

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072722\  
 Data File : VU049964.D  
 Acq On : 27 Jul 2022 22:40  
 Operator : SY/MD  
 Sample : N3870-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBJ16

Quant Time: Jul 28 03:50:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jul 28 03:41:29 2022  
 Response via : Initial Calibration

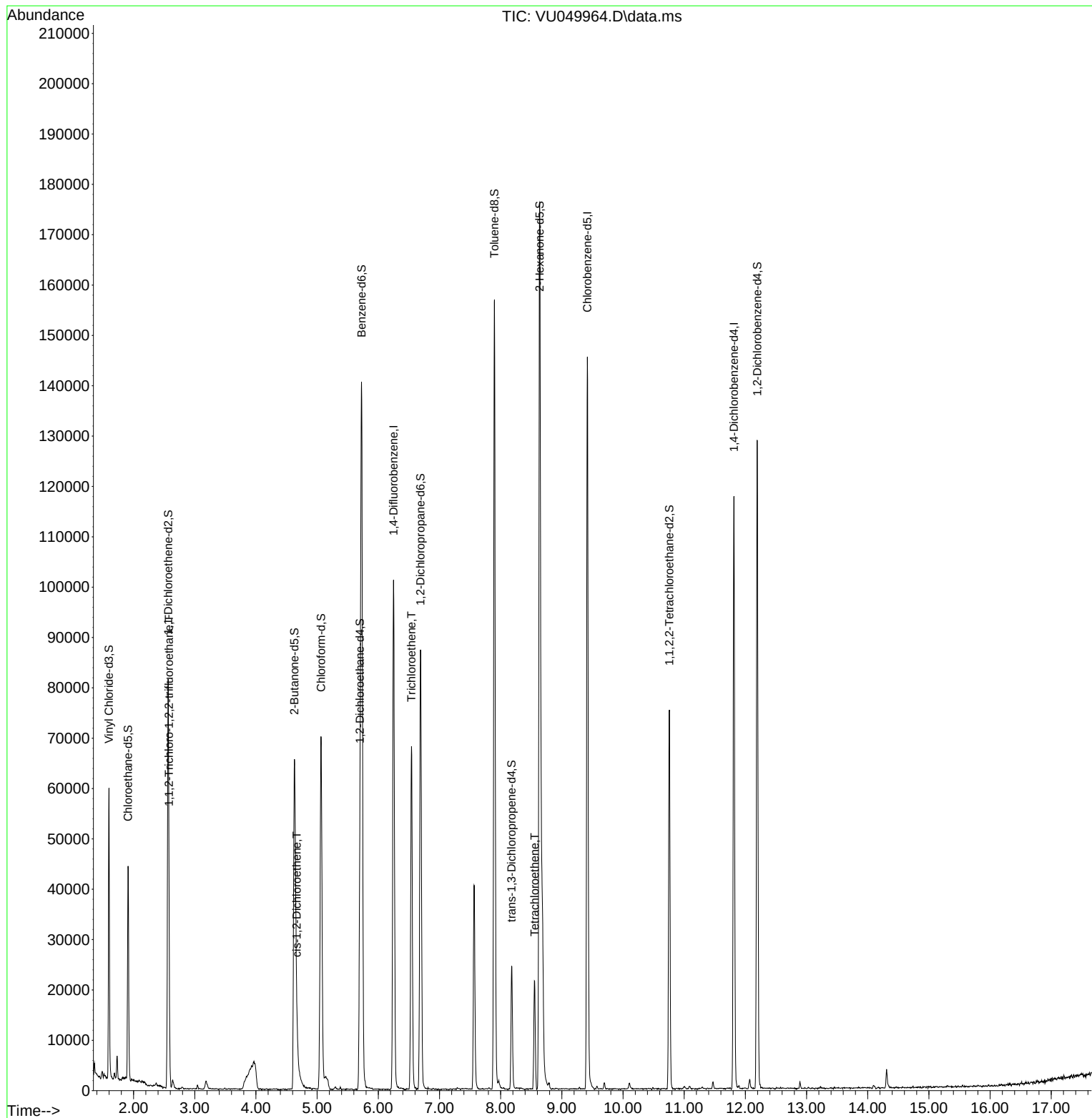
| Compound                      | R.T. QIon |                | Response | Conc       | Units | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|-------|----------|
| -----                         |           |                |          |            |       |          |
| Internal Standards            |           |                |          |            |       |          |
| 1) 1,4-Difluorobenzene        | 6.250     | 114            | 85914    | 5.000      | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417     | 117            | 84983    | 5.000      | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812    | 152            | 32462    | 5.000      | ug/L  | 0.00     |
| System Monitoring Compounds   |           |                |          |            |       |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65             | 40270    | 5.459      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 109.200% |       |          |
| 7) Chloroethane-d5            | 1.909     | 69             | 31190    | 5.887      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 117.800% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565     | 65             | 14518    | 5.711      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 114.200% |       |          |
| 20) 2-Butanone-d5             | 4.629     | 46             | 101035   | 61.529     | ug/L  | -0.03    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 123.060% |       |          |
| 24) Chloroform-d              | 5.063     | 84             | 65793    | 5.390      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 107.800% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700     | 65             | 35016    | 5.693      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 113.800% |       |          |
| 32) Benzene-d6                | 5.726     | 84             | 135890   | 5.411      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 108.200% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690     | 67             | 45975    | 5.588      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 111.800% |       |          |
| 41) Toluene-d8                | 7.896     | 98             | 110745   | 4.962      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 99.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179     | 79             | 15022    | 5.210      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 104.200% |       |          |
| 46) 2-Hexanone-d5             | 8.636     | 63             | 55609    | 51.520     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 103.040% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758    | 84             | 39162    | 5.666      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 113.400% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195    | 152            | 35007    | 5.814      | ug/L  | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 116.200% |       |          |
| Target Compounds              |           |                |          |            |       | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578     | 101            | 4379     | 0.855      | ug/L  | 90       |
| 22) cis-1,2-Dichloroethene    | 4.668     | 96             | 1699     | 0.273      | ug/L  | 89       |
| 34) Trichloroethene           | 6.542     | 95             | 24476    | 4.060      | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.555     | 164            | 5064     | 1.167      | ug/L  | 95       |
| -----                         |           |                |          |            |       |          |

