

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122822\  
 Data File : VU052582.D  
 Acq On : 28 Dec 2022 12:43  
 Operator : JC/MD  
 Sample : VU1228WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK167

Quant Time: Dec 29 00:25:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 29 00:24:48 2022  
 Response via : Initial Calibration

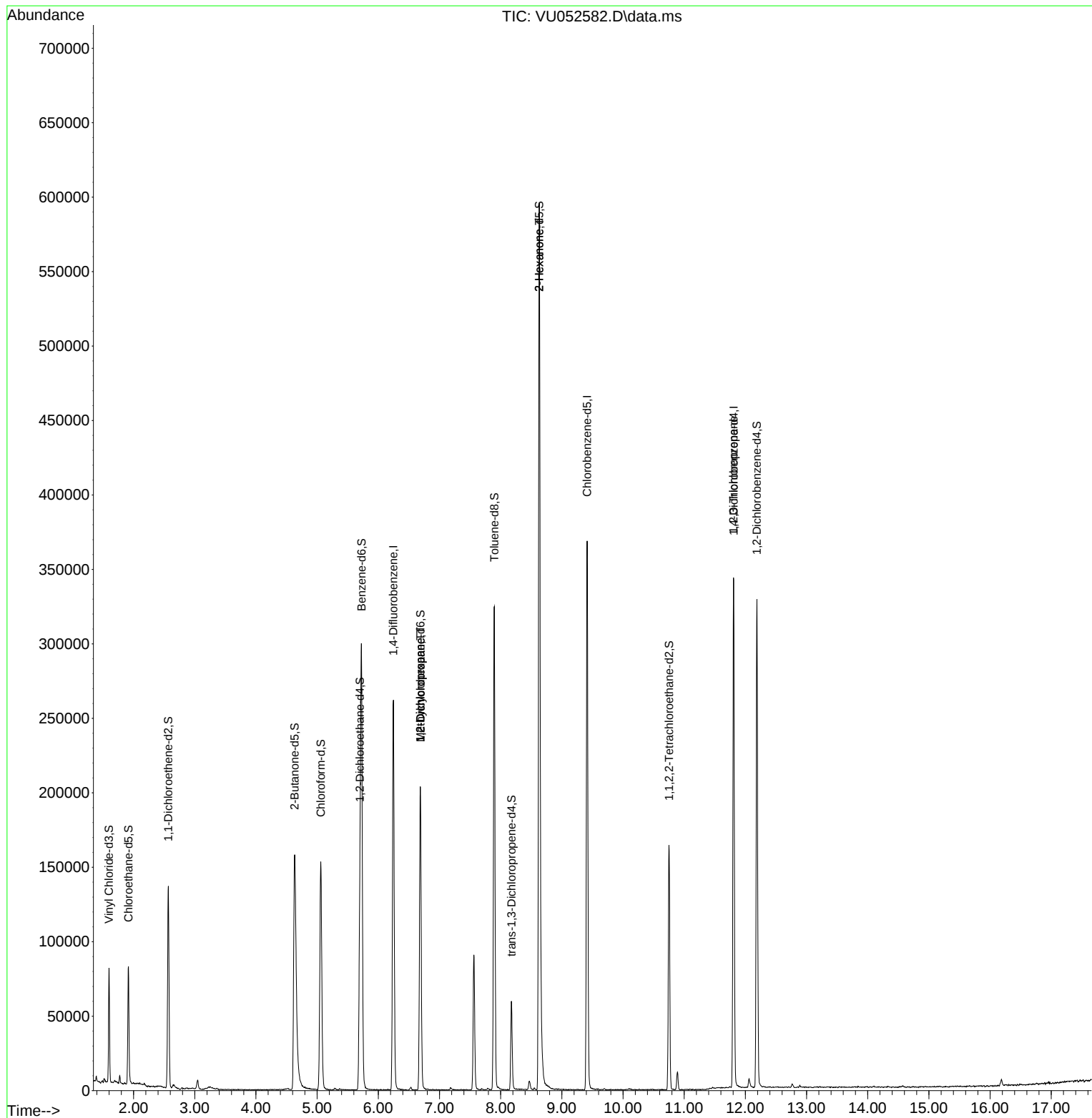
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 198985   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 191570   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 85326    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 54361    | 2.697  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 54.000% |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 60307    | 3.469  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 69.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 26536    | 3.059  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 61.200% |          |
| 20) 2-Butanone-d5             | 4.633  | 46             | 299602   | 47.925 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 95.860% |          |
| 24) Chloroform-d              | 5.060  | 84             | 139014   | 4.087  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 82150    | 4.164  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.200% |          |
| 32) Benzene-d6                | 5.726  | 84             | 272916   | 4.155  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 99650    | 4.407  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.200% |          |
| 41) Toluene-d8                | 7.896  | 98             | 206663   | 3.748  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 75.000% |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 33094    | 4.275  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.400% |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 203904   | 48.140 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.280% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 83777    | 4.364  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 83031    | 4.780  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.600% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         | Qvalue   |
| 35) Methylcyclohexane         | 6.687  | 83             | 21564    | 0.887  | ug/L #  | 14       |
| 37) 1,2-Dichloropropane       | 6.687  | 63             | 10186    | 0.529  | ug/L #  | 88       |
| 48) 2-Hexanone                | 8.629  | 43             | 25514    | 2.406  | ug/L #  | 78       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75             | 12116    | 0.990  | ug/L #  | 69       |
| -----                         |        |                |          |        |         |          |

