

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071824\  
 Data File : VU060051.D  
 Acq On : 19 Jul 2024 11:03  
 Operator : MD/SY  
 Sample : P3237-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 20 00:56:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jul 19 02:49:52 2024  
 Response via : Initial Calibration

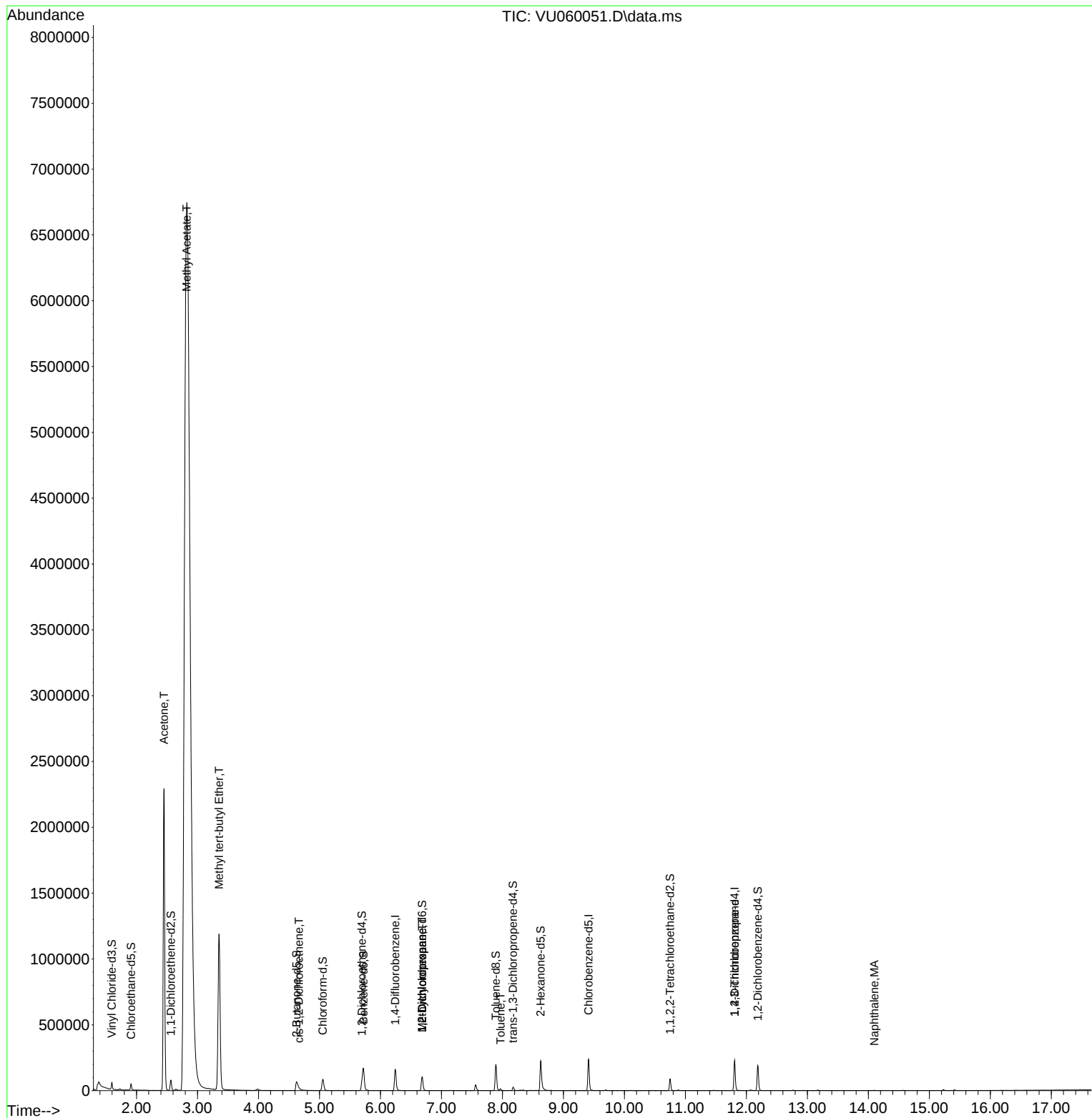
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 147231   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 146638   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 67352    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 35539    | 3.469    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 36919    | 3.879    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 15678    | 3.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 105460   | 44.034   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.060%  |
| 24) Chloroform-d              | 5.055  | 84    | 84451    | 3.923    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 42180    | 4.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 170390   | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 56070    | 4.479    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 142277   | 4.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 16970    | 3.982    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 80182    | 42.400   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 46284    | 4.154    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 57103    | 4.697    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.451  | 43    | 1459656  | 921.355  | ug/L   | 35       |
| 15) Methyl Acetate            | 2.824  | 43    | 5399897  | 1385.837 | ug/L # | 45       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 1427639  | 55.707   | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 1834     | 0.140    | ug/L   | 85       |
| 35) Methylcyclohexane         | 6.685  | 83    | 13033    | 0.774    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 5551     | 0.424    | ug/L # | 88       |
| 42) Toluene                   | 7.968  | 91    | 10004    | 0.194    | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 6809     | 0.959    | ug/L # | 63       |
| 71) Naphthalene               | 14.100 | 128   | 3156     | 0.164    | ug/L # | 88       |
| -----                         |        |       |          |          |        |          |

