

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020623\  
 Data File : VU052975.D  
 Acq On : 06 Feb 2023 13:04  
 Operator : JC/MD  
 Sample : 01444-04DL 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM08DL

Quant Time: Feb 07 01:05:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sun Feb 05 21:58:05 2023  
 Response via : Initial Calibration

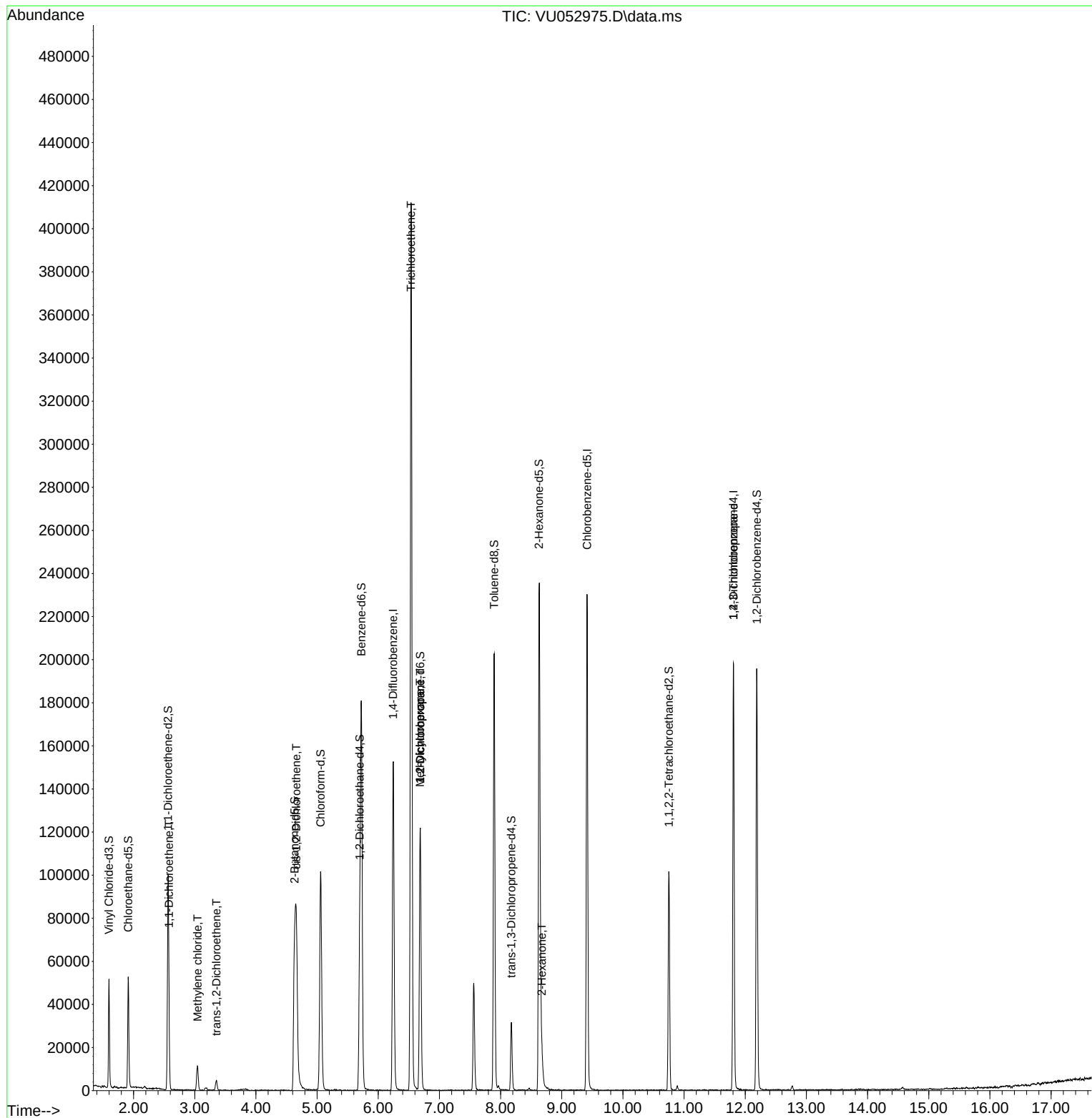
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114   | 131194   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 135880   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 57023    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 36361    | 3.155    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 63.000%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 39179    | 4.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 18316    | 3.608    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.200%  |
| 20) 2-Butanone-d5             | 4.633  | 46    | 114561   | 37.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 74.340%  |
| 24) Chloroform-d              | 5.057  | 84    | 99310    | 4.619    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 50632    | 4.586    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.800%  |
| 32) Benzene-d6                | 5.723  | 84    | 181562   | 4.123    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 59925    | 4.083    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.600%  |
| 41) Toluene-d8                | 7.896  | 98    | 142863   | 3.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.600%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 19395    | 3.554    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 71.000%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 76159    | 33.592   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 67.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 50919    | 4.531    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 54875    | 5.286    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 3116     | 0.274    | ug/L # | 1        |
| 16) Methylene chloride        | 3.044  | 84    | 5905     | 0.390    | ug/L   | 81       |
| 18) trans-1,2-Dichloroethene  | 3.356  | 96    | 1993     | 0.172    | ug/L   | 79       |
| 22) cis-1,2-Dichloroethene    | 4.661  | 96    | 30470    | 2.446    | ug/L   | 84       |
| 34) Trichloroethene           | 6.536  | 95    | 141226   | 11.101   | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.684  | 83    | 14981    | 0.713    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 5967     | 0.413    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.674  | 43    | 5417     | 0.896    | ug/L # | 38       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 5339     | 0.806    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

