

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111023\  
 Data File : VU056191.D  
 Acq On : 10 Nov 2023 23:49  
 Operator : MD/SY  
 Sample : 05339-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 11 01:44:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 11 00:40:59 2023  
 Response via : Initial Calibration

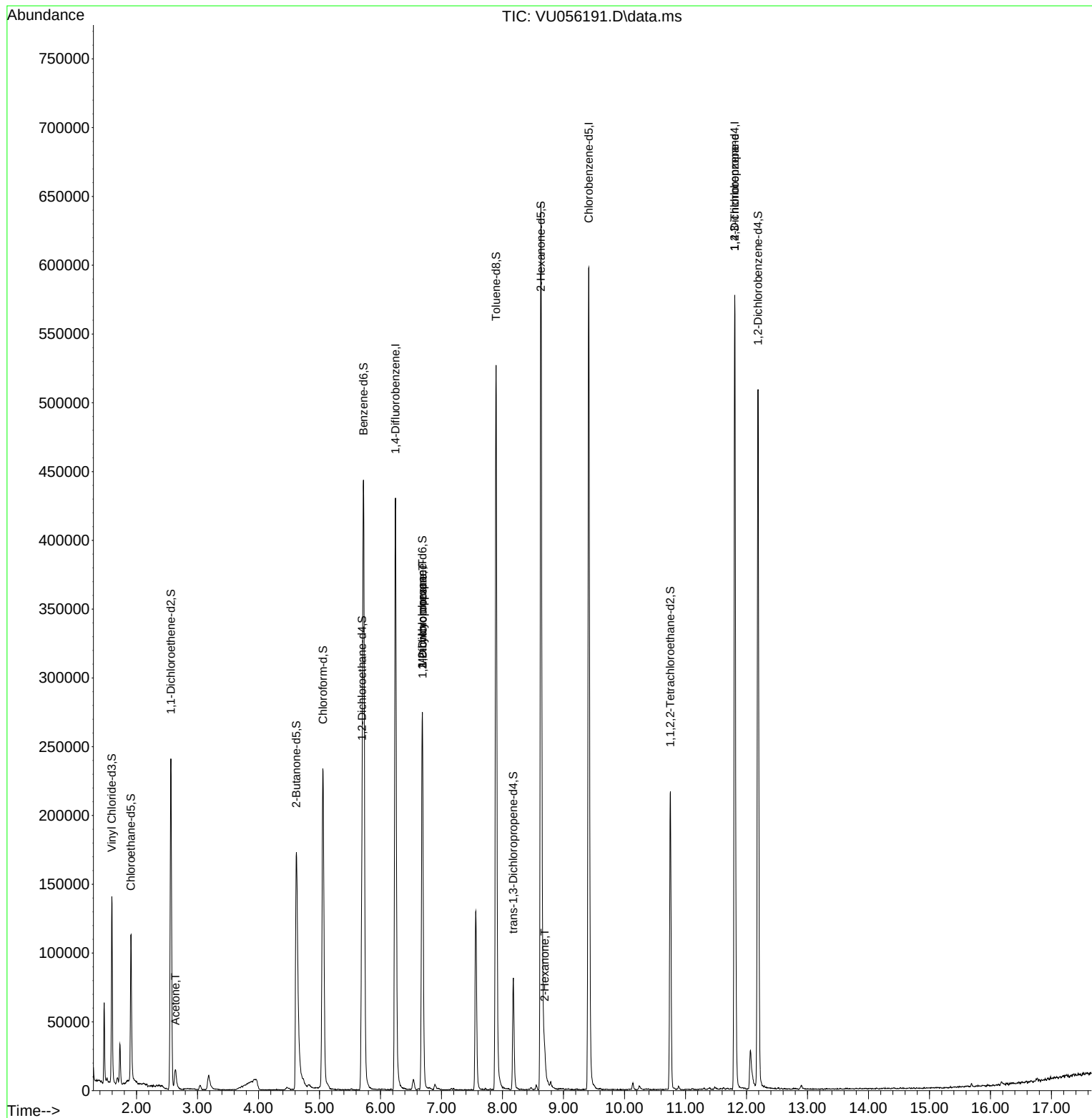
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 366048   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 367748   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 165582   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 98149    | 4.320  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.400%   |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 79316    | 5.144  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 45154    | 4.511  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.200%   |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 277930   | 74.563 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 149.120%# |          |
| 24) Chloroform-d              | 5.055  | 84             | 227193   | 5.253  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 105.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 110738   | 5.815  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 116.200%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 451105   | 5.107  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 142199   | 5.469  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 109.400%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 379508   | 4.689  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.800%   |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 48918    | 4.922  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 98.400%   |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 226973   | 69.680 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 139.360%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 110577   | 5.959  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 119.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 143148   | 5.606  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 112.200%  |          |
| Target Compounds              |        |                |          |        |           |          |
| 13) Acetone                   | 2.637  | 43             | 20377    | 7.413  | ug/L      | 95       |
| 35) Methylcyclohexane         | 6.685  | 83             | 33640    | 0.787  | ug/L #    | 19       |
| 37) 1,2-Dichloropropane       | 6.689  | 63             | 14357    | 0.524  | ug/L #    | 88       |
| 48) 2-Hexanone                | 8.692  | 43             | 15644    | 1.794  | ug/L #    | 85       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 18802    | 1.315  | ug/L #    | 68       |