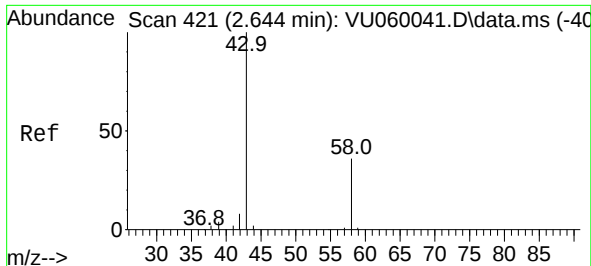
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 02:49:52 2024  
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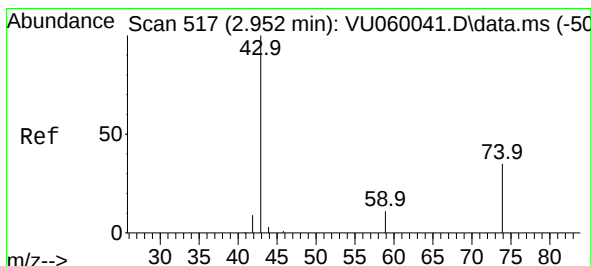
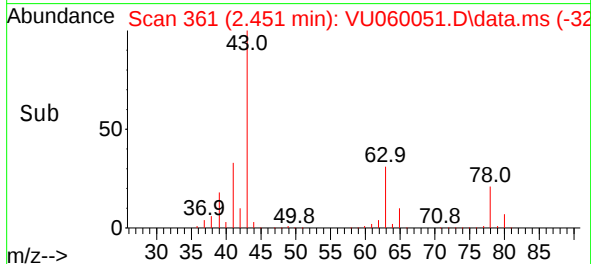
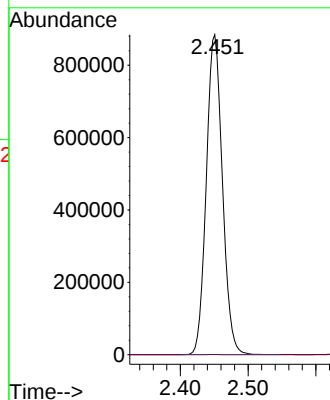
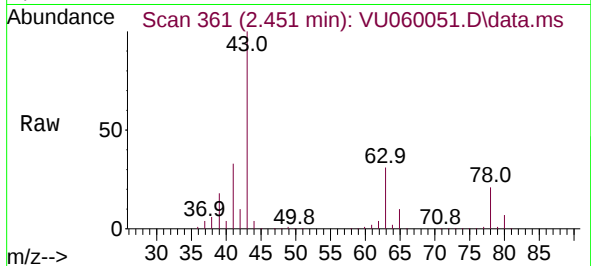