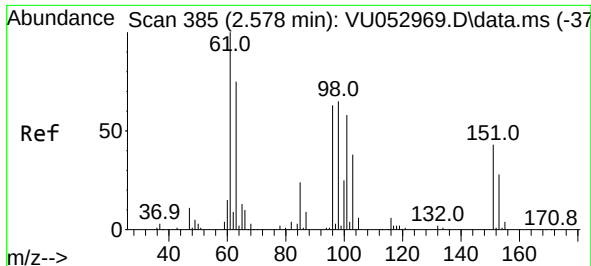
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sun Feb 05 21:58:05 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.274 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052975.D

Acq: 06 Feb 2023 13:04

Instrument :

MSVOA\_U

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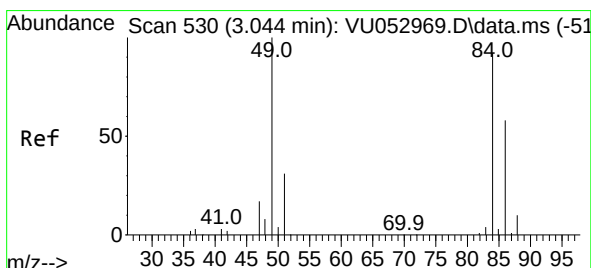
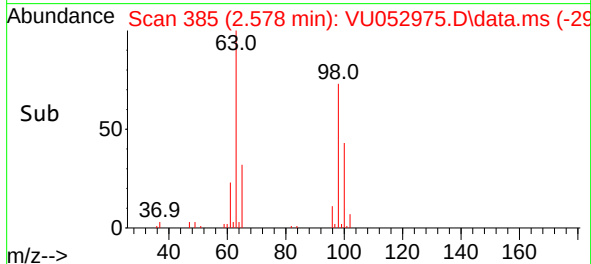
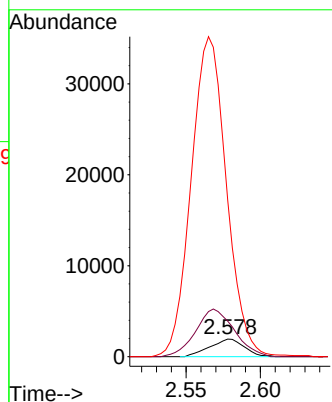
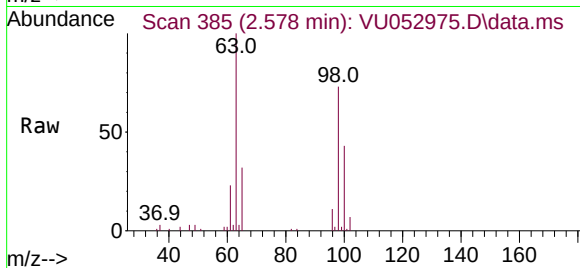
Tgt Ion: 96 Resp: 3116