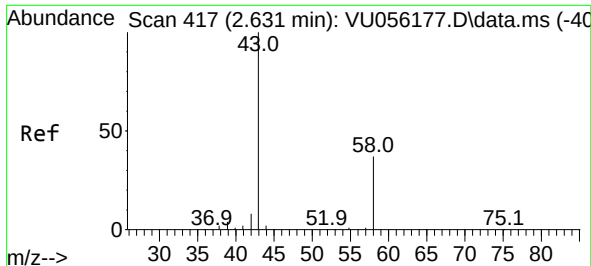
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.413 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056191.D

Acq: 10 Nov 2023 23:49

Instrument :

MSVOA\_U

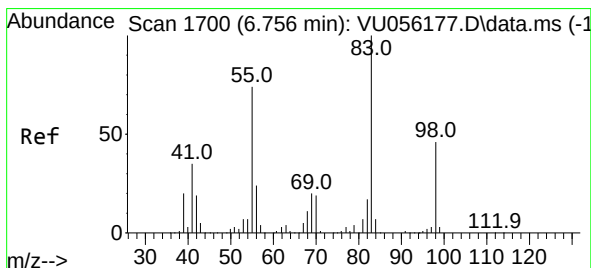
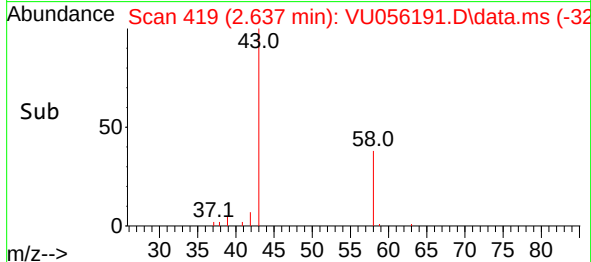
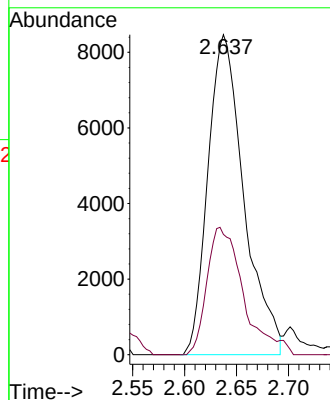
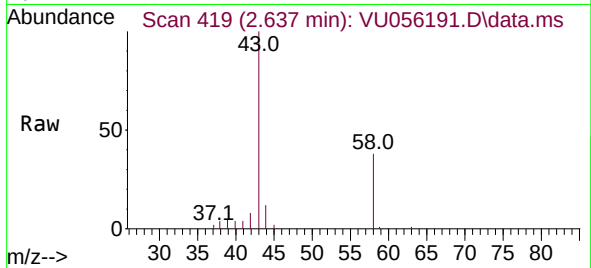
ClientSampleId :