#13  
Acetone  
Concen: 921.355 ug/L  
RT: 2.451 min Scan# 30  
Delta R.T. -0.193 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

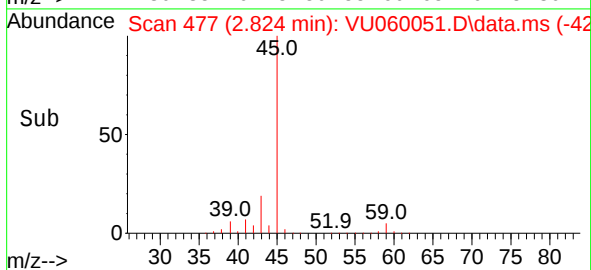
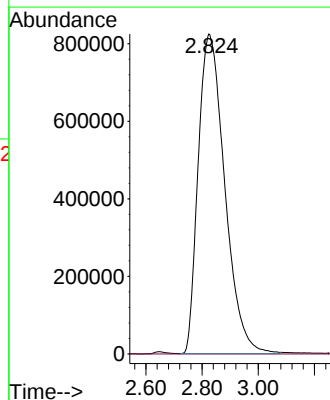
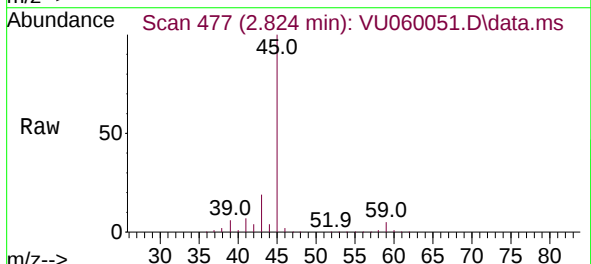
Instrument :  
MSVOA\_U  
ClientSampleId :

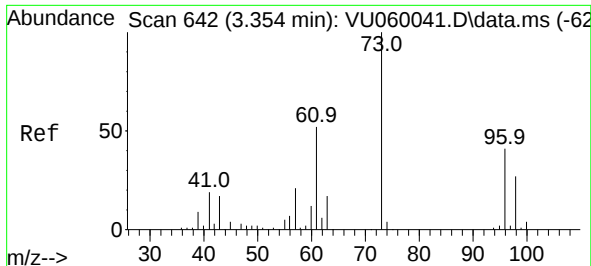
Tgt Ion: 43 Resp: 1459656  
Ion Ratio Lower Upper  
43 100  
58 0.5 0.0 82.2



#15  
Methyl Acetate  
Concen: 1385.837 ug/L  
RT: 2.824 min Scan# 477  
Delta R.T. -0.129 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

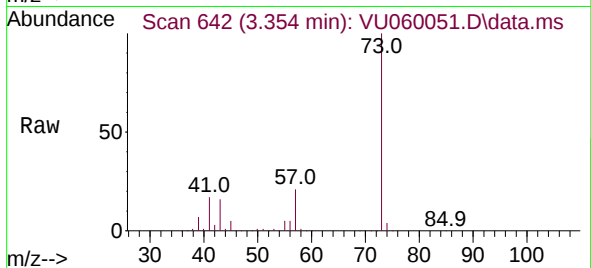
Tgt Ion: 43 Resp: 5399897  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.5 35.3#