Ion Ratio Lower Upper

96 100

61 202.6 129.6 240.8

63 892.5 83.7 155.5#



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU052975.D

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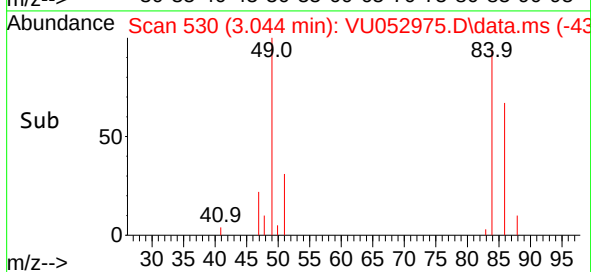
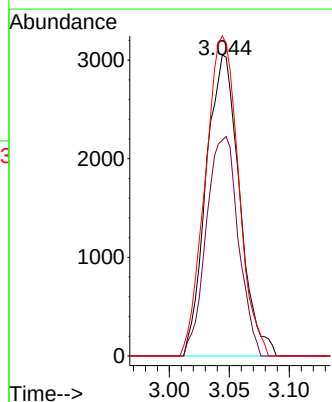
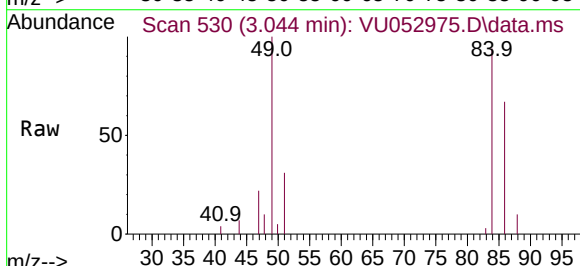
Tgt Ion: 84 Resp: 5905

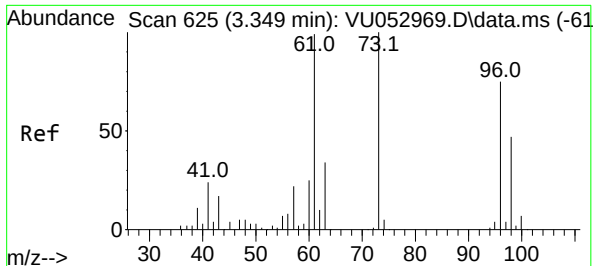
Ion Ratio Lower Upper

84 100

86 71.7 45.6 84.6

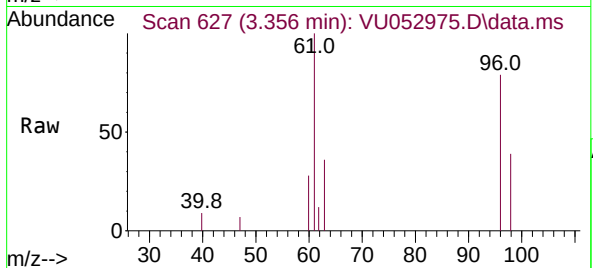
49 106.3 94.8 176.0





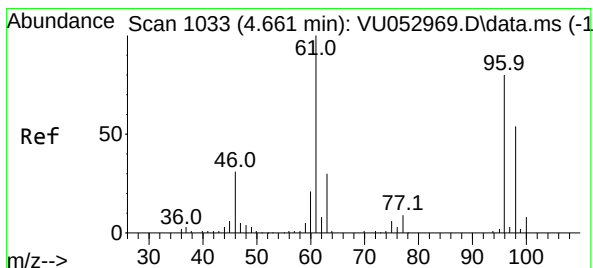
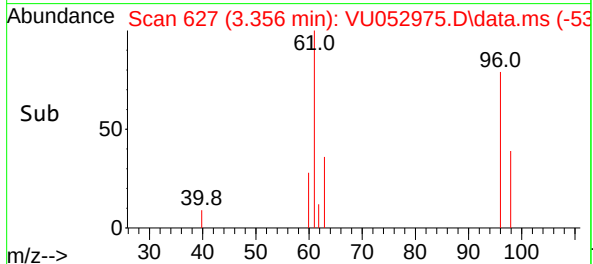
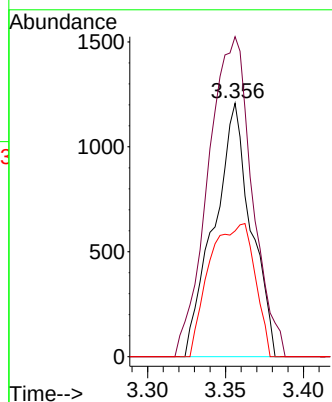
#18  
trans-1,2-Dichloroethene  
Concen: 0.172 ug/L  
RT: 3.356 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

