

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102622\  
 Data File : VU051511.D  
 Acq On : 26 Oct 2022 19:00  
 Operator : JC/MD  
 Sample : N5270-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

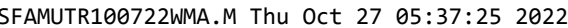
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHA70

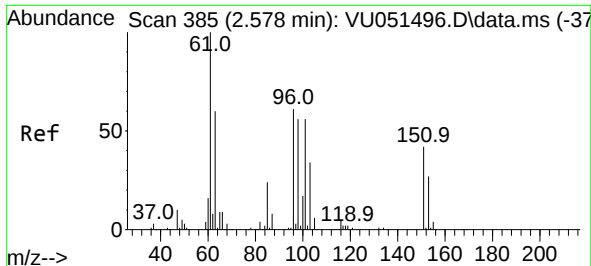
Quant Time: Oct 27 05:37:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 27 05:28:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 227008   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 240635   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 91997    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 62683    | 3.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 68.400%  |
| 7) Chloroethane-d5            | 1.909  | 69    | 63436    | 4.032    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 25926    | 3.582    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.600%  |
| 20) 2-Butanone-d5             | 4.620  | 46    | 214556   | 53.219   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.440% |
| 24) Chloroform-d              | 5.060  | 84    | 141644   | 4.149    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 79142    | 4.495    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 32) Benzene-d6                | 5.726  | 84    | 269570   | 4.072    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 96889    | 4.310    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%  |
| 41) Toluene-d8                | 7.896  | 98    | 206476   | 3.486    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.800%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 27385    | 3.708    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 144986   | 58.242   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 116.480% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 89926    | 5.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 76224    | 4.767    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562  | 101   | 783      | 0.044    | ug/L # | 21       |
| 35) Methylcyclohexane         | 6.690  | 83    | 22098    | 0.874    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 9947     | 0.452    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 11141    | 0.959    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

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

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QLast Update : Thu Oct 27 05:28:43 2022  
Response via : Initial Calibration

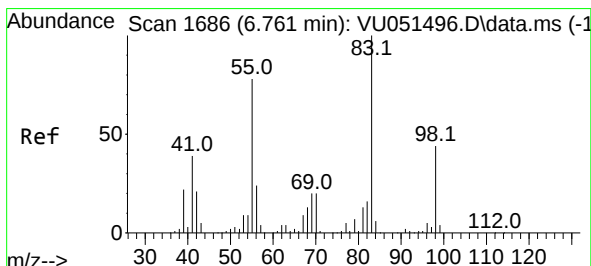
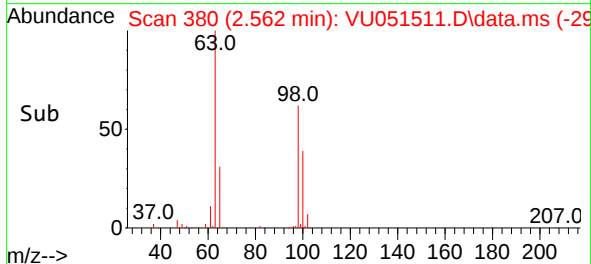
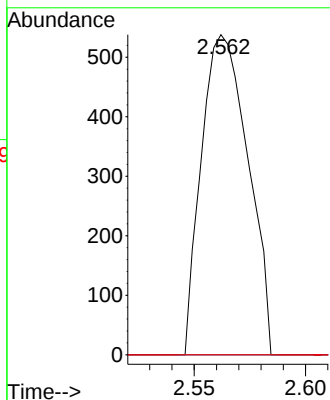
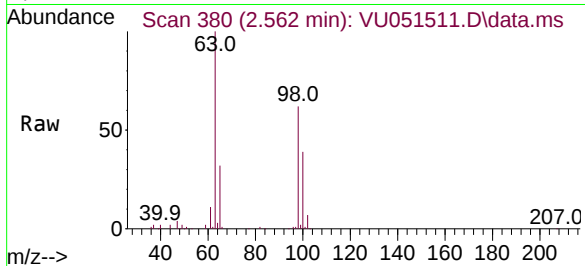




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.044 ug/L  
 RT: 2.562 min Scan# 31  
 Delta R.T. -0.016 min  
 Lab File: VU051511.D  
 Acq: 26 Oct 2022 19:00