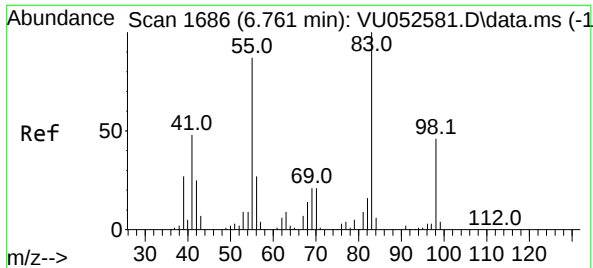
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122822\  
Data File : VU052582.D  
Acq On : 28 Dec 2022 12:43  
Operator : JC/MD  
Sample : VU1228WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK167

Quant Time: Dec 29 00:25:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 29 00:24:48 2022  
Response via : Initial Calibration

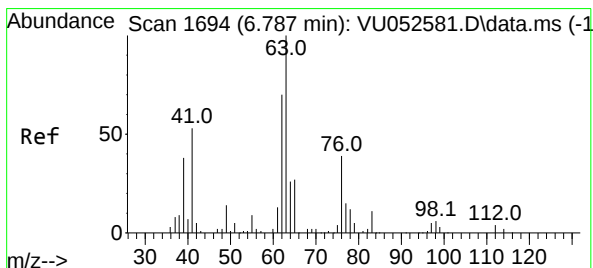
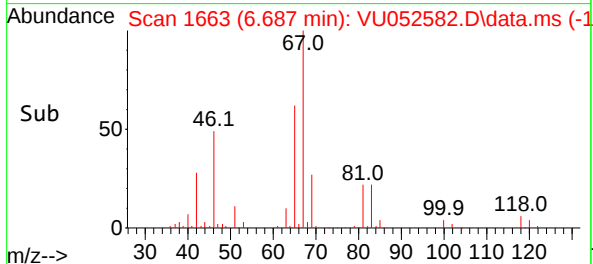
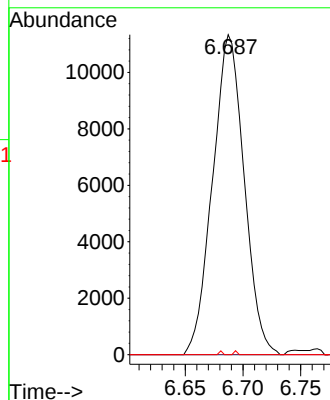
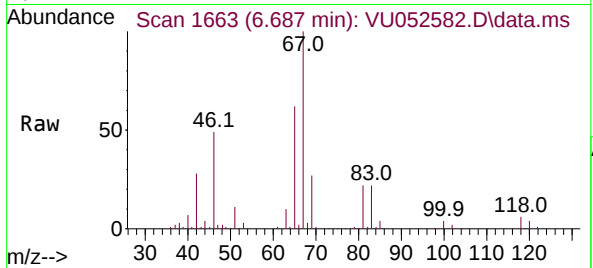




#35  
Methylcyclohexane  
Concen: 0.887 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU052582.D  
Acq: 28 Dec 2022 12:43