Instrument :  
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Tgt Ion: 96 Resp: 1993

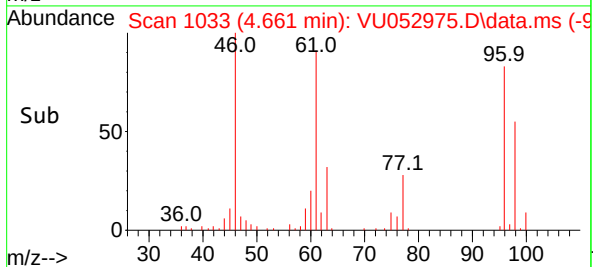
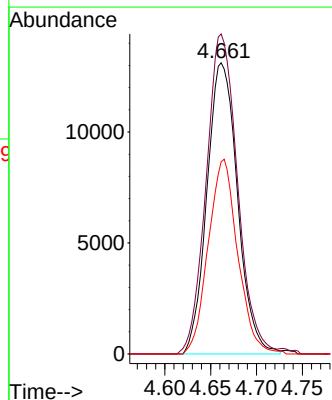
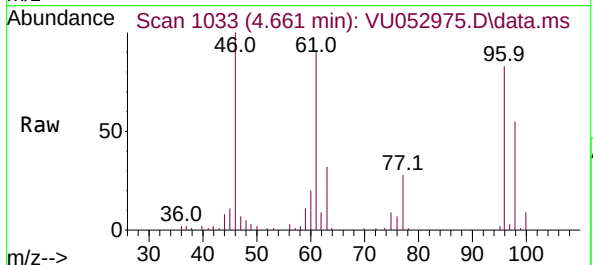
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.2 | 108.4 | 201.4 |
| 98  | 49.6  | 43.8  | 81.4  |

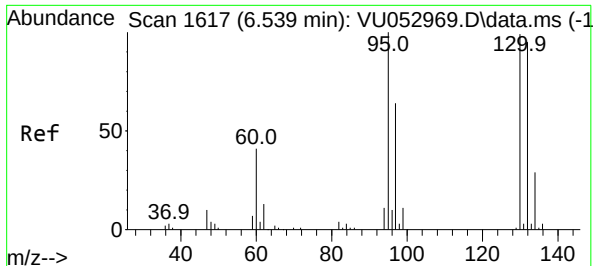


#22  
cis-1,2-Dichloroethene  
Concen: 2.446 ug/L  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

Tgt Ion: 96 Resp: 30470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 109.9 | 94.6  | 175.8 |
| 98  | 66.0  | 43.3  | 80.3  |

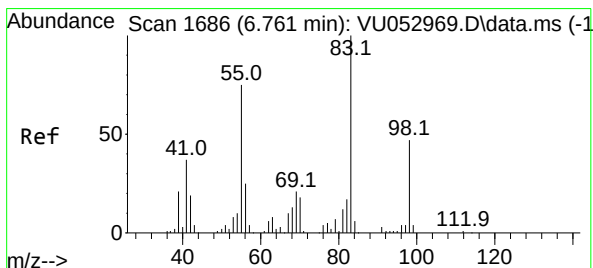
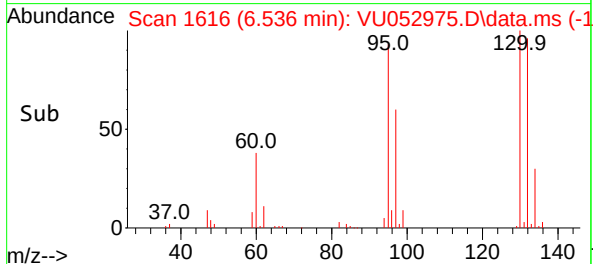
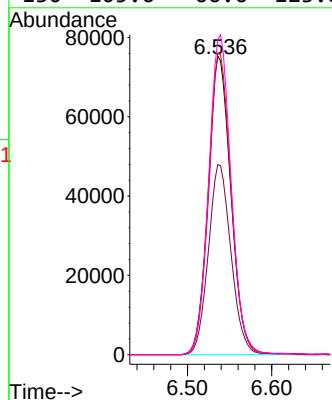
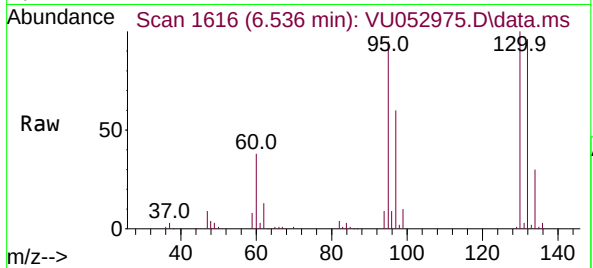




