

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121222\  
 Data File : VU052351.D  
 Acq On : 12 Dec 2022 14:36  
 Operator : JC/MD  
 Sample : N5949-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 13 01:04:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 13 01:01:45 2022  
 Response via : Initial Calibration

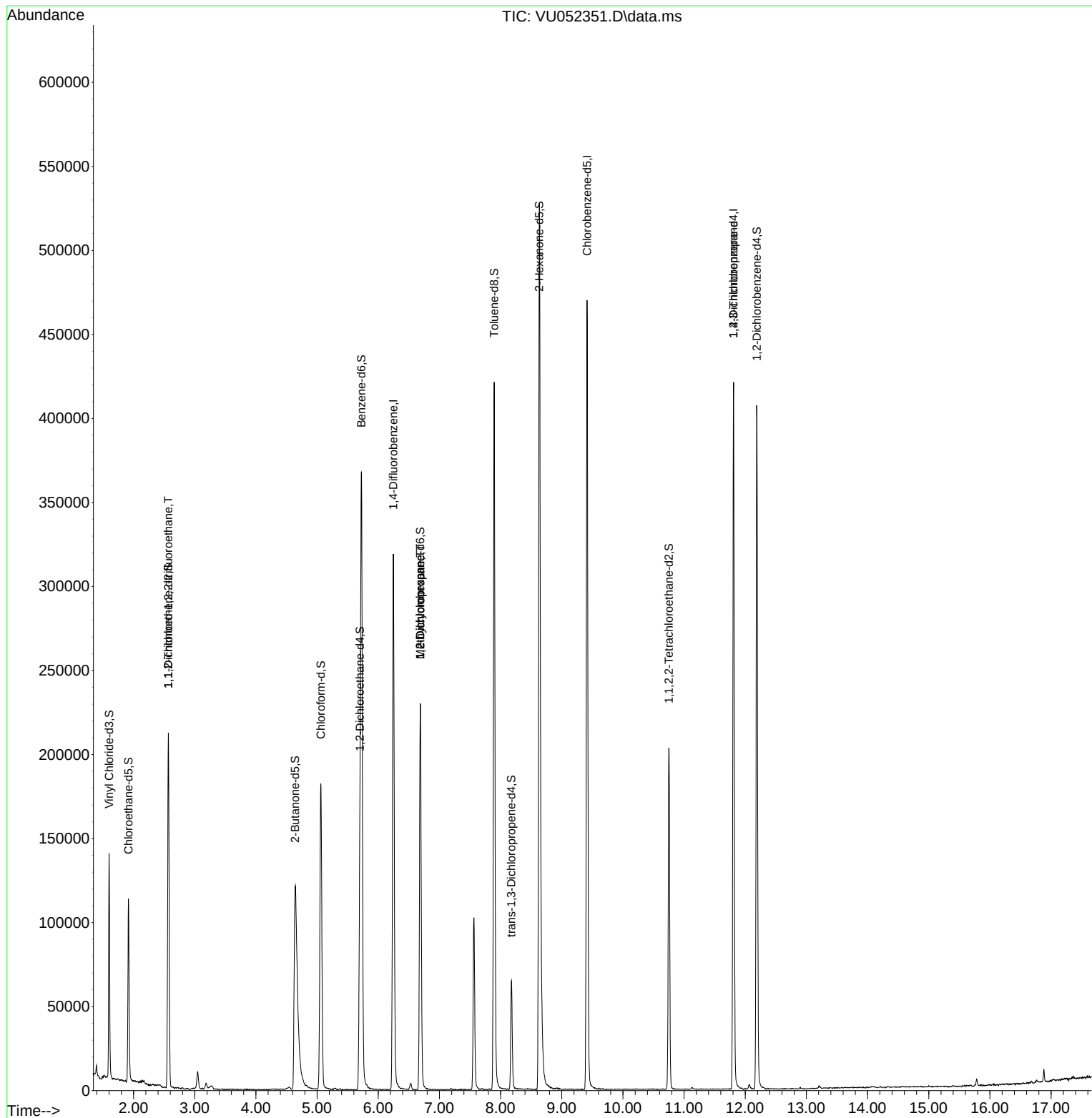
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 265345   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 279623   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 118444   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 98663    | 3.823  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.400%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 83457    | 4.163  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 83.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 39368    | 4.255  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 85.200%  |          |
| 20) 2-Butanone-d5             | 4.642  | 46             | 262146   | 56.033 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 112.060% |          |
| 24) Chloroform-d              | 5.060  | 84             | 176887   | 4.664  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 92749    | 4.842  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.800%  |          |
| 32) Benzene-d6                | 5.726  | 84             | 362446   | 4.366  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 119592   | 4.655  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 93.200%  |          |
| 41) Toluene-d8                | 7.896  | 98             | 291422   | 3.880  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 37910    | 4.049  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 81.000%  |          |
| 46) 2-Hexanone-d5             | 8.632  | 63             | 184803   | 46.579 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.160%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 106211   | 4.768  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 112950   | 4.981  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101            | 1283     | 0.066  | ug/L #   | 20       |
| 35) Methylcyclohexane         | 6.687  | 83             | 26611    | 0.815  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.687  | 63             | 11680    | 0.496  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 14114    | 1.041  | ug/L #   | 70       |

