

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
 Data File : VU047342.D  
 Acq On : 04 Mar 2022 20:16  
 Operator : SY/MD  
 Sample : N1810-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBD92

Quant Time: Mar 04 23:25:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 04 23:20:39 2022  
 Response via : Initial Calibration

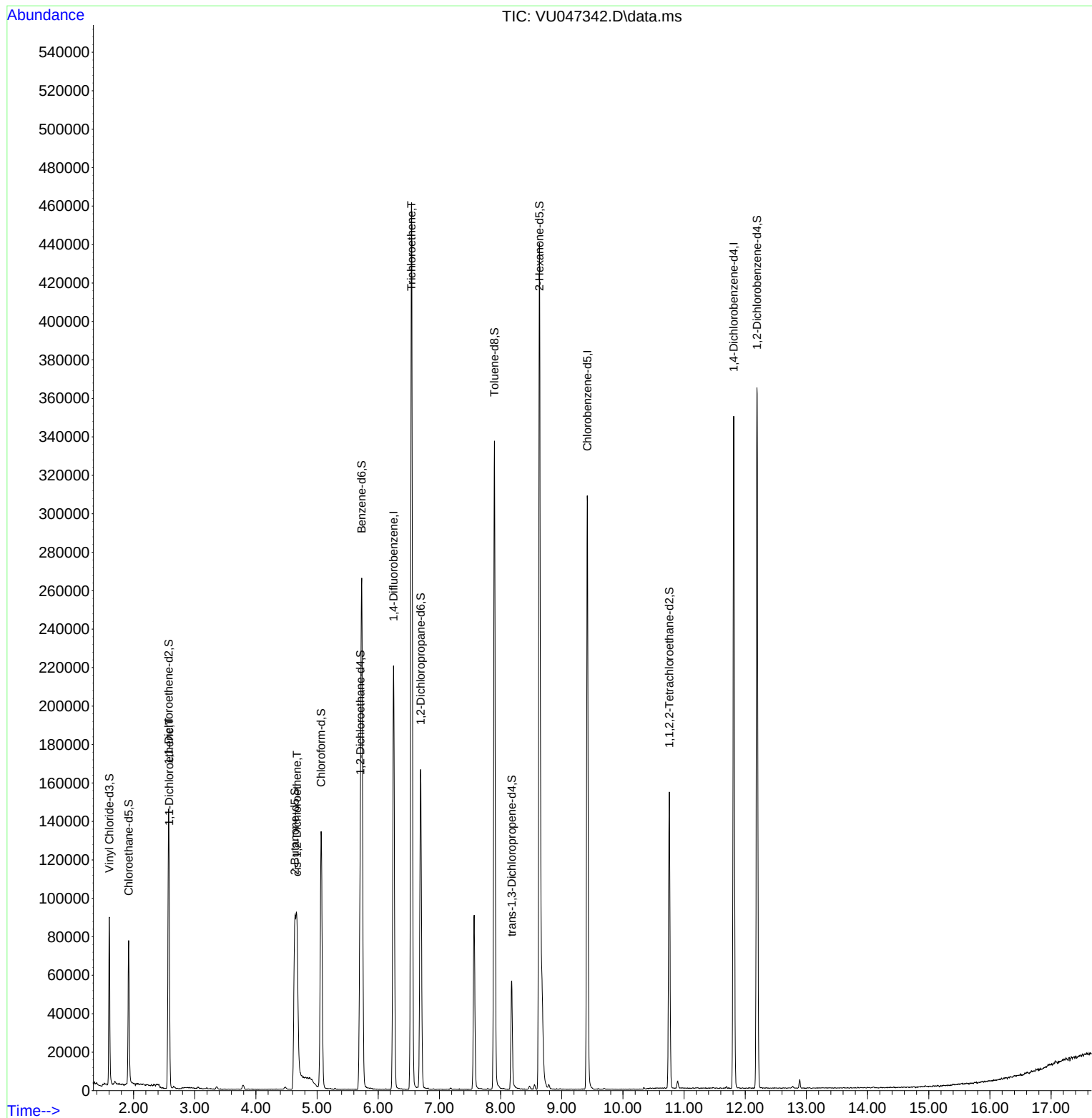
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 189162   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 180266   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 98310    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 63161    | 4.704    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 94.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 56550    | 5.049    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 101.000% |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 26551    | 4.683    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.600%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 169958   | 38.560   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 77.120%  |
| 24) Chloroform-d              | 5.067  | 84    | 122947   | 4.956    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65    | 70278    | 5.048    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 101.000% |
| 32) Benzene-d6                | 5.729  | 84    | 253939   | 5.002    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 100.000% |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 80154    | 5.069    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 101.400% |
| 41) Toluene-d8                | 7.899  | 98    | 231313   | 4.825    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.600%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 32760    | 4.715    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 94.200%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 191781   | 48.495   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 96.980%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 76705    | 4.761    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 95.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 100776   | 5.231    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 104.600% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.581  | 96    | 1909     | 0.206    | ug/L  | # 1      |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 32007    | 2.920    | ug/L  | 97       |
| 34) Trichloroethene           | 6.542  | 95    | 156654   | 14.650   | ug/L  | 94       |
| -----                         |        |       |          |          |       |          |