#34  
Trichloroethene  
Concen: 11.101 ug/L  
RT: 6.536 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

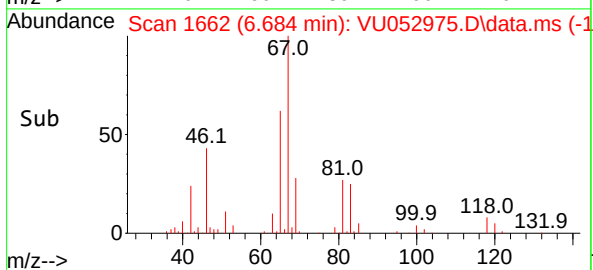
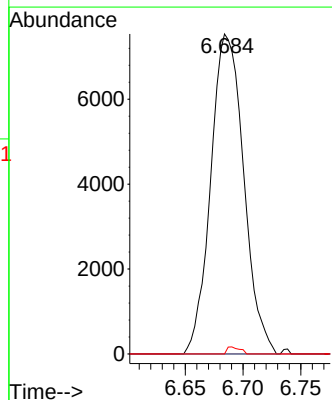
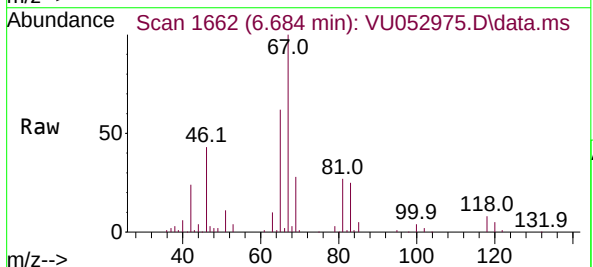
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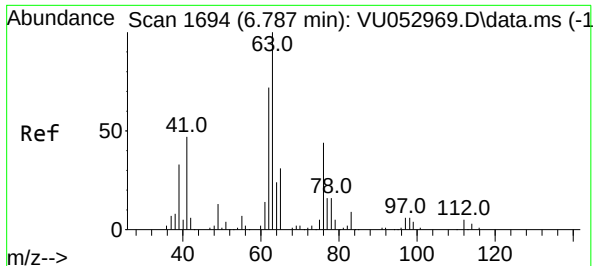
Tgt Ion: 95 Resp: 141226  
Ion Ratio Lower Upper  
95 100  
97 63.7 46.0 85.4  
132 101.0 64.0 118.8  
130 105.6 66.6 123.8



#35  
Methylcyclohexane  
Concen: 0.713 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.074 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

Tgt Ion: 83 Resp: 14981  
Ion Ratio Lower Upper  
83 100  
55 0.0 67.6 101.4#  
98 0.9 37.1 55.7#

