

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092421\  
 Data File : VU044805.D  
 Acq On : 24 Sep 2021 12:28  
 Operator : SY/MD  
 Sample : M3873-03DL 4X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW7X3DL

Quant Time: Sep 25 02:38:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 25 02:36:00 2021  
 Response via : Initial Calibration

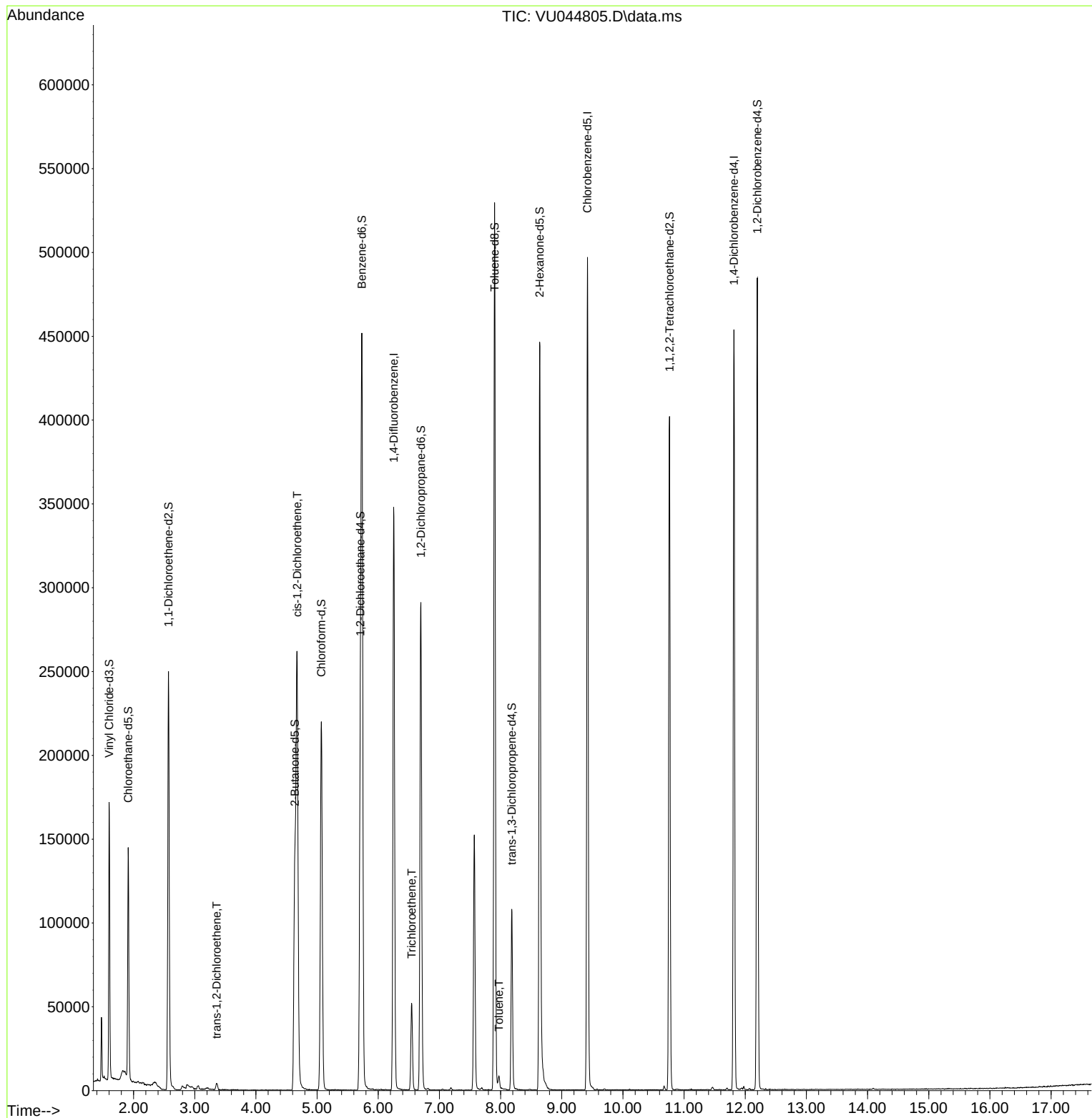
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114            | 265028   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117            | 254476   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152            | 111574   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 114866   | 39.591  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 79.180%  |          |
| 7) Chloroethane-d5            | 1.912   | 69             | 100873   | 43.876  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 87.760%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63             | 152017   | 31.201  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 62.400%  |          |
| 21) 2-Butanone-d5             | 4.636   | 46             | 231836   | 101.076 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 101.080% |          |
| 24) Chloroform-d              | 5.070   | 84             | 198116   | 43.235  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 86.480%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.707   | 65             | 140877   | 45.388  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 90.780%  |          |
| 32) Benzene-d6                | 5.732   | 84             | 398166   | 45.091  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 90.180%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.697   | 67             | 132973   | 46.183  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 92.360%  |          |
| 41) Toluene-d8                | 7.903   | 98             | 332989   | 43.697  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 87.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79             | 56962    | 44.475  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 88.940%  |          |
| 47) 2-Hexanone-d5             | 8.639   | 63             | 156361   | 97.996  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 98.000%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84             | 196956   | 43.929  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 87.860%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152            | 119091   | 49.046  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 98.100%  |          |
| Target Compounds              |         |                |          |         |          |          |
| 17) trans-1,2-Dichloroethene  | 3.359   | 96             | 1681     | 0.778   | ug/L     | 91       |
| 20) cis-1,2-Dichloroethene    | 4.674   | 96             | 112419   | 47.189  | ug/L     | 99       |
| 34) Trichloroethene           | 6.546   | 95             | 16553    | 7.302   | ug/L     | 99       |
| 42) Toluene                   | 7.973   | 91             | 5087     | 0.530   | ug/L     | 98       |

