

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082421\  
 Data File : VU044523.D  
 Acq On : 24 Aug 2021 15:07  
 Operator : SY/MD  
 Sample : M3517-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Aug 25 03:52:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 25 03:50:31 2021  
 Response via : Initial Calibration

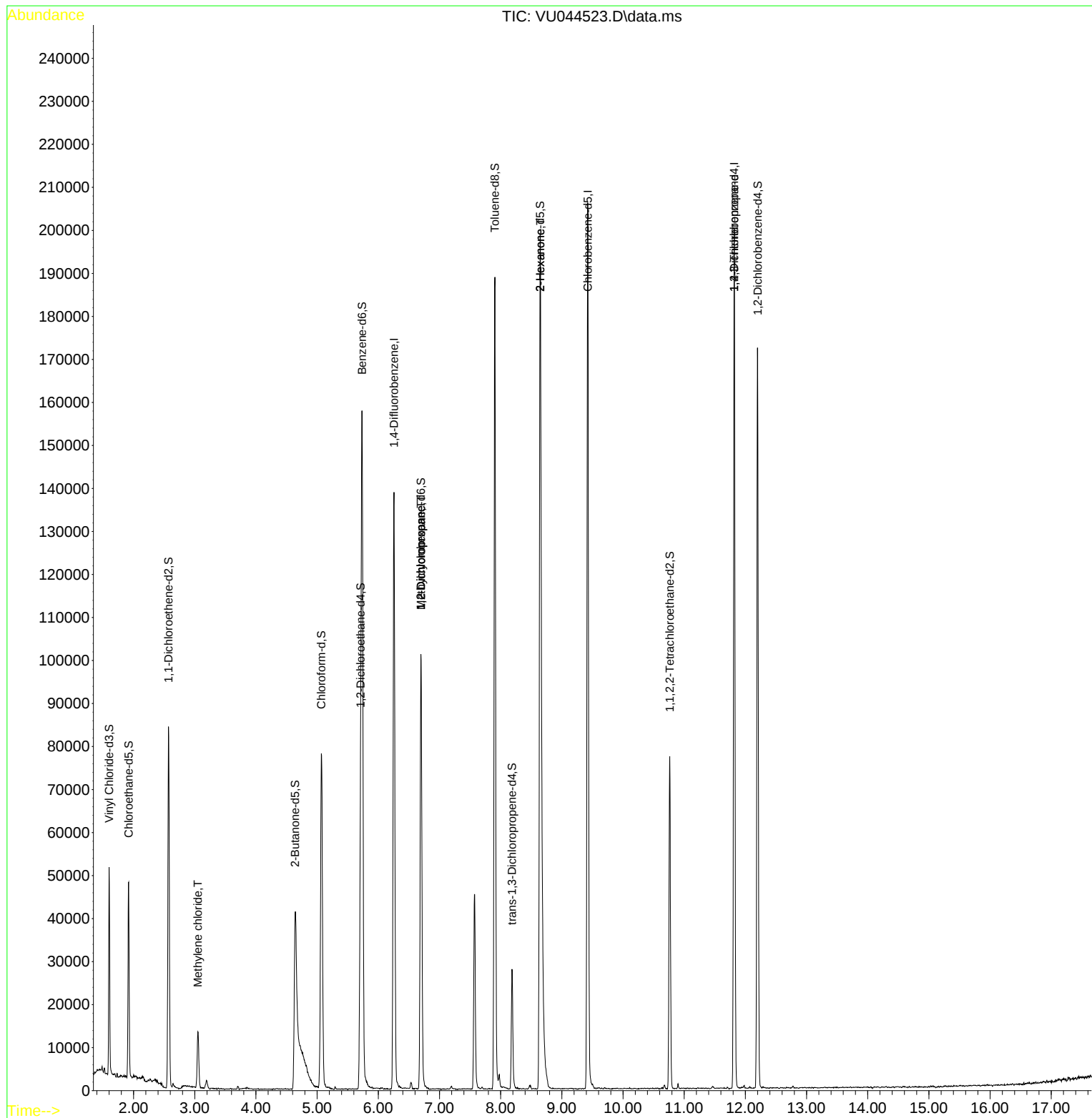
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 110583   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 111325   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 49805    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 33904    | 3.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.800%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 33199    | 4.271    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 16010    | 4.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.200%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 106290   | 42.972   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 85.940%  |
| 24) Chloroform-d              | 5.070  | 84    | 72128    | 4.561    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 42707    | 4.952    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.000%  |
| 32) Benzene-d6                | 5.735  | 84    | 145494   | 4.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 48732    | 4.859    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.906  | 98    | 123124   | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 16335    | 4.535    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.800%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 99865    | 51.275   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.540% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 40063    | 4.743    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 42632    | 5.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.051  | 84    | 6145     | 0.487    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.697  | 83    | 11190    | 0.719    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 5246     | 0.530    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.648  | 43    | 13731    | 2.866    | ug/L # | 69       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 6713     | 1.079    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

