

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121324\  
 Data File : VU062328.D  
 Acq On : 13 Dec 2024 22:41  
 Operator : MD/SY  
 Sample : P5253-21  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 14 04:46:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 14 03:45:56 2024  
 Response via : Initial Calibration

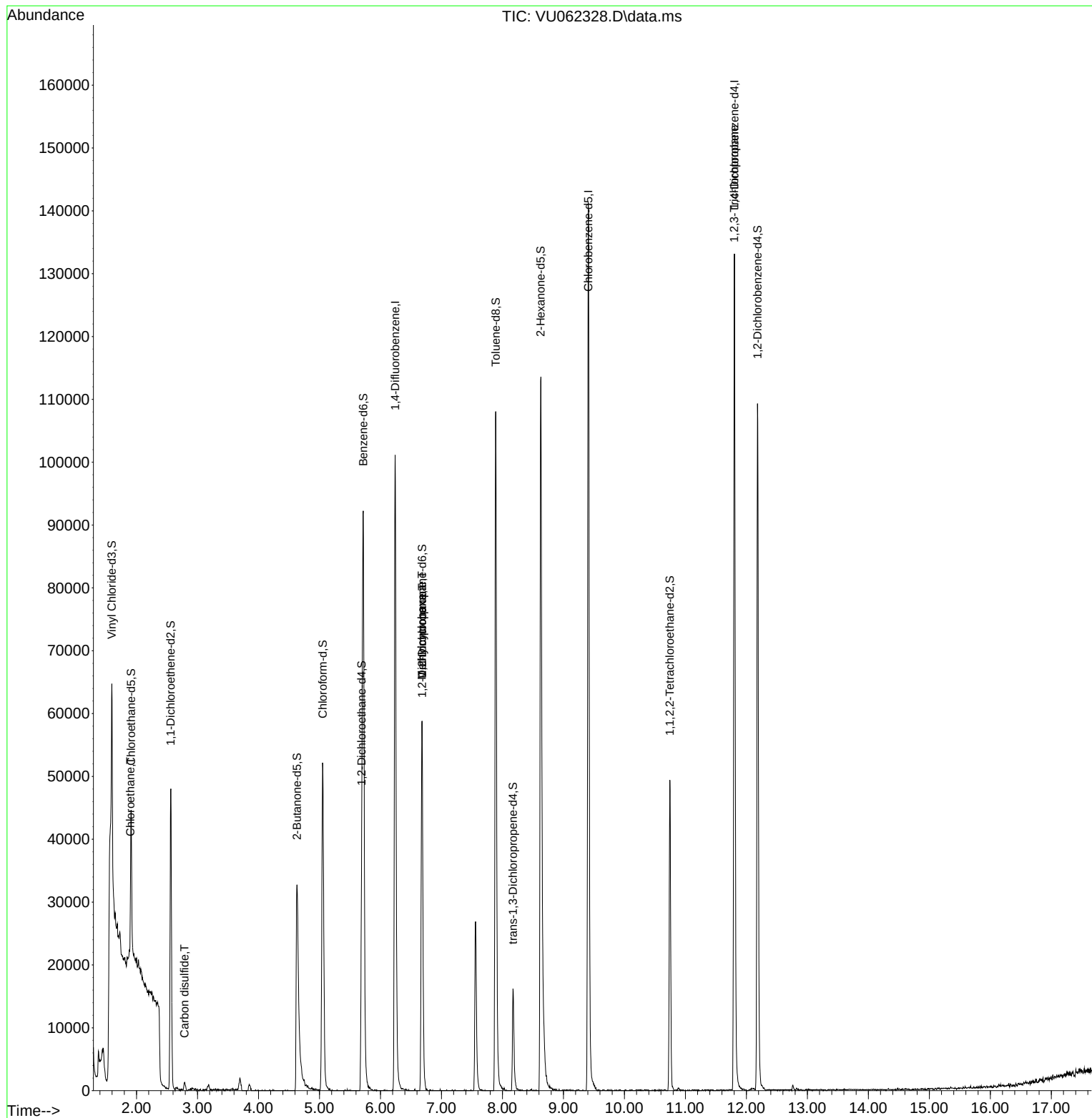
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 86183    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 84492    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 39243    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 18197    | 3.130    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 62.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 16682    | 4.035    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 9287     | 3.358    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.200%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 55152    | 49.505   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.000%  |
| 24) Chloroform-d              | 5.052  | 84    | 51386    | 4.084    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 27515    | 4.448    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 32) Benzene-d6                | 5.718  | 84    | 88127    | 3.621    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 28517    | 4.096    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 82.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 78134    | 3.399    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.000%# |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 11167    | 3.644    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 72.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 40894    | 44.228   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 24597    | 4.540    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 32163    | 4.448    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.901  | 64    | 635      | 0.172    | ug/L # | 51       |
| 14) Carbon disulfide          | 2.788  | 76    | 1875     | 0.102    | ug/L # | 74       |
| 35) Methylcyclohexane         | 6.679  | 83    | 6897     | 0.627    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 3144     | 0.493    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.801 | 75    | 3728     | 1.027    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