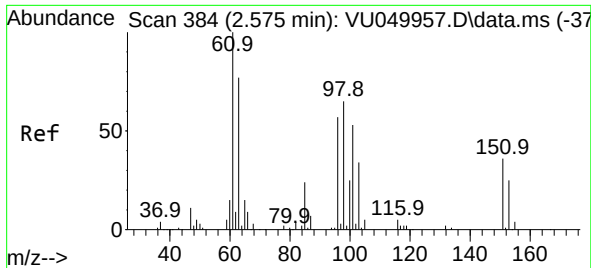
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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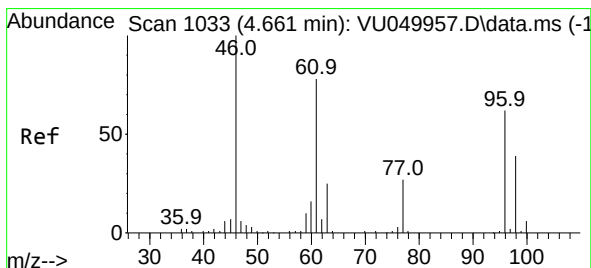
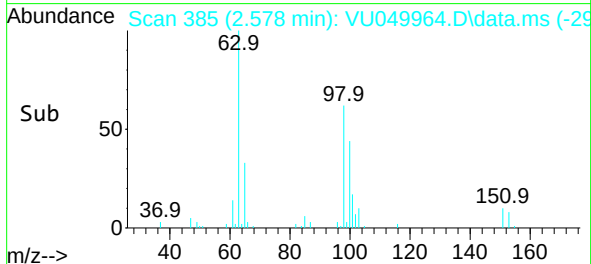
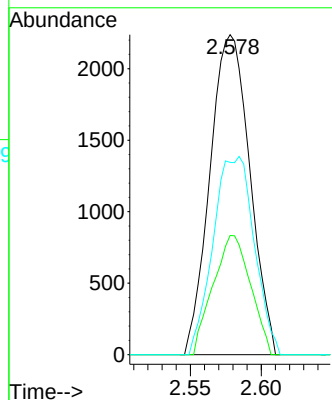
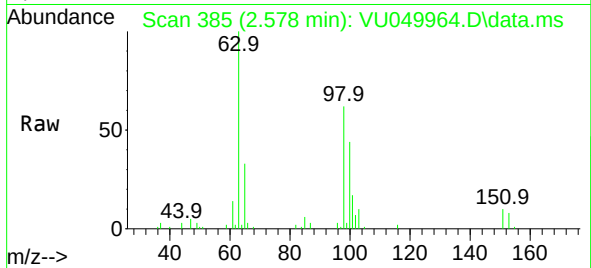




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.855 ug/L  
RT: 2.578 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU049964.D  
Acq: 27 Jul 2022 22:40