Tgt Ion: 43 Resp: 20377

Ion Ratio Lower Upper

43 100

58 40.3 0.0 74.4



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU056191.D

Acq: 10 Nov 2023 23:49

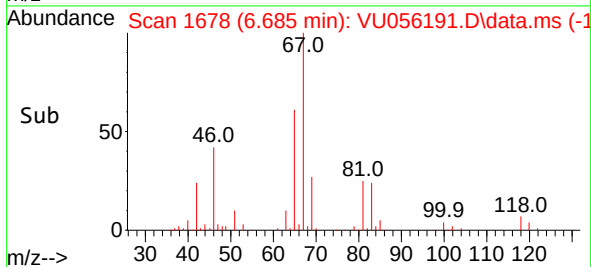
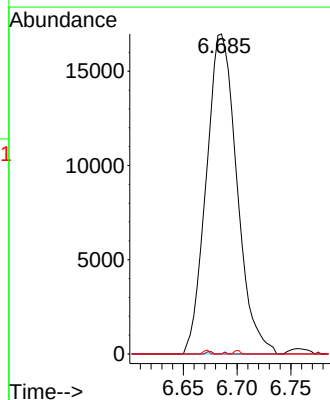
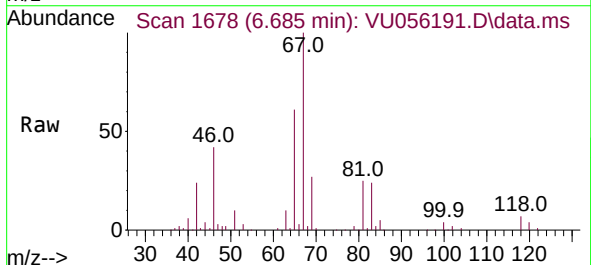
Tgt Ion: 83 Resp: 33640

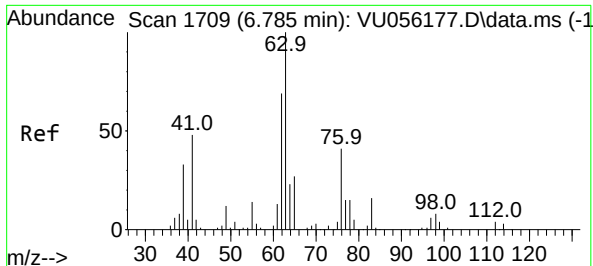
Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.2 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.524 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU056191.D

Acq: 10 Nov 2023 23:49

Instrument :

MSVOA\_U

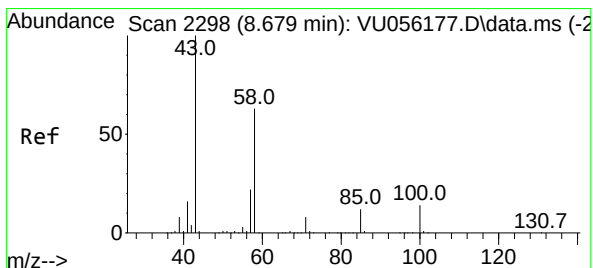
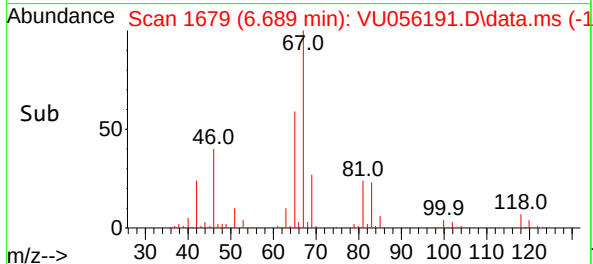
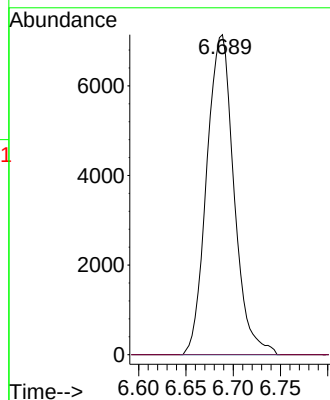
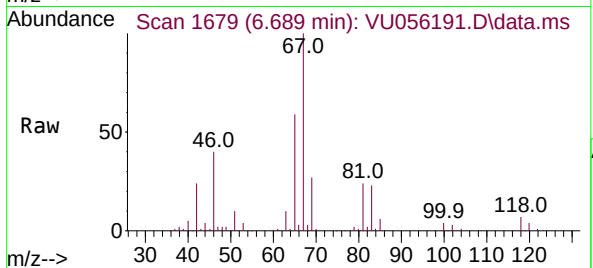
ClientSampleId :