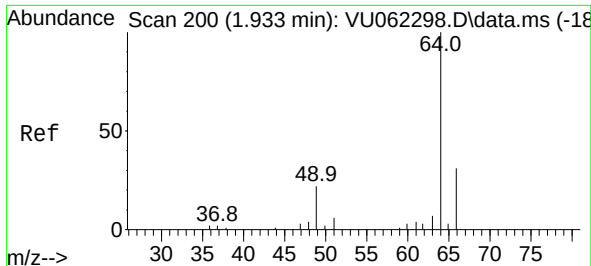
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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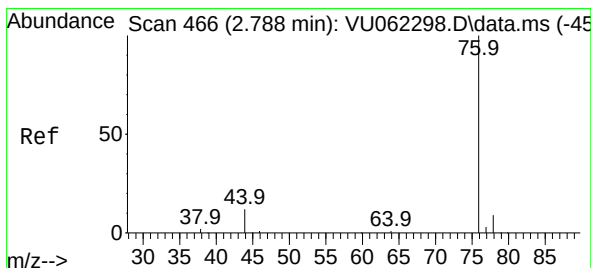
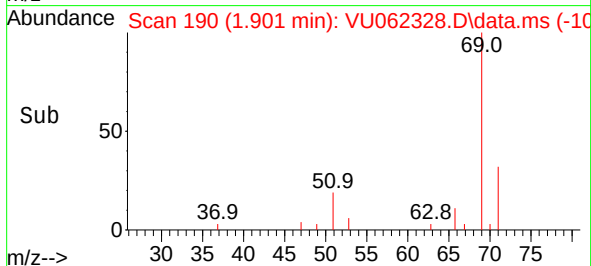
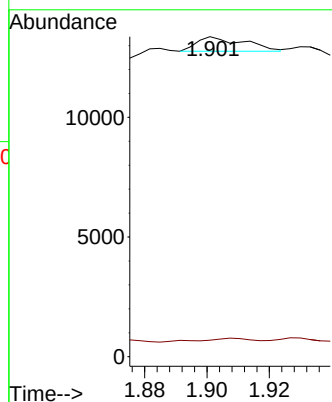
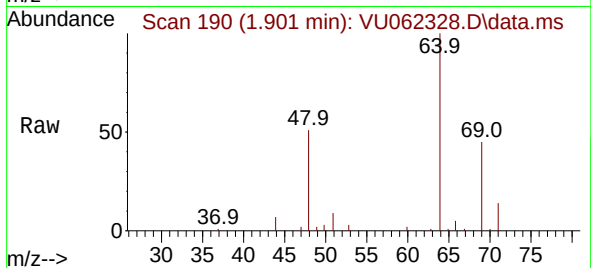




#8  
Chloroethane  
Concen: 0.172 ug/L  
RT: 1.901 min Scan# 190  
Delta R.T. -0.032 min  
Lab File: VU062328.D  
Acq: 13 Dec 2024 22:41

