

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092624\  
 Data File : VU061018.D  
 Acq On : 26 Sep 2024 14:16  
 Operator : MD/SY  
 Sample : P4186-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 27 04:53:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 27 04:49:19 2024  
 Response via : Initial Calibration

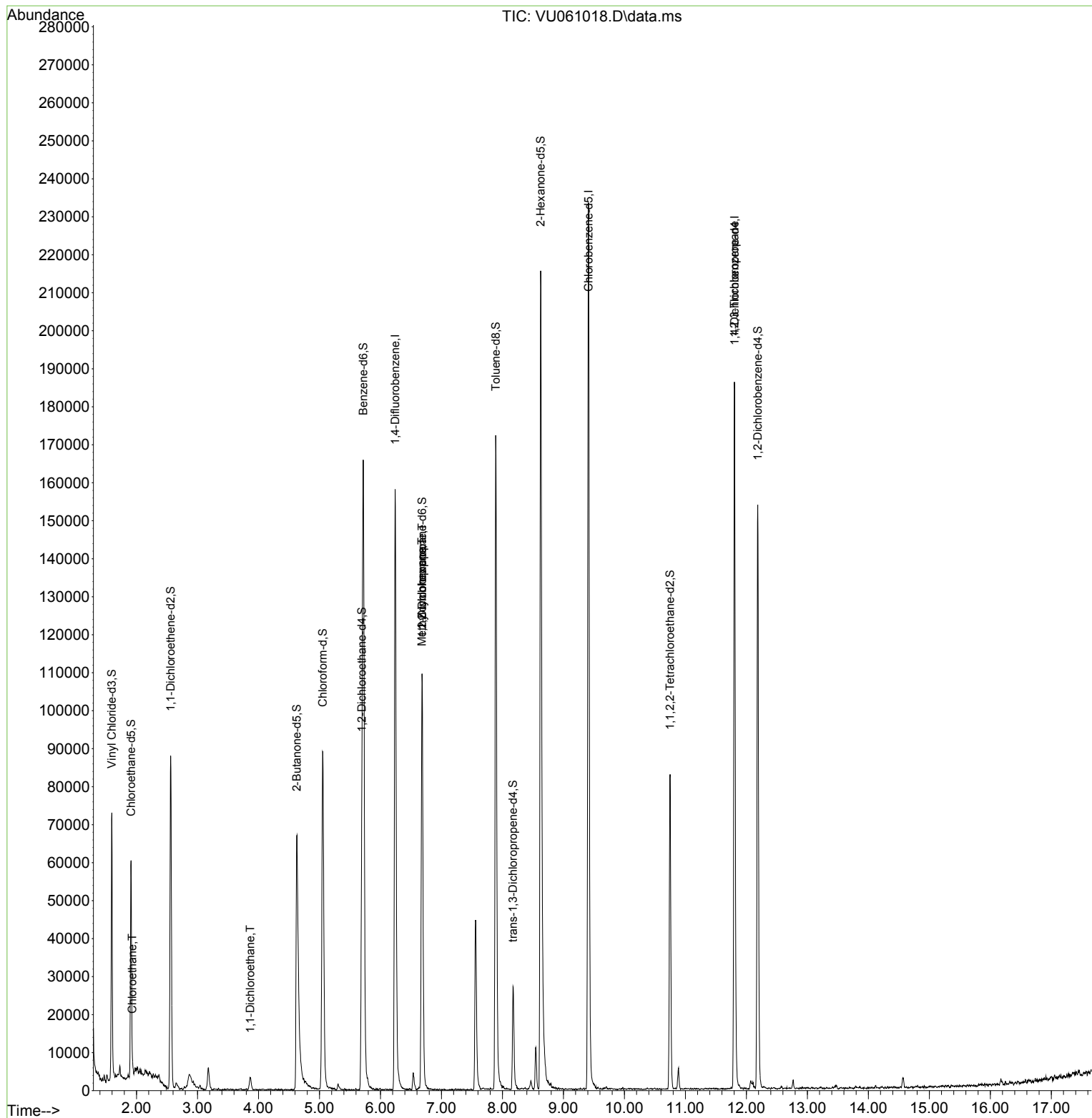
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.241  | 114            | 131984   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 142572   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 53039    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 48623    | 4.096  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 82.000%  |          |
| 7) Chloroethane-d5            | 1.910  | 69             | 43267    | 5.119  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 17683    | 4.203  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 84.000%  |          |
| 20) 2-Butanone-d5             | 4.627  | 46             | 102729   | 53.905 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 107.800% |          |
| 24) Chloroform-d              | 5.052  | 84             | 86625    | 4.773  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 43324    | 4.994  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.800%  |          |
| 32) Benzene-d6                | 5.717  | 84             | 163049   | 4.267  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 58029    | 4.908  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.200%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 126771   | 3.639  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 72.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 18310    | 4.302  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.000%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 77958    | 46.437 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.880%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 45803    | 4.945  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 44535    | 4.997  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.000% |          |
| Target Compounds              |        |                |          |        |          |          |
| 8) Chloroethane               | 1.933  | 64             | 2852     | 0.410  | ug/L #   | 66       |
| 19) 1,1-Dichloroethane        | 3.865  | 63             | 4158     | 0.241  | ug/L #   | 87       |
| 35) Methylcyclohexane         | 6.679  | 83             | 12564    | 0.891  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 5800     | 0.537  | ug/L #   | 93       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75             | 6257     | 1.265  | ug/L #   | 68       |