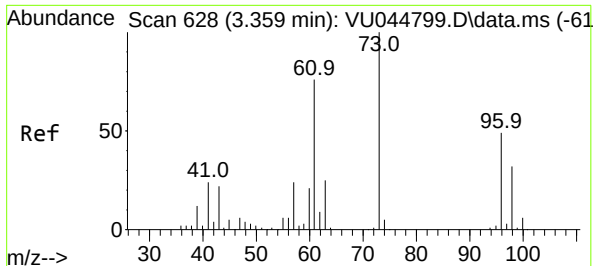
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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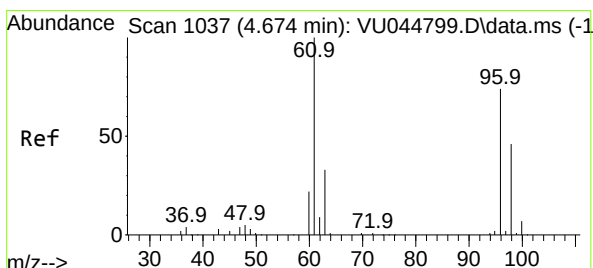
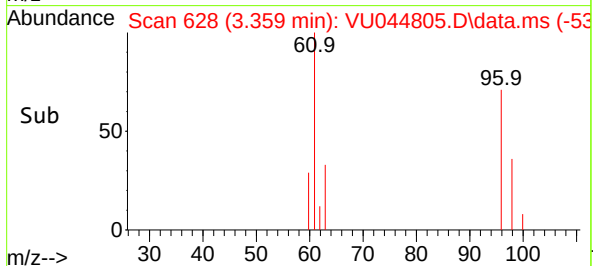
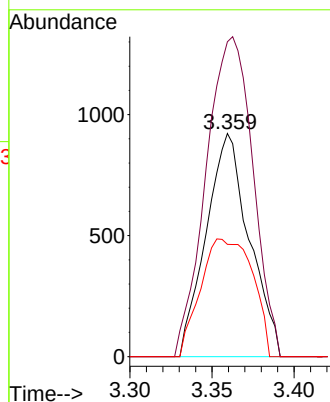
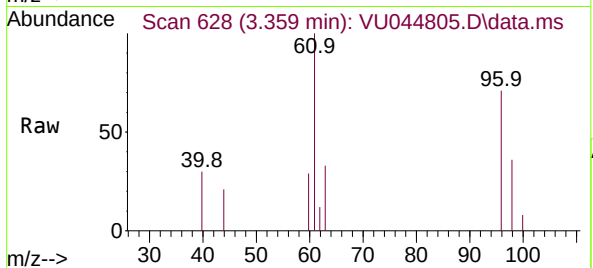




#17  
trans-1,2-Dichloroethene  
Concen: 0.778 ug/L  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU044805.D  
Acq: 24 Sep 2021 12:28

