

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051190.D  
 Acq On : 06 Oct 2022 22:52  
 Operator : JC/MD  
 Sample : N4893-18  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J51

Quant Time: Oct 07 06:28:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 02:51:40 2022  
 Response via : Initial Calibration

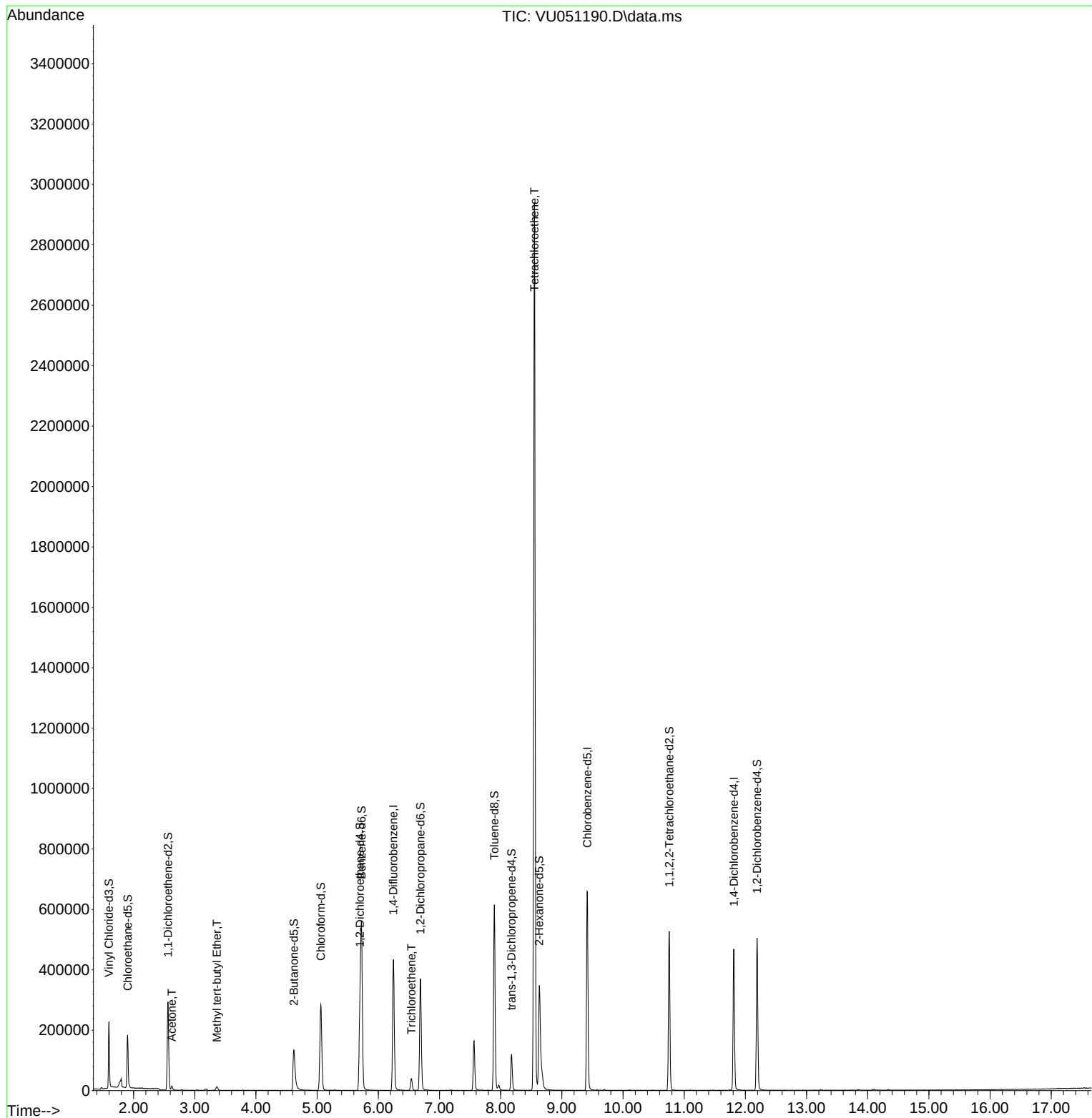
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 347725   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 366115   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 122465   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 151955   | 43.120  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 86.240%  |          |
| 7) Chloroethane-d5            | 1.903   | 69             | 136280   | 41.631  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 83.260%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63             | 174263   | 33.477  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 66.960%  |          |
| 21) 2-Butanone-d5             | 4.620   | 46             | 190108   | 83.176  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 83.180%  |          |
| 24) Chloroform-d              | 5.060   | 84             | 270703   | 47.679  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 95.360%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65             | 173866   | 49.475  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 98.940%  |          |
| 32) Benzene-d6                | 5.726   | 84             | 523359   | 48.815  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 97.640%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 178900   | 51.424  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 102.840% |          |
| 41) Toluene-d8                | 7.896   | 98             | 414350   | 41.830  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 83.660%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 66951    | 40.348  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 80.700%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 98613    | 70.200  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 70.200%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84             | 269179   | 44.272  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 88.540%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 133771   | 51.132  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 102.260% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 13) Acetone                   | 2.626   | 43             | 14580    | 7.988   | ug/L     | 96       |
| 18) Methyl tert-butyl Ether   | 3.363   | 73             | 10999    | 1.372   | ug/L #   | 88       |
| 34) Trichloroethene           | 6.539   | 95             | 12835    | 4.440   | ug/L     | 93       |
| 46) Tetrachloroethene         | 8.552   | 164            | 632666   | 288.773 | ug/L     | 98       |
| -----                         |         |                |          |         |          |          |