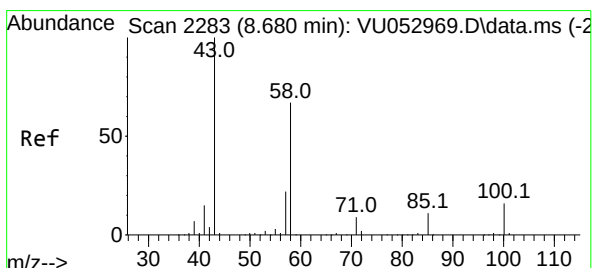
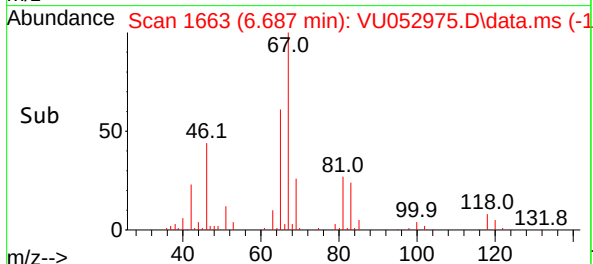
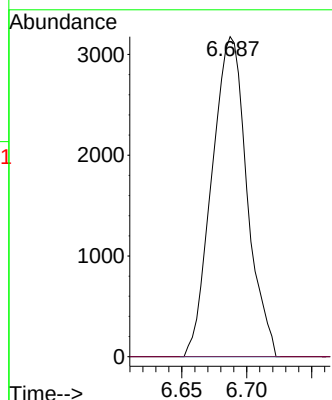
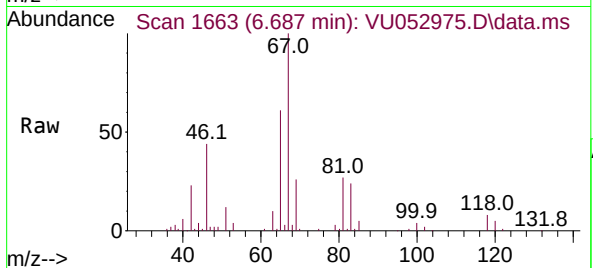




#37  
1,2-Dichloropropane  
Concen: 0.413 ug/L  
RT: 6.687 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

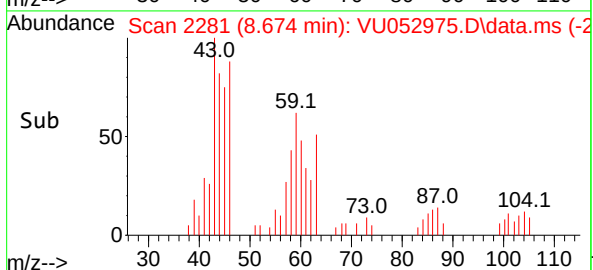
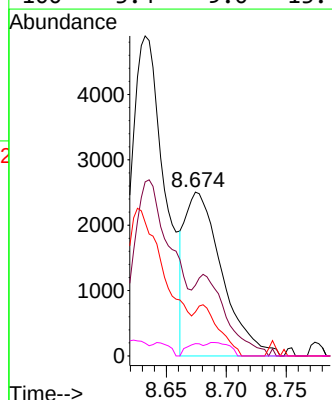
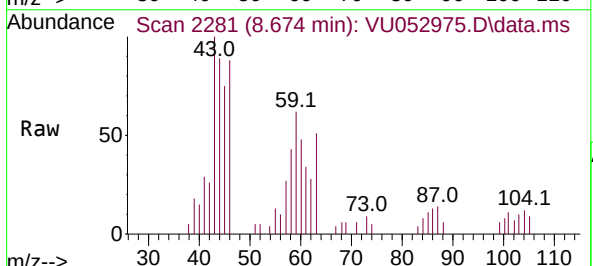
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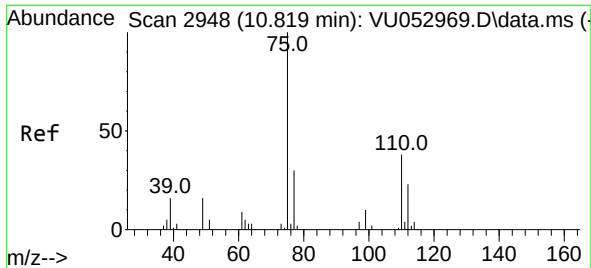
Tgt Ion: 63 Resp: 5967  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.9 4.3#



#48  
2-Hexanone  
Concen: 0.896 ug/L  
RT: 8.674 min Scan# 2281  
Delta R.T. -0.007 min  
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Tgt Ion: 43 Resp: 5417  
Ion Ratio Lower Upper  
43 100  
58 0.0 45.1 67.7#  
57 0.0 15.1 22.7#  
100 3.4 9.0 13.4#





#61  
1,2,3-Trichloropropane  
Concen: 0.806 ug/L  
RT: 11.809 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU052975.D  
Acq: 06 Feb 2023 13:04

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Tgt Ion: 75 Resp: 5339  
Ion Ratio Lower Upper  
75 100  
110 2.8 27.2 40.8#  
77 34.6 24.0 36.0