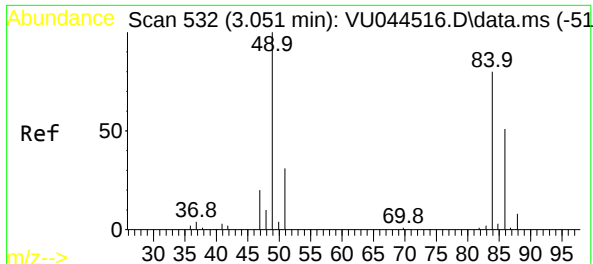
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Aug 25 03:50:31 2021  
Response via : Initial Calibration

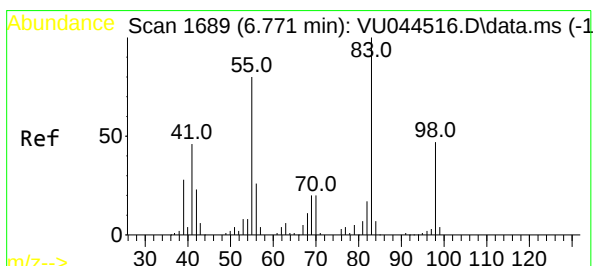
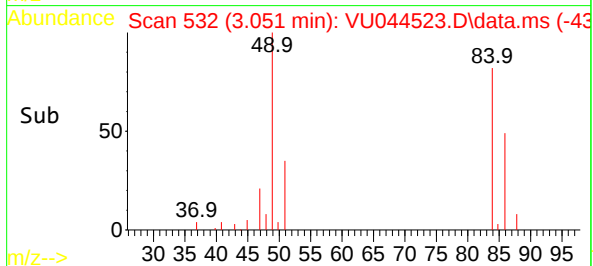
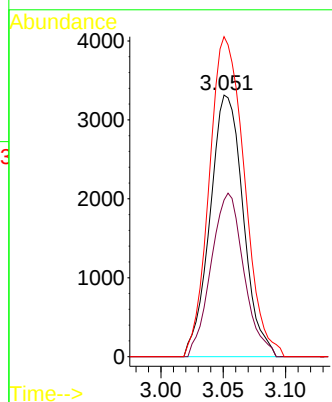
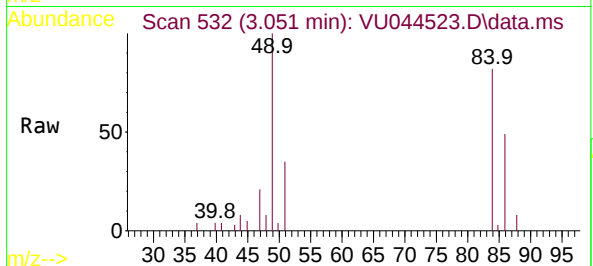




#16  
Methylene chloride  
Concen: 0.487 ug/L  
RT: 3.051 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VU044523.D  
Acq: 24 Aug 2021 15:07