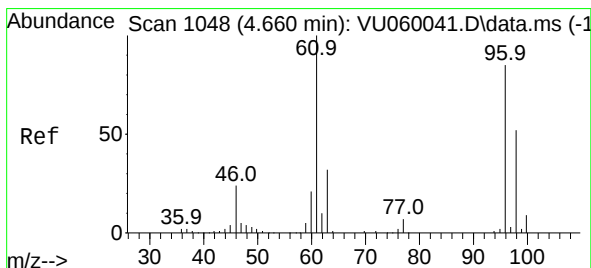
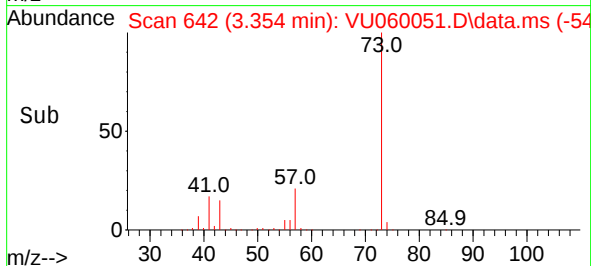
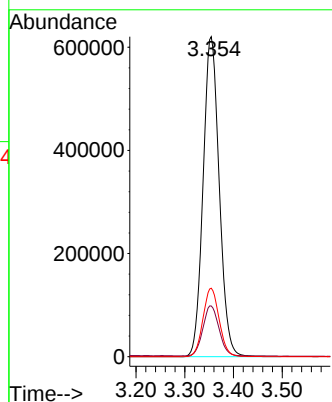


#17  
Methyl tert-butyl Ether  
Concen: 55.707 ug/L  
RT: 3.354 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

Instrument :  
MSVOA\_U  
ClientSampleId :

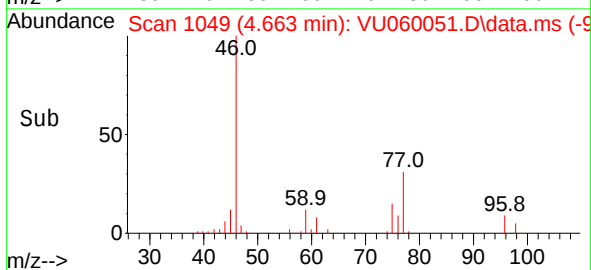
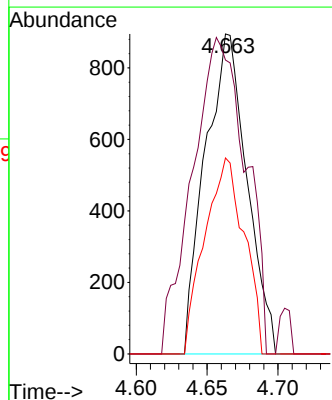
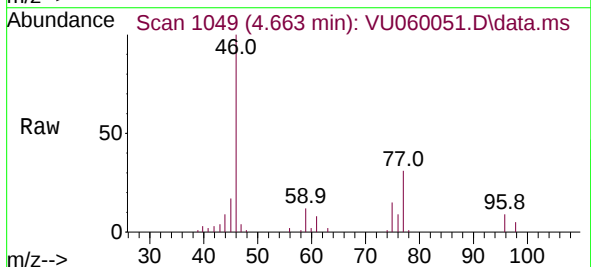


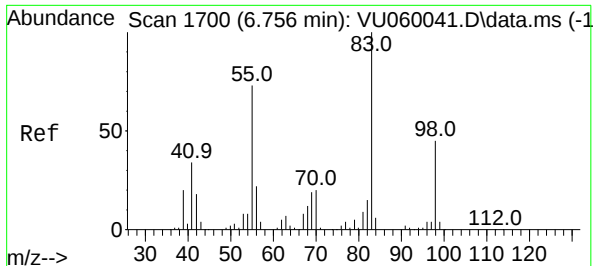
Tgt Ion: 73 Resp: 1427639  
Ion Ratio Lower Upper  
73 100  
43 15.7 13.1 19.7  
57 21.5 17.0 25.4



#22  
cis-1,2-Dichloroethene  
Concen: 0.140 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

Tgt Ion: 96 Resp: 1834  
Ion Ratio Lower Upper  
96 100  
61 91.8 80.2 148.9  
98 61.2 44.7 83.1