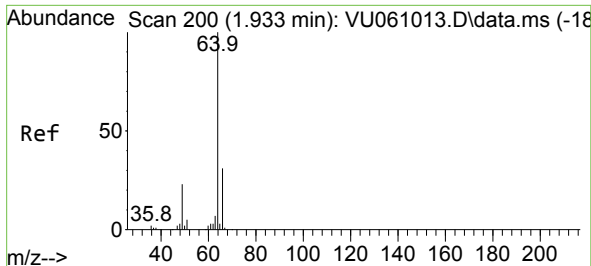
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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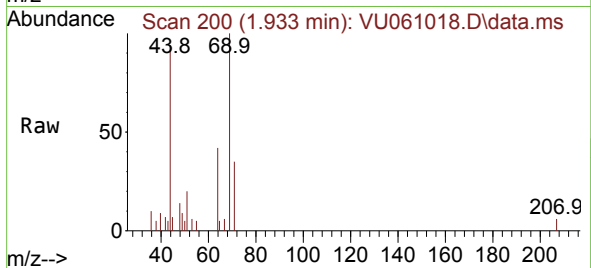
Quant Time: Sep 27 04:53:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 27 04:49:19 2024  
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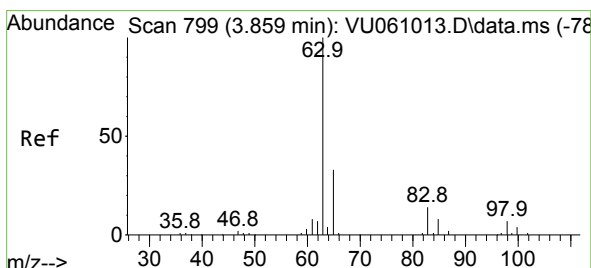
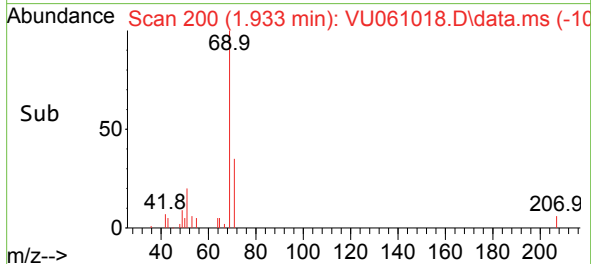
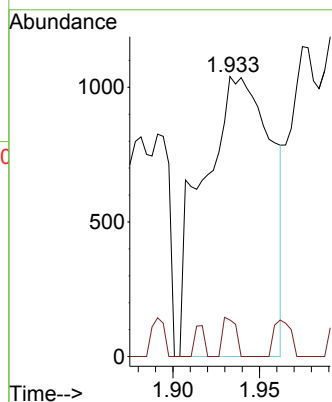


#8  
Chloroethane  
Concen: 0.410 ug/L  
RT: 1.933 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VU061018.D  
Acq: 26 Sep 2024 14:16

