

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090424\  
 Data File : VU060601.D  
 Acq On : 04 Sep 2024 15:52  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 05 03:57:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 05 03:55:13 2024  
 Response via : Initial Calibration

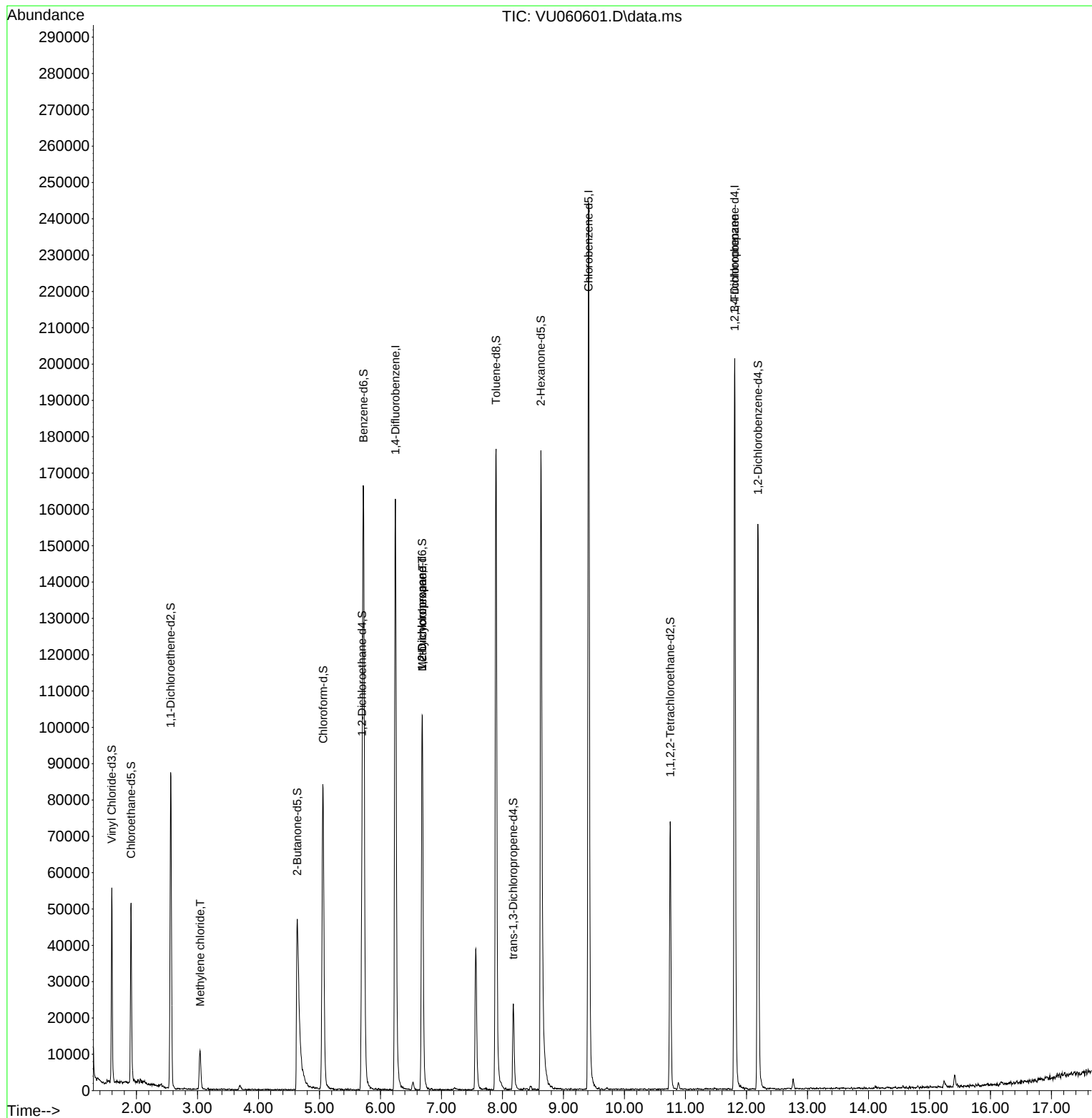
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 136607   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 145760   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 57573    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 38001    | 6.298    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 126.000% |
| 7) Chloroethane-d5            | 1.911  | 69    | 36730    | 4.018    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 17387    | 4.889    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.800%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 95083    | 45.827   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.660%  |
| 24) Chloroform-d              | 5.058  | 84    | 82055    | 4.770    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 42488    | 4.733    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 160870   | 5.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 52601    | 5.115    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.200% |
| 41) Toluene-d8                | 7.894  | 98    | 129334   | 4.325    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 14701    | 3.995    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 63554    | 36.071   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 72.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 38772    | 4.237    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 84.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 44764    | 5.273    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.042  | 84    | 5238     | 0.482    | ug/L   | 89       |
| 35) Methylcyclohexane         | 6.685  | 83    | 12379    | 0.720    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 5385     | 0.455    | ug/L # | 91       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 6937     | 1.249    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