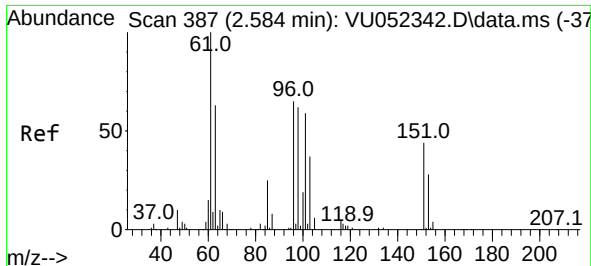
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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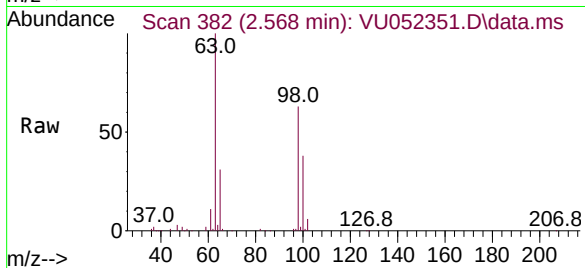
Quant Time: Dec 13 01:04:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
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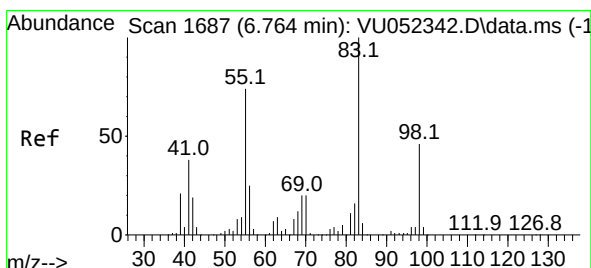
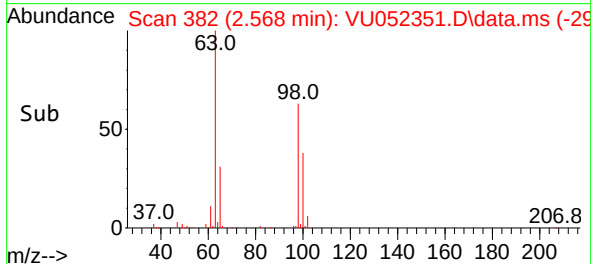
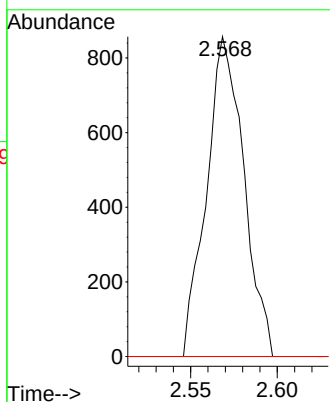


#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.066 ug/L  
RT: 2.568 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VU052351.D  
Acq: 12 Dec 2022 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :

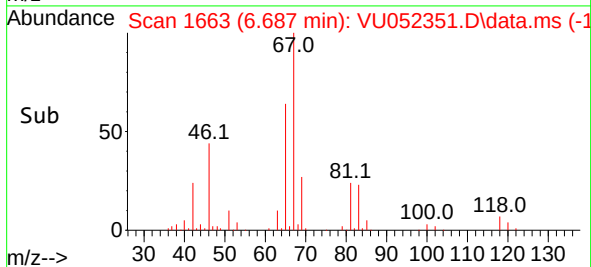
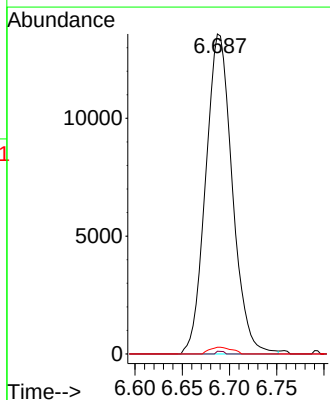
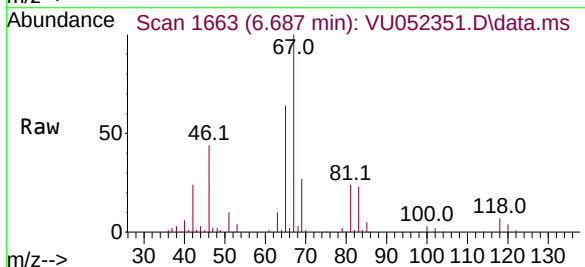


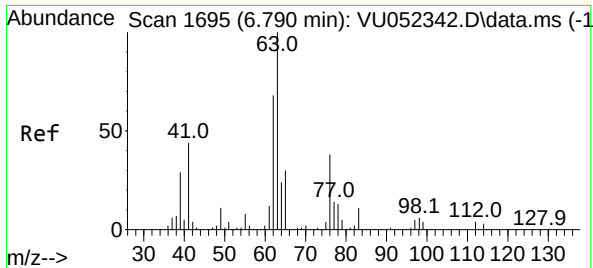
Tgt Ion:101 Resp: 1283  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



#35  
Methylcyclohexane  
Concen: 0.815 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.077 min  
Lab File: VU052351.D  
Acq: 12 Dec 2022 14:36

Tgt Ion: 83 Resp: 26611  
Ion Ratio Lower Upper  
83 100  
55 0.2 60.8 91.2#  
98 1.8 35.1 52.7#

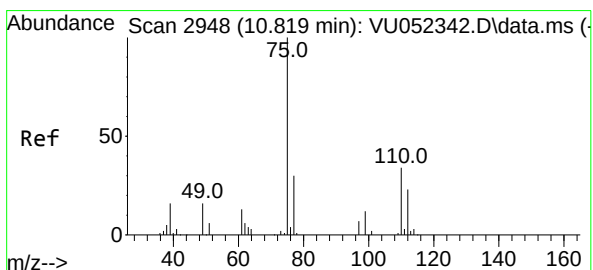
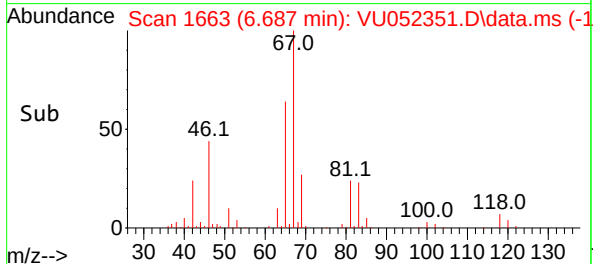
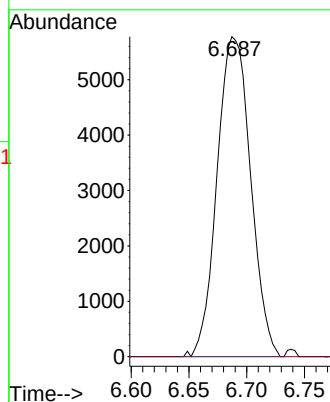
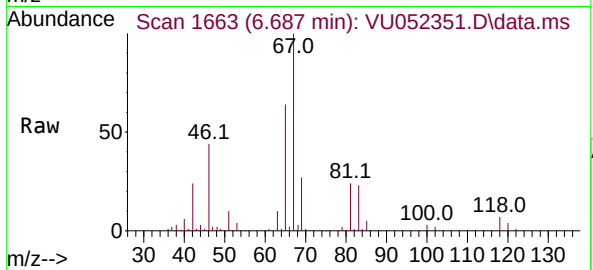




#37  
1,2-Dichloropropane  
Concen: 0.496 ug/L  
RT: 6.687 min Scan# 11680  
Delta R.T. -0.103 min  
Lab File: VU052351.D  
Acq: 12 Dec 2022 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 11680  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.041 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.990 min  
Lab File: VU052351.D  
Acq: 12 Dec 2022 14:36

Tgt Ion: 75 Resp: 14114  
Ion Ratio Lower Upper  
75 100  
110 2.1 28.3 42.5#  
77 32.0 26.2 39.2