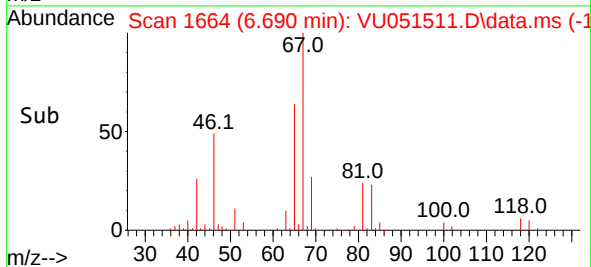
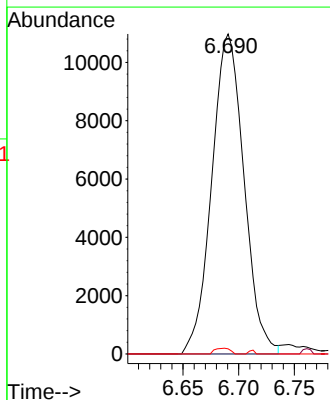
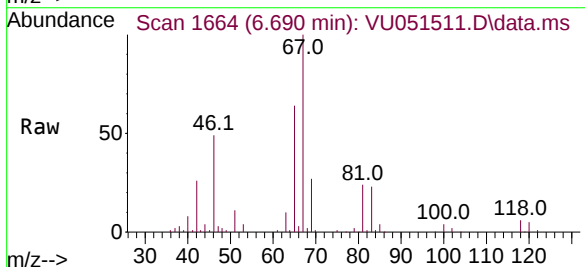
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHA70

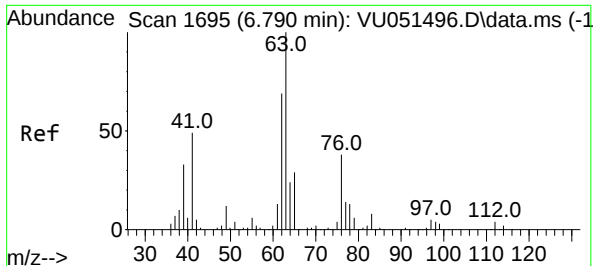
Tgt Ion:101 Resp: 783  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 56.5 84.7#



#35  
 Methylcyclohexane  
 Concen: 0.874 ug/L  
 RT: 6.690 min Scan# 1664  
 Delta R.T. -0.071 min  
 Lab File: VU051511.D  
 Acq: 26 Oct 2022 19:00

Tgt Ion: 83 Resp: 22098  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 65.8 98.6#  
 98 0.9 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.452 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051511.D

Acq: 26 Oct 2022 19:00

Instrument :

MSVOA\_U

ClientSampleId :

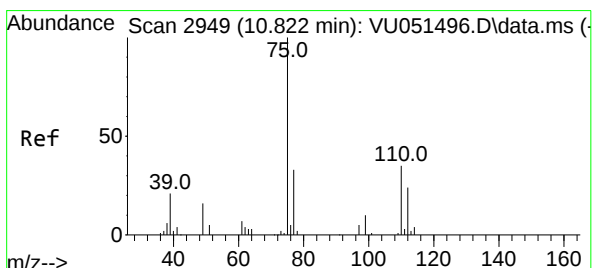
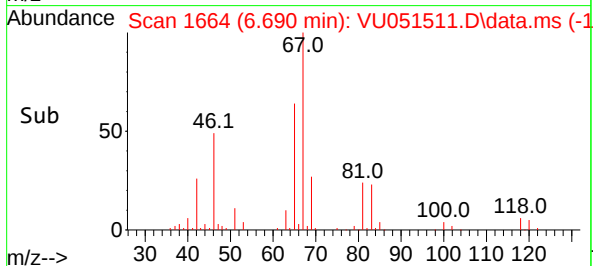
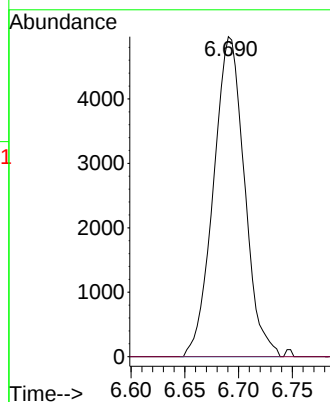
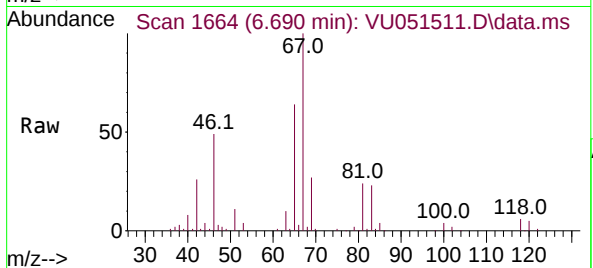
BHA70

Tgt Ion: 63 Resp: 9947

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.959 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051511.D

Acq: 26 Oct 2022 19:00

Tgt Ion: 75 Resp: 11141

Ion Ratio Lower Upper

75 100

110 1.4 27.0 40.6#

77 32.0 26.4 39.6