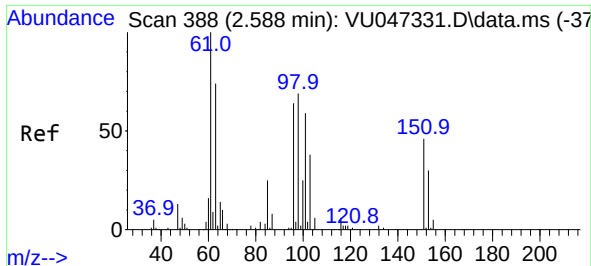
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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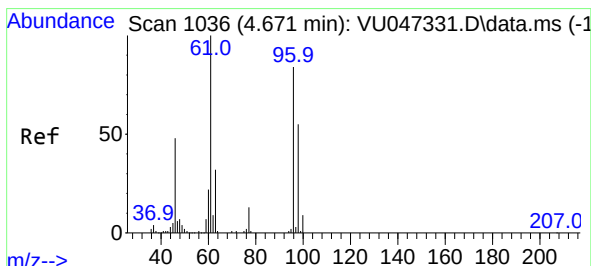
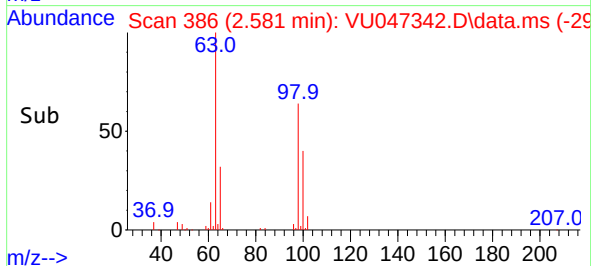
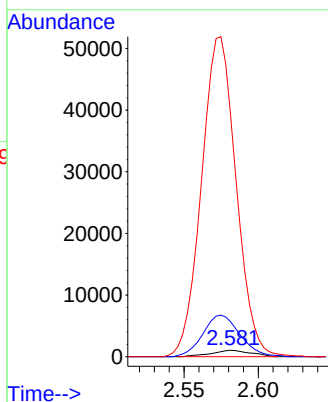
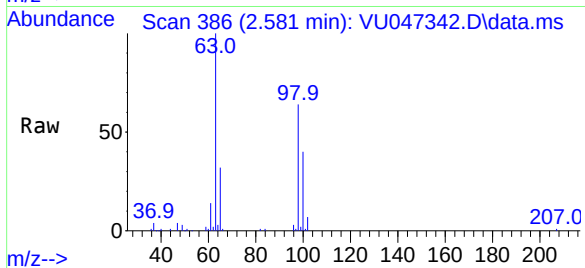