Tgt Ion: 63 Resp: 14357

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#48

2-Hexanone

Concen: 1.794 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056191.D

Acq: 10 Nov 2023 23:49

Tgt Ion: 43 Resp: 15644

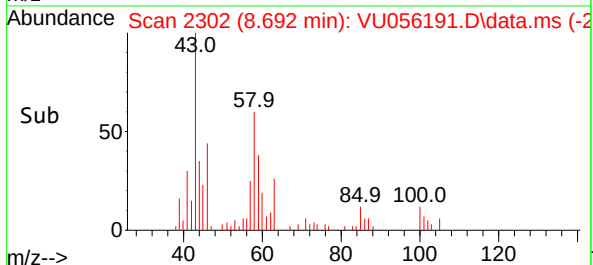
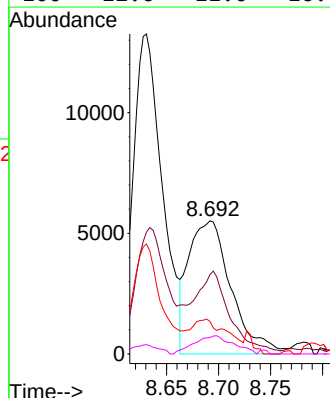
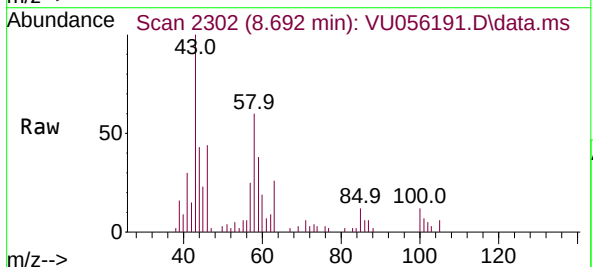
Ion Ratio Lower Upper

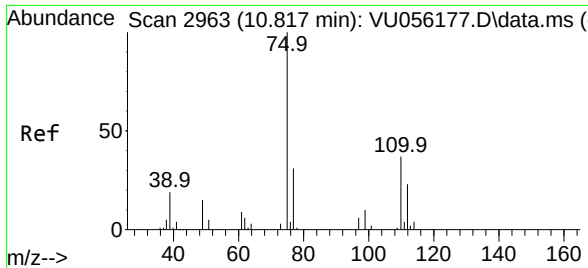
43 100

58 47.3 52.0 78.0#

57 21.6 17.4 26.2

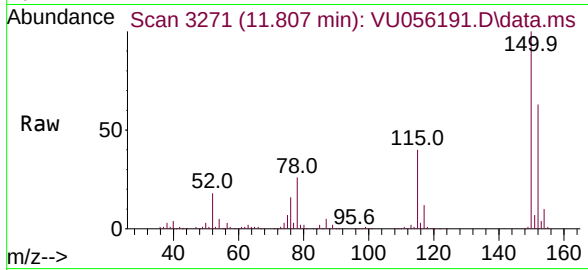
100 12.6 11.0 16.6





#61  
 1,2,3-Trichloropropane  
 Concen: 1.315 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU056191.D  
 Acq: 10 Nov 2023 23:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 18802 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.5   | 29.7  | 44.5# |
| 77       | 32.4  | 25.5  | 38.3  |