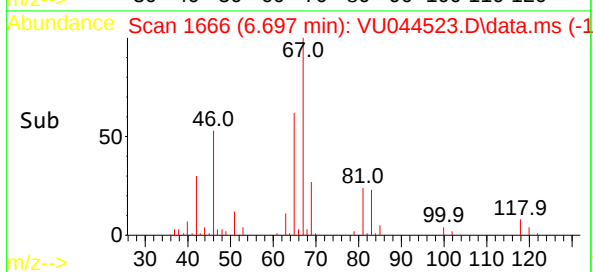
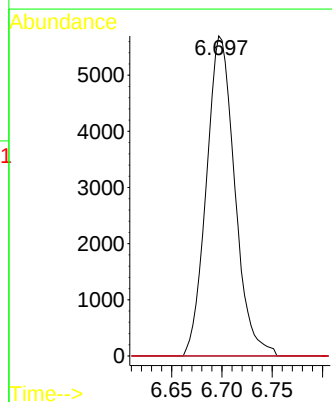
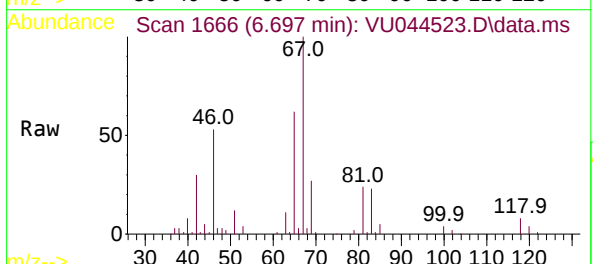
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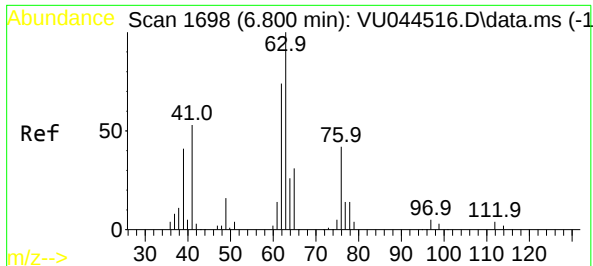
Tgt Ion: 84 Resp: 6145  
Ion Ratio Lower Upper  
84 100  
86 59.9 45.2 84.0  
49 126.9 88.8 165.0



#35  
Methylcyclohexane  
Concen: 0.719 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.074 min  
Lab File: VU044523.D  
Acq: 24 Aug 2021 15:07

Tgt Ion: 83 Resp: 11190  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.8 97.2#  
98 0.7 37.5 56.3#

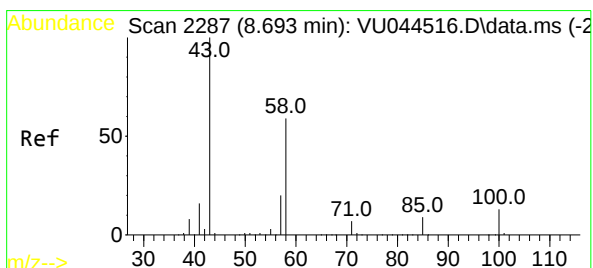
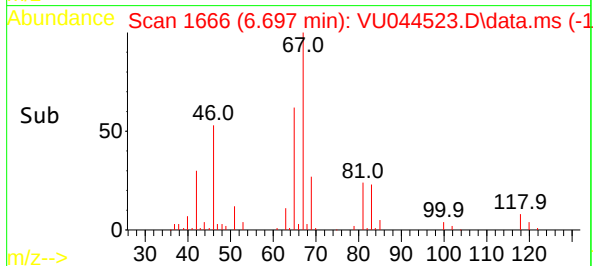
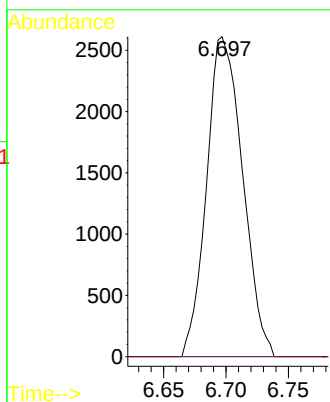
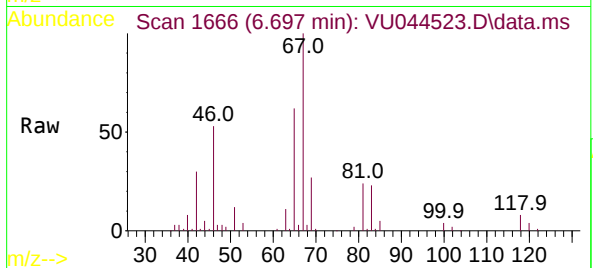