Instrument :  
MSVOA\_U  
ClientSampleId :

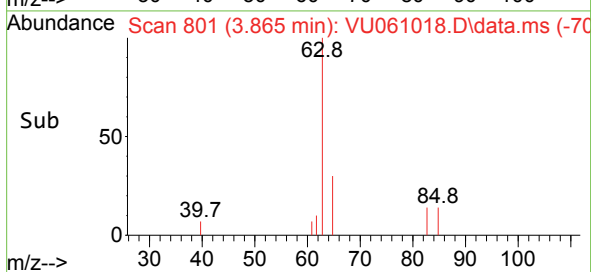
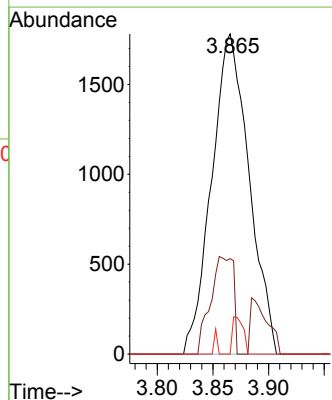
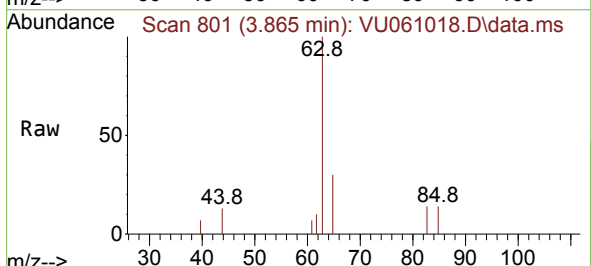


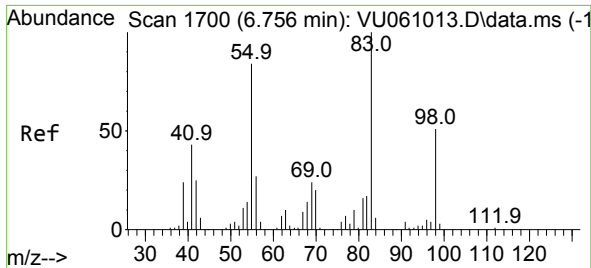
Tgt Ion: 64 Resp: 2852  
Ion Ratio Lower Upper  
64 100  
66 13.1 22.3 41.3#



#19  
1,1-Dichloroethane  
Concen: 0.241 ug/L  
RT: 3.865 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VU061018.D  
Acq: 26 Sep 2024 14:16

Tgt Ion: 63 Resp: 4158  
Ion Ratio Lower Upper  
63 100  
65 29.8 23.0 42.8  
83 0.0 9.0 16.6#

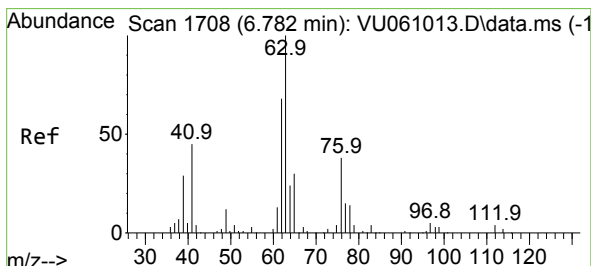
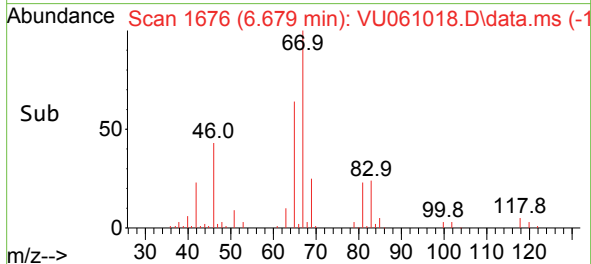
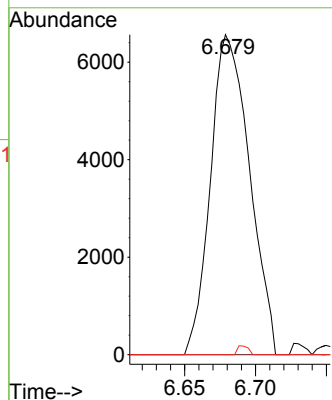
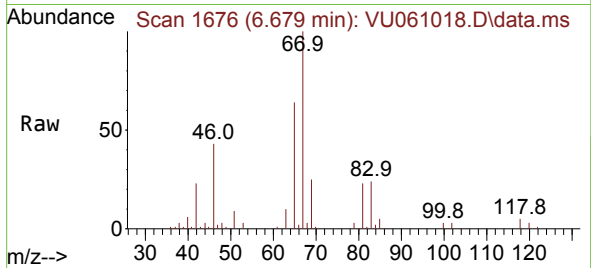