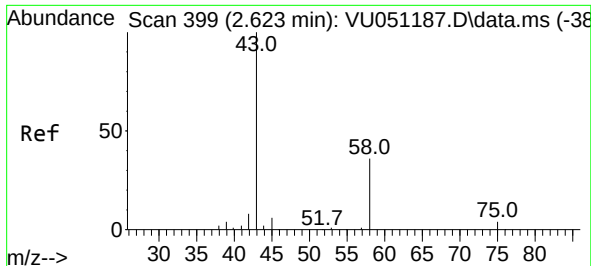
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.988 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051190.D

Acq: 06 Oct 2022 22:52

Instrument :

MSVOA\_U

ClientSampleId :

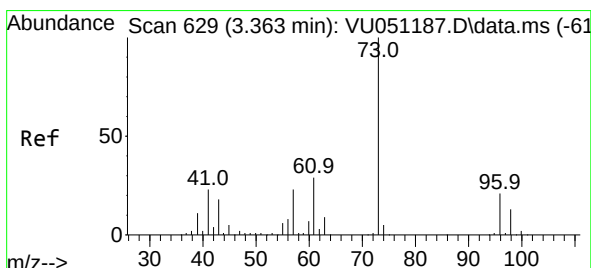
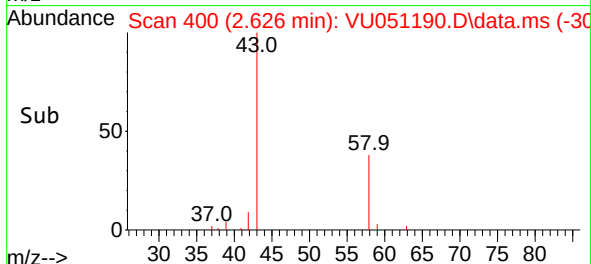
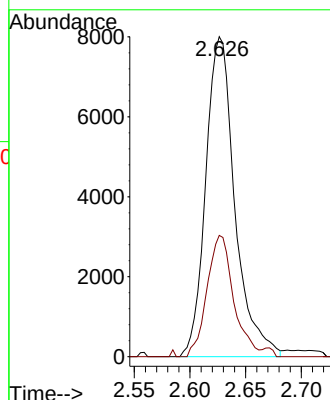
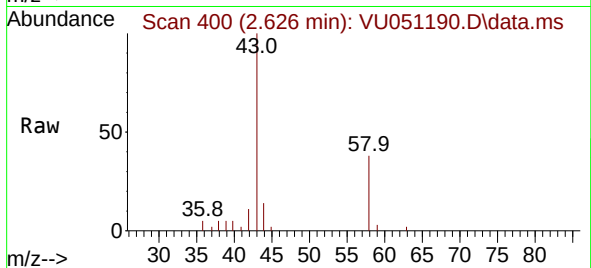
F5J51

