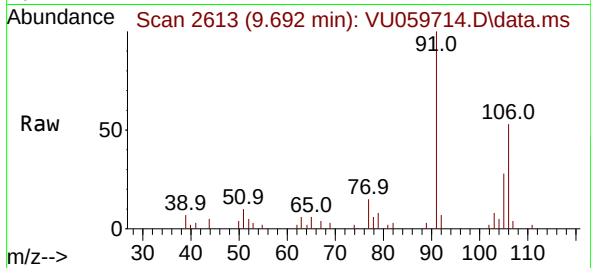




#53  
m,p-Xylene  
Concen: 0.238 ug/L  
RT: 9.692 min Scan# 2165  
Delta R.T. 0.004 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

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COBL6

Tgt Ion:106 Resp: 6416  
Ion Ratio Lower Upper  
106 100  
91 187.2 142.0 263.8



#63  
1,2,4-Trimethylbenzene  
Concen: 0.119 ug/L  
RT: 11.467 min Scan# 3165  
Delta R.T. 0.004 min  
Lab File: VU059714.D  
Acq: 02 Jul 2024 03:16

Tgt Ion:105 Resp: 5926  
Ion Ratio Lower Upper  
105 100  
120 38.6 35.4 53.0