#35  
Methylcyclohexane  
Concen: 0.891 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.077 min  
Lab File: VU061018.D  
Acq: 26 Sep 2024 14:16

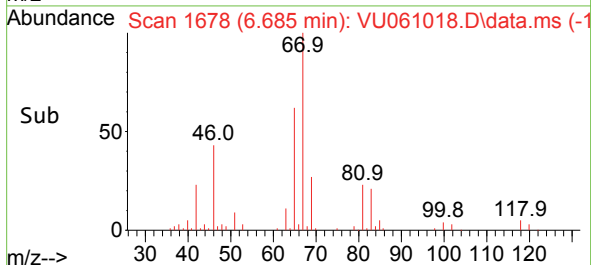
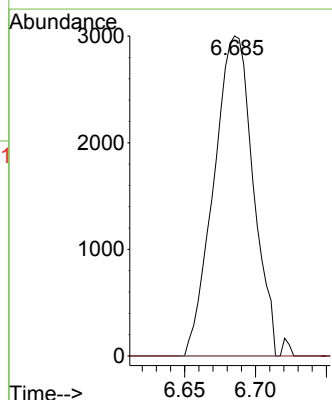
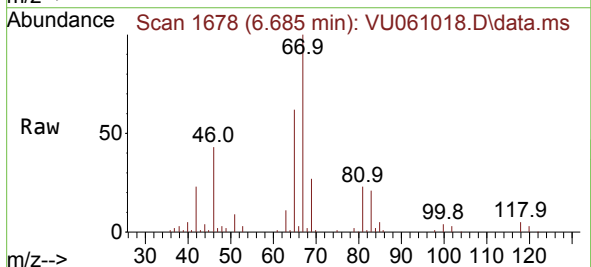
Instrument :  
MSVOA\_U  
ClientSampleId :

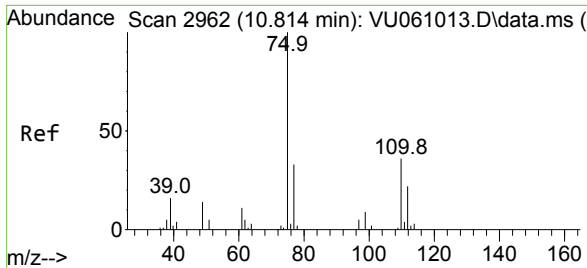
Tgt Ion: 83 Resp: 12564  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.6 94.0#  
98 0.8 37.6 56.4#



#37  
1,2-Dichloropropane  
Concen: 0.537 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.097 min  
Lab File: VU061018.D  
Acq: 26 Sep 2024 14:16

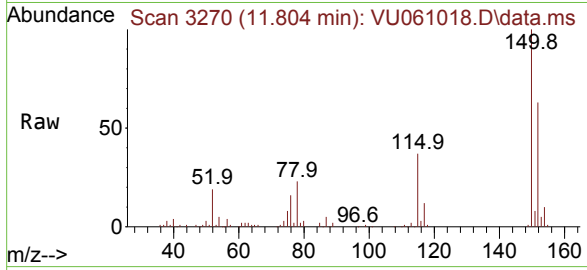
Tgt Ion: 63 Resp: 5800  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.0 3.0#





#61  
1,2,3-Trichloropropane  
Concen: 1.265 ug/L  
RT: 11.804 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU061018.D  
Acq: 26 Sep 2024 14:16

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 6257  
Ion Ratio Lower Upper  
75 100  
110 1.7 28.6 43.0#  
77 35.0 26.3 39.5