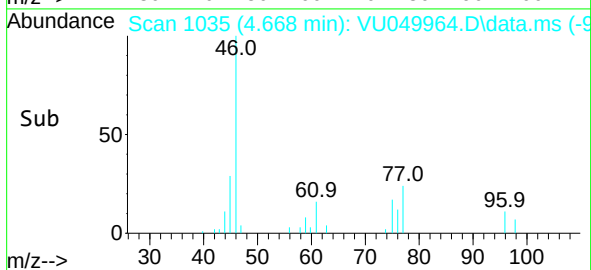
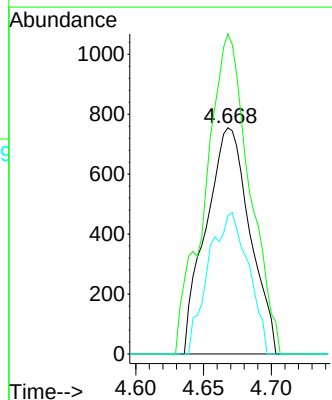
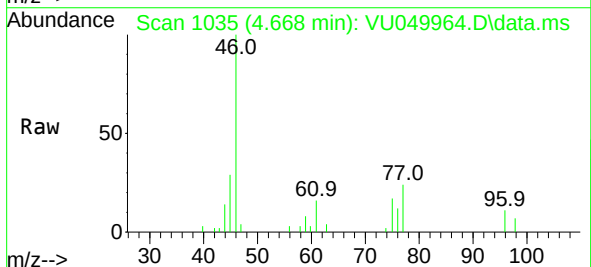
Instrument :  
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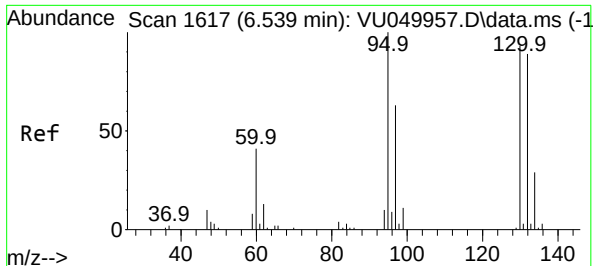
Tgt Ion:101 Resp: 4379  
Ion Ratio Lower Upper  
101 100  
85 35.0 34.1 51.1  
151 64.0 56.6 85.0



#22  
cis-1,2-Dichloroethene  
Concen: 0.273 ug/L  
RT: 4.668 min Scan# 1035  
Delta R.T. 0.006 min  
Lab File: VU049964.D  
Acq: 27 Jul 2022 22:40

Tgt Ion: 96 Resp: 1699  
Ion Ratio Lower Upper  
96 100  
61 141.5 87.2 161.9  
98 61.2 44.7 83.1



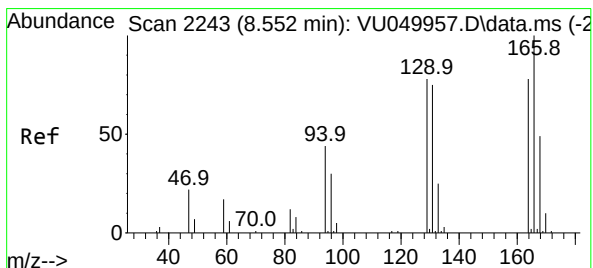
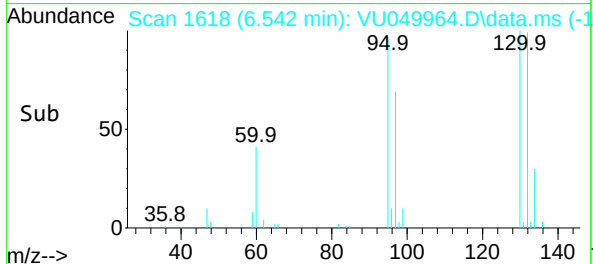
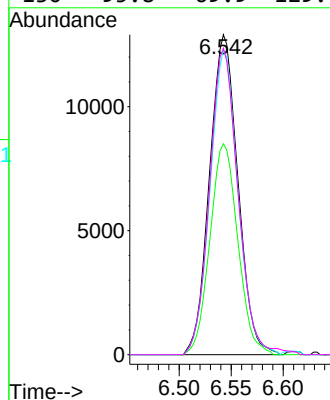
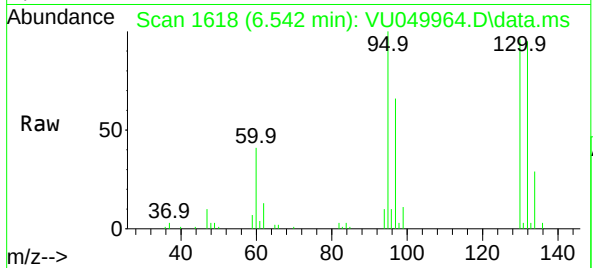


#34  
Trichloroethene  
Concen: 4.060 ug/L  
RT: 6.542 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU049964.D  
Acq: 27 Jul 2022 22:40

Instrument :  
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ClientSampleId :  
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Tgt Ion: 95 Resp: 24476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.9  | 45.6  | 84.8  |
| 132 | 95.3  | 66.8  | 124.2 |
| 130 | 95.8  | 69.9  | 129.7 |



#47  
Tetrachloroethene  
Concen: 1.167 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.003 min  
Lab File: VU049964.D  
Acq: 27 Jul 2022 22:40

Tgt Ion: 164 Resp: 5064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 93.0  | 66.3  | 123.1 |
| 131 | 90.6  | 63.1  | 117.1 |
| 166 | 107.5 | 84.6  | 157.0 |