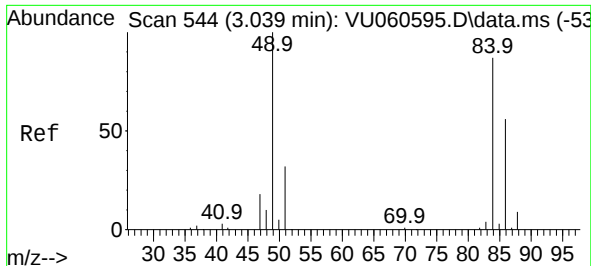
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 05 03:55:13 2024  
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#16

Methylene chloride

Concen: 0.482 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU060601.D

Acq: 04 Sep 2024 15:52

Instrument :

MSVOA\_V

ClientSampleId :

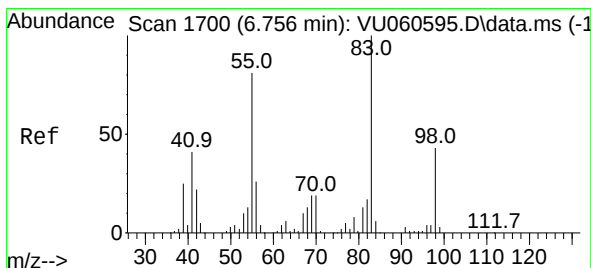
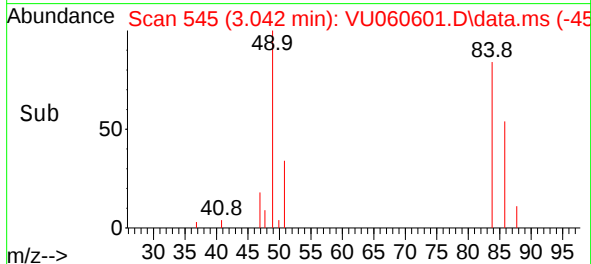
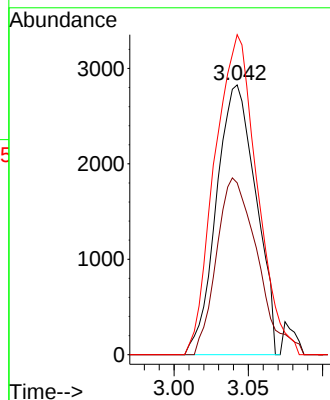
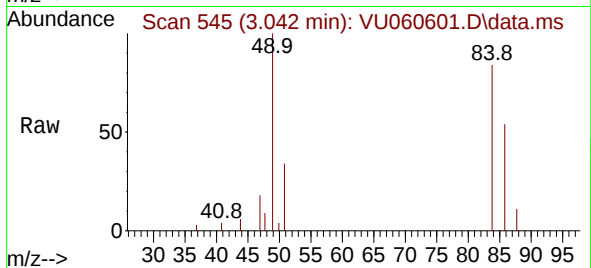
Tgt Ion: 84 Resp: 5238