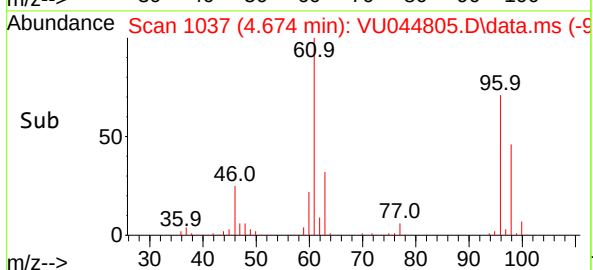
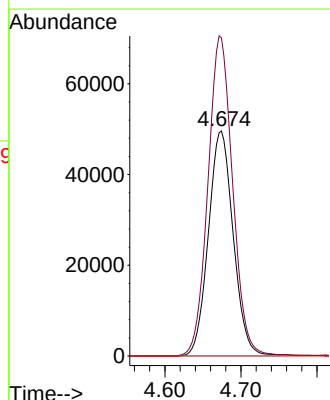
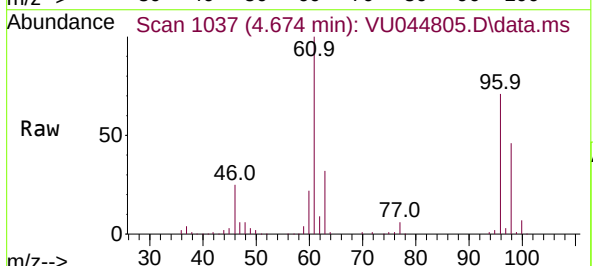
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW7X3DL

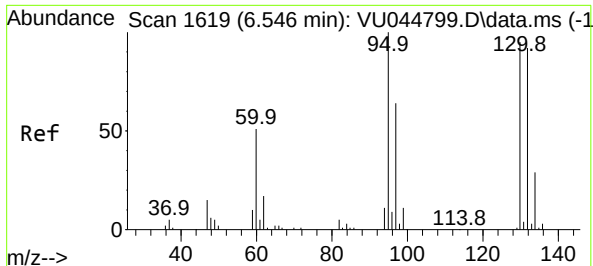
Tgt Ion: 96 Resp: 1681  
Ion Ratio Lower Upper  
96 100  
61 141.1 105.1 195.3  
98 50.3 43.0 79.8



#20  
cis-1,2-Dichloroethene  
Concen: 47.189 ug/L  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044805.D  
Acq: 24 Sep 2021 12:28

Tgt Ion: 96 Resp: 112419  
Ion Ratio Lower Upper  
96 100  
61 141.3 100.2 186.0  
68 0.0 0.0 0.0

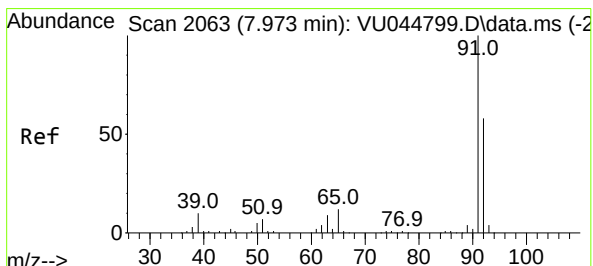
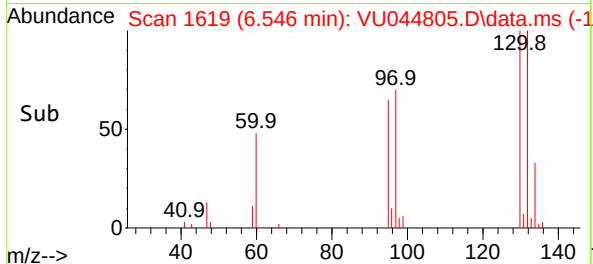
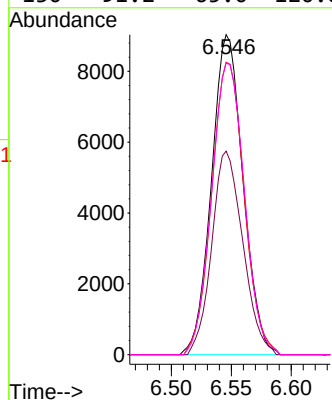
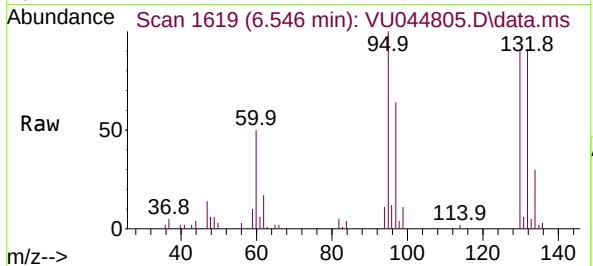




#34  
Trichloroethene  
Concen: 7.302 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU044805.D  
Acq: 24 Sep 2021 12:28

Instrument :  
MSVOA\_U  
ClientSampled :  
EW7X3DL

Tgt Ion: 95 Resp: 16553  
Ion Ratio Lower Upper  
95 100  
97 63.6 44.4 82.4  
132 91.4 62.9 116.9  
130 91.2 65.0 120.8



#42  
Toluene  
Concen: 0.530 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VU044805.D  
Acq: 24 Sep 2021 12:28

Tgt Ion: 91 Resp: 5087  
Ion Ratio Lower Upper  
91 100  
92 58.9 40.5 75.1