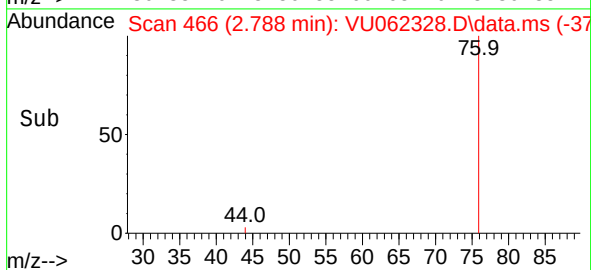
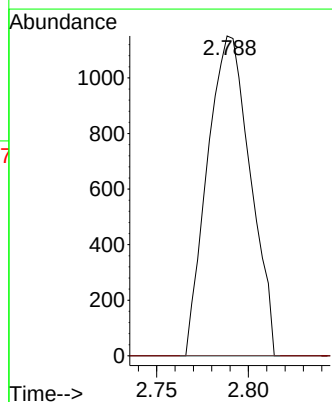
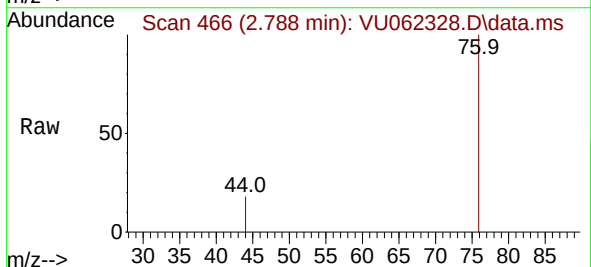
Instrument :  
MSVOA\_U  
ClientSampleId :

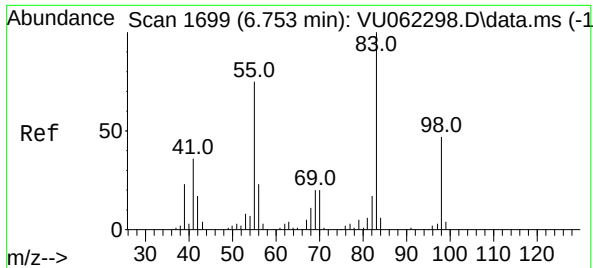
Tgt Ion: 64 Resp: 635  
Ion Ratio Lower Upper  
64 100  
66 5.2 23.2 43.2#



#14  
Carbon disulfide  
Concen: 0.102 ug/L  
RT: 2.788 min Scan# 466  
Delta R.T. 0.000 min  
Lab File: VU062328.D  
Acq: 13 Dec 2024 22:41

Tgt Ion: 76 Resp: 1875  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#





#35

Methylcyclohexane

Concen: 0.627 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062328.D

Acq: 13 Dec 2024 22:41

Instrument :

MSVOA\_U

ClientSampleId :

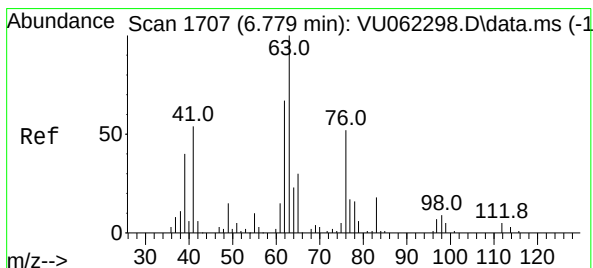
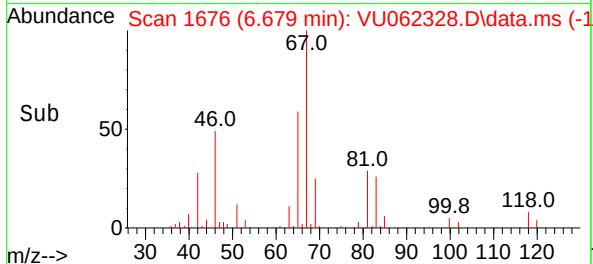
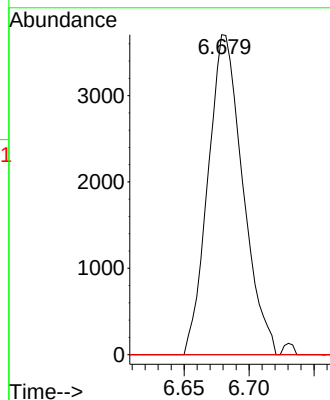
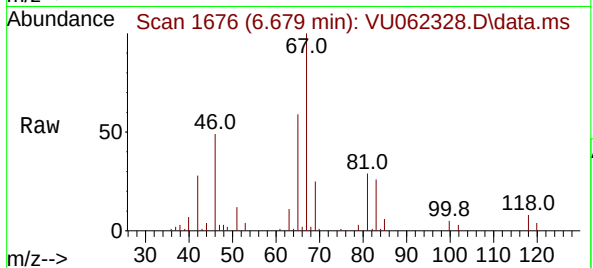
Tgt Ion: 83 Resp: 6897