#12  
1,1-Dichloroethene  
Concen: 0.206 ug/L  
RT: 2.581 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: VU047342.D  
Acq: 04 Mar 2022 20:16

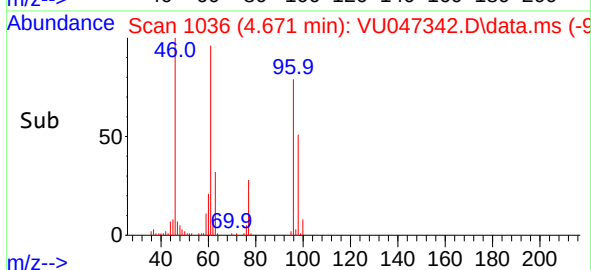
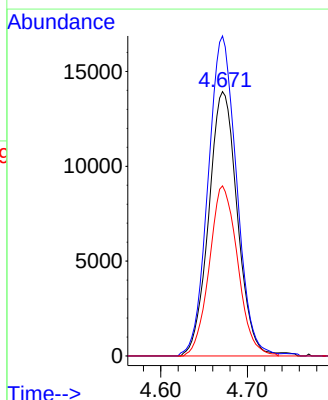
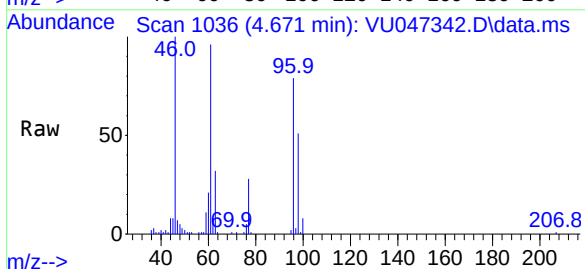
Instrument :  
MSVOA\_U  
ClientSampleId :  
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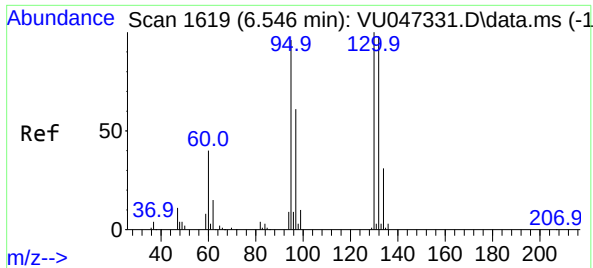
Tgt Ion: 96 Resp: 1909  
Ion Ratio Lower Upper  
96 100  
61 554.8 124.7 231.5#  
63 3850.0 105.2 195.4#



#22  
cis-1,2-Dichloroethene  
Concen: 2.920 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU047342.D  
Acq: 04 Mar 2022 20:16

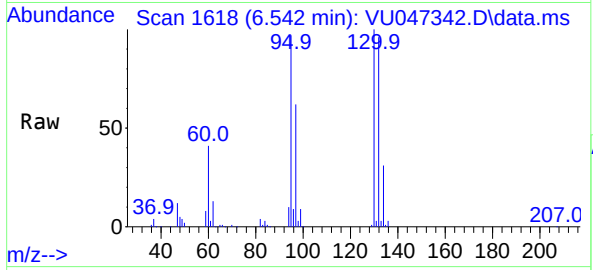
Tgt Ion: 96 Resp: 32007  
Ion Ratio Lower Upper  
96 100  
61 121.1 88.5 164.3  
98 64.3 44.4 82.5





#34  
 Trichloroethene  
 Concen: 14.650 ug/L  
 RT: 6.542 min Scan# 1  
 Delta R.T. -0.003 min  
 Lab File: VU047342.D  
 Acq: 04 Mar 2022 20:16

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Tgt Ion: 95 Resp: 156654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 46.5  | 86.5  |
| 132 | 99.7  | 65.1  | 120.9 |
| 130 | 103.5 | 67.3  | 124.9 |