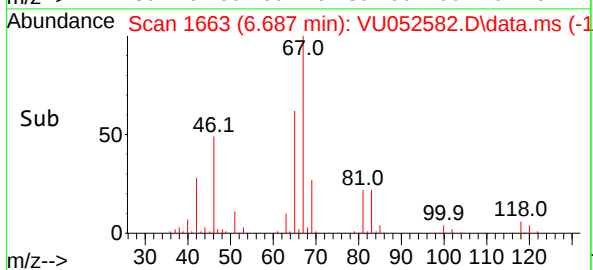
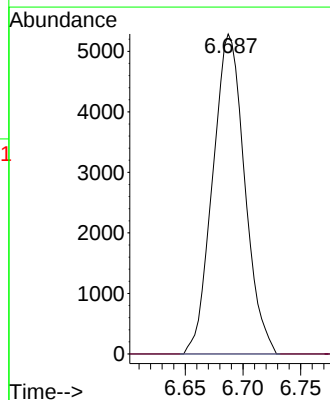
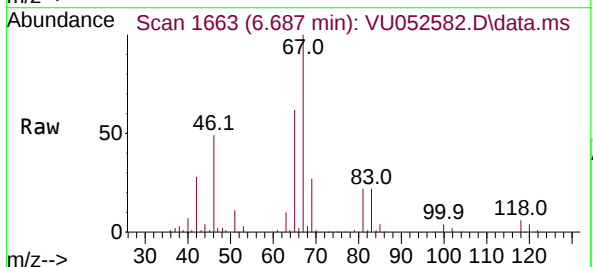
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK167

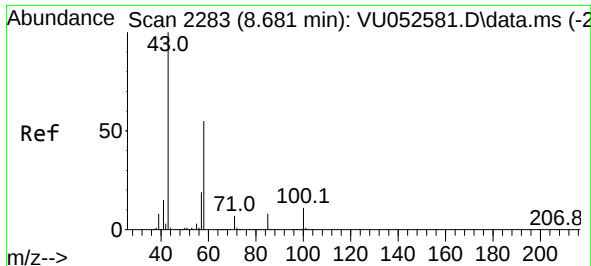
Tgt Ion: 83 Resp: 21564  
Ion Ratio Lower Upper  
83 100  
55 0.0 71.4 107.0#  
98 0.1 36.5 54.7#



#37  
1,2-Dichloropropane  
Concen: 0.529 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.100 min  
Lab File: VU052582.D  
Acq: 28 Dec 2022 12:43

Tgt Ion: 63 Resp: 10186  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#

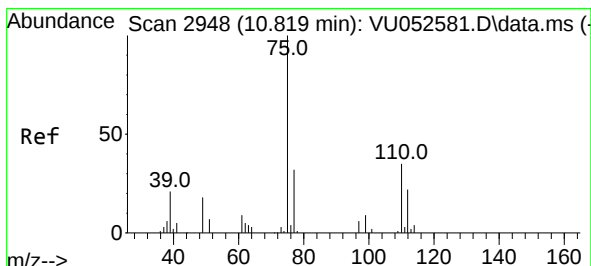
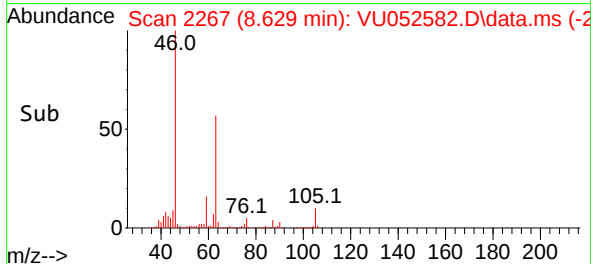
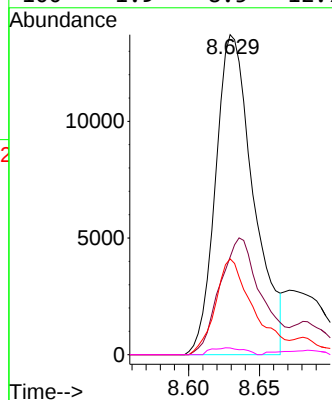
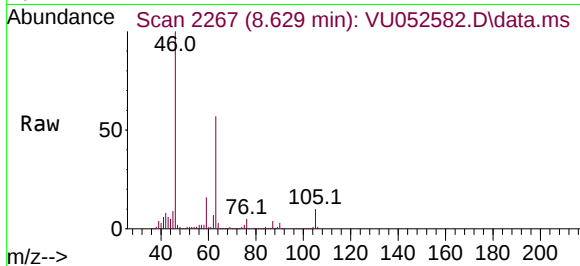




#48  
2-Hexanone  
Concen: 2.406 ug/L  
RT: 8.629 min Scan# 21  
Delta R.T. -0.051 min  
Lab File: VU052582.D  
Acq: 28 Dec 2022 12:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK167

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 25514 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 41.0     | 44.1 66.1#  |
| 57 30.2     | 14.6 21.8#  |
| 100 1.9     | 8.5 12.7#   |



#61  
1,2,3-Trichloropropane  
Concen: 0.990 ug/L  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.987 min  
Lab File: VU052582.D  
Acq: 28 Dec 2022 12:43

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 12116 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 1.8     | 27.9 41.9#  |
| 77 30.6     | 25.9 38.9   |