#37  
1,2-Dichloropropane  
Concen: 0.530 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU044523.D  
Acq: 24 Aug 2021 15:07

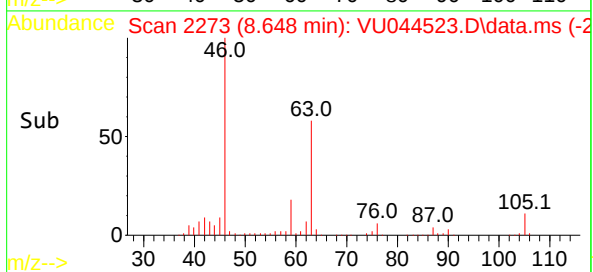
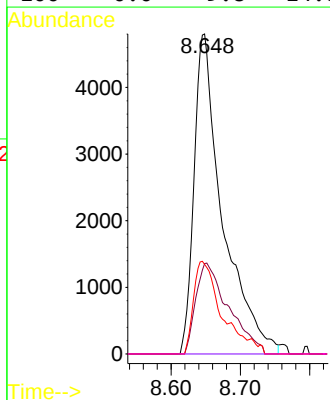
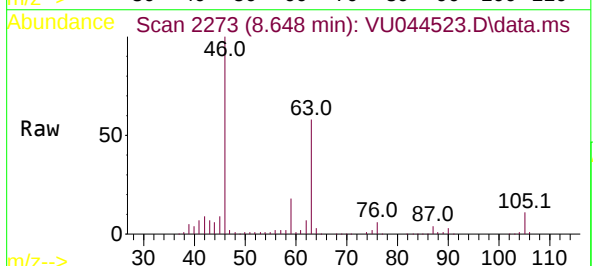
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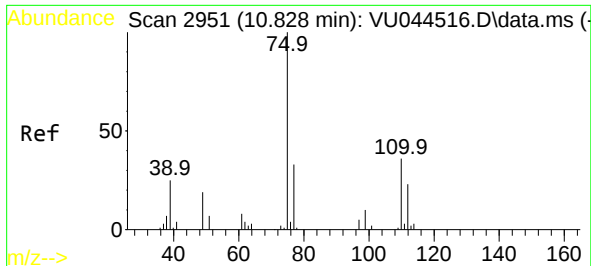
Tgt Ion: 63 Resp: 5246  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#48  
2-Hexanone  
Concen: 2.866 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.045 min  
Lab File: VU044523.D  
Acq: 24 Aug 2021 15:07

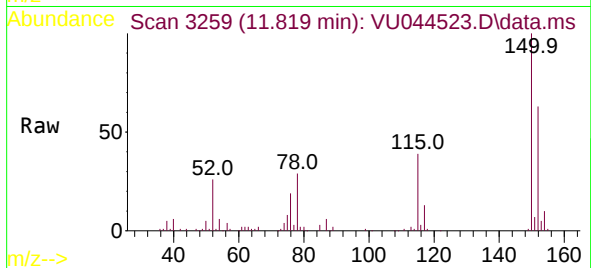
Tgt Ion: 43 Resp: 13731  
Ion Ratio Lower Upper  
43 100  
58 32.6 46.5 69.7#  
57 29.1 15.8 23.8#  
100 0.0 9.8 14.8#





#61  
1,2,3-Trichloropropane  
Concen: 1.079 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.990 min  
Lab File: VU044523.D  
Acq: 24 Aug 2021 15:07

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001



Tgt Ion: 75 Resp: 6713  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.4 42.6#  
77 33.5 26.5 39.7