Ion Ratio Lower Upper

84 100

86 63.7 47.5 88.3

49 118.6 94.4 175.2



#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060601.D

Acq: 04 Sep 2024 15:52

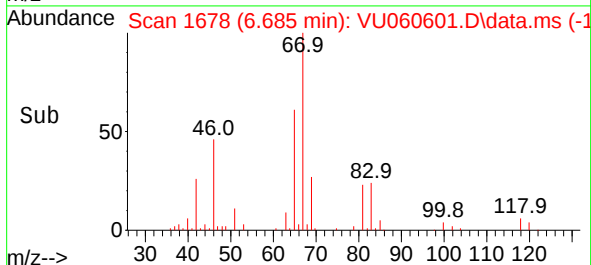
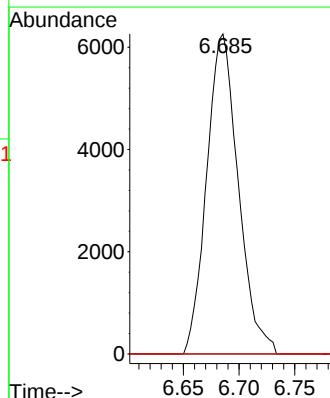
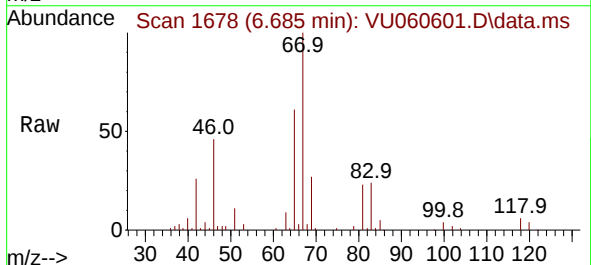
Tgt Ion: 83 Resp: 12379

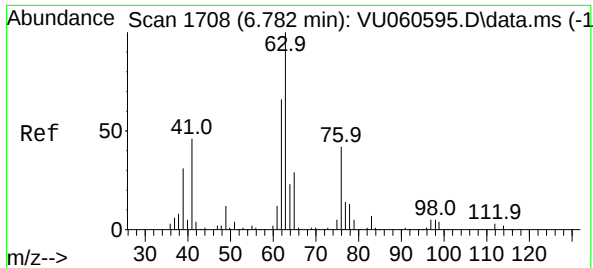
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 1.0 37.8 56.8#

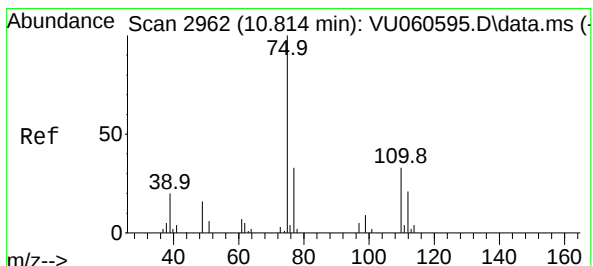
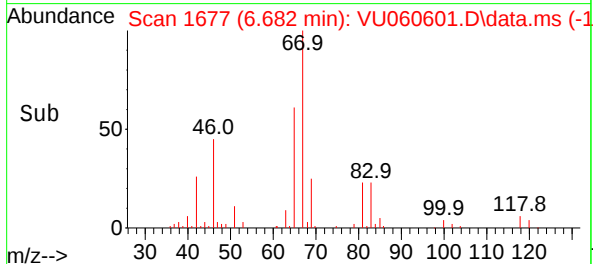
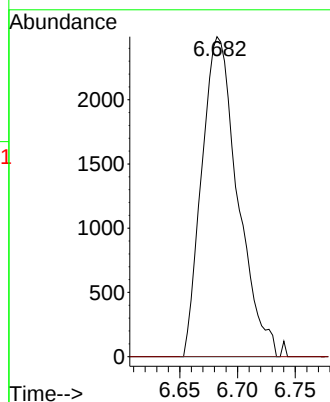
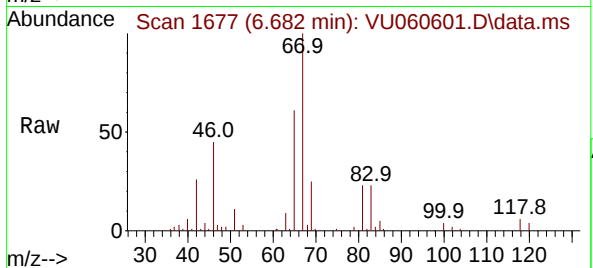




#37  
1,2-Dichloropropane  
Concen: 0.455 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU060601.D  
Acq: 04 Sep 2024 15:52

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 63 Resp: 5385  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.3 3.5#



#61  
1,2,3-Trichloropropane  
Concen: 1.249 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU060601.D  
Acq: 04 Sep 2024 15:52

Tgt Ion: 75 Resp: 6937  
Ion Ratio Lower Upper  
75 100  
110 0.6 30.2 45.4#  
77 31.4 25.4 38.2