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.093 min

Lab File: VU062328.D

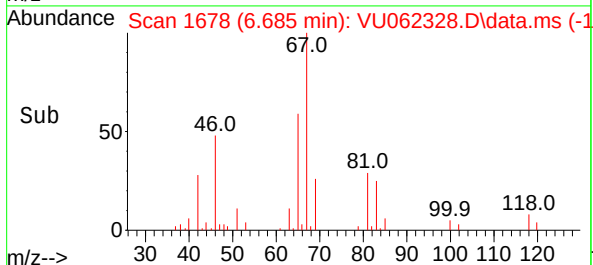
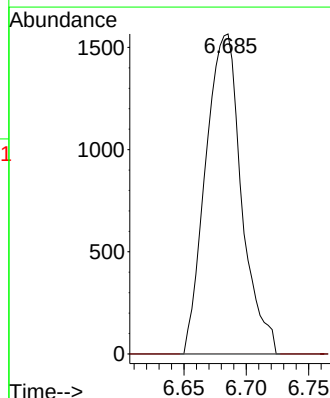
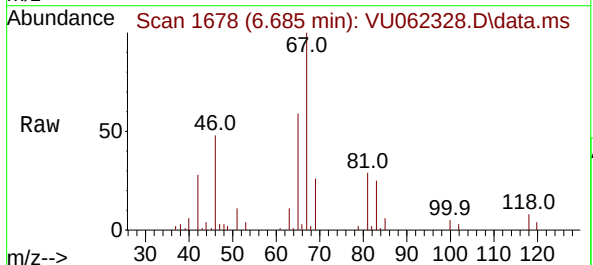
Acq: 13 Dec 2024 22:41

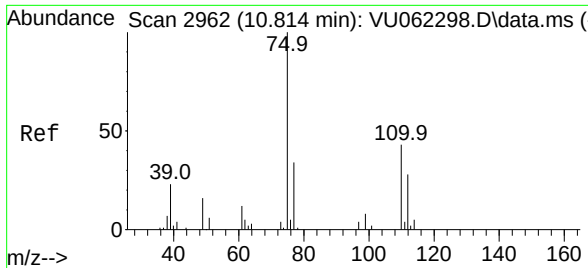
Tgt Ion: 63 Resp: 3144

Ion Ratio Lower Upper

63 100

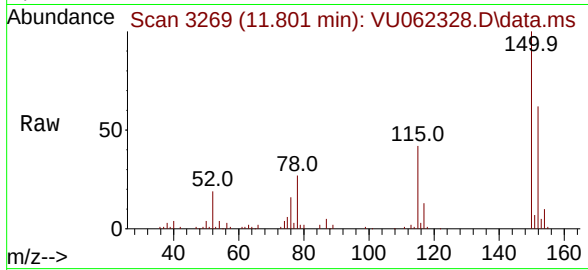
112 0.0 3.4 5.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.027 ug/L  
 RT: 11.801 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU062328.D  
 Acq: 13 Dec 2024 22:41

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3728  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 28.9  | 43.3# |
| 77       | 38.9  | 26.5  | 39.7  |