Tgt Ion: 43 Resp: 14580

Ion Ratio Lower Upper

43 100

58 34.4 0.0 73.6



#18

Methyl tert-butyl Ether

Concen: 1.372 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

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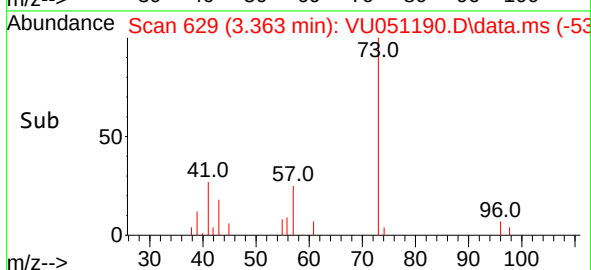
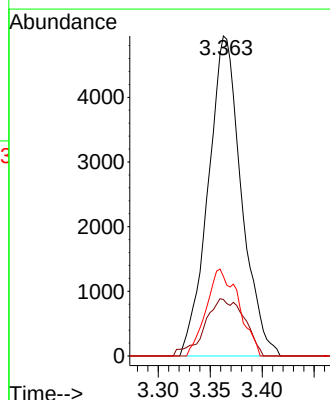
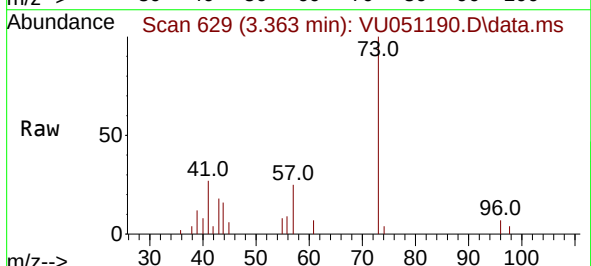
Tgt Ion: 73 Resp: 10999

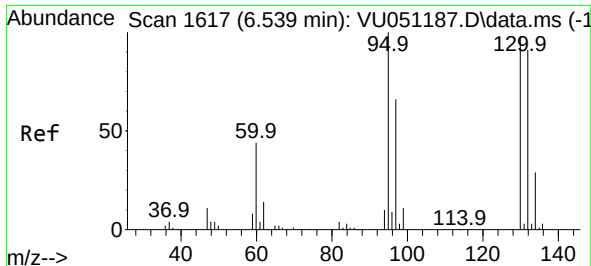
Ion Ratio Lower Upper

73 100

43 10.5 14.7 22.1#

57 18.4 17.5 26.3

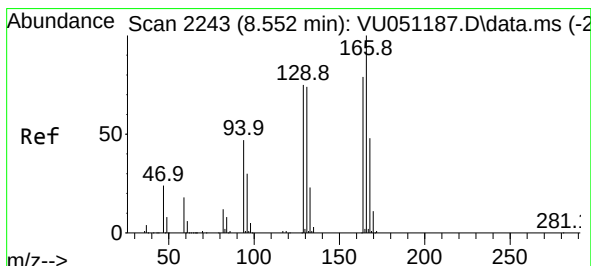
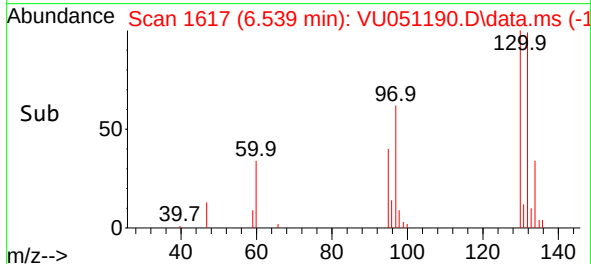
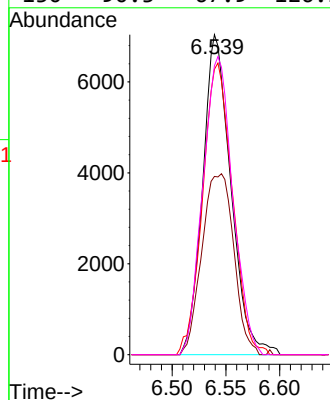
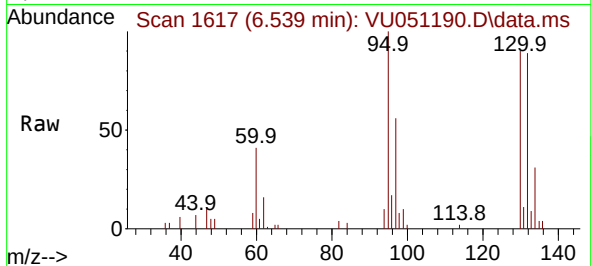




#34  
Trichloroethene  
Concen: 4.440 ug/L  
RT: 6.539 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU051190.D  
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Instrument :  
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Tgt Ion: 95 Resp: 12835  
Ion Ratio Lower Upper  
95 100  
97 55.7 45.9 85.3  
132 89.2 64.0 119.0  
130 90.3 67.9 126.1



#46  
Tetrachloroethene  
Concen: 288.773 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: VU051190.D  
Acq: 06 Oct 2022 22:52

Tgt Ion: 164 Resp: 632666  
Ion Ratio Lower Upper  
164 100  
129 98.5 68.1 126.5  
131 94.3 67.8 126.0  
166 126.2 90.5 168.1