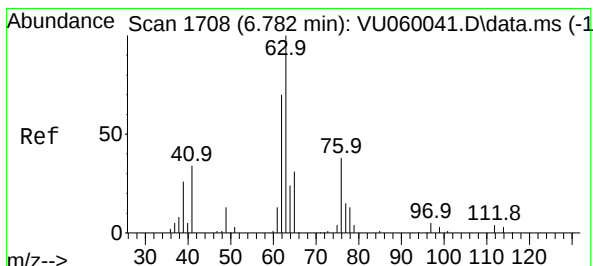
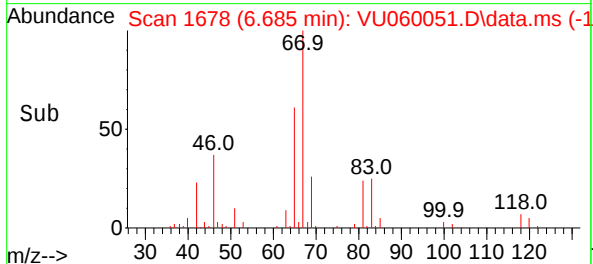
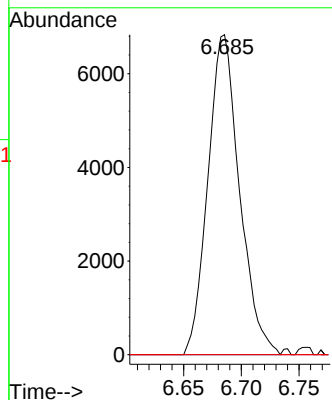
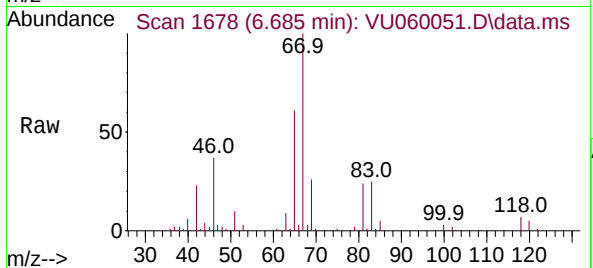




#35  
Methylcyclohexane  
Concen: 0.774 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

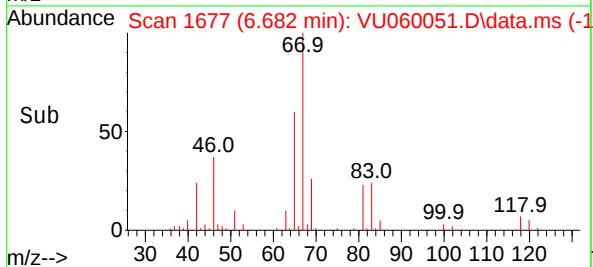
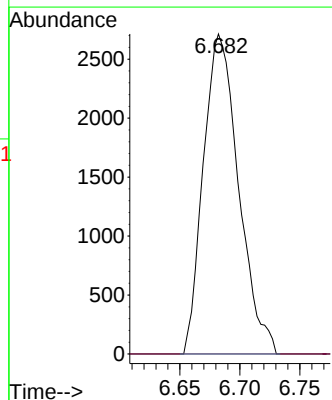
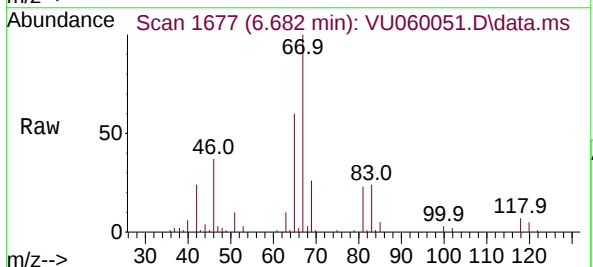
Instrument :  
MSVOA\_U  
ClientSampleId :

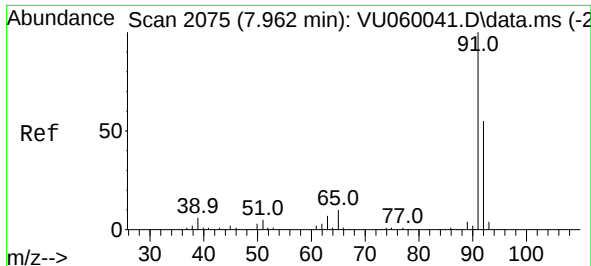
Tgt Ion: 83 Resp: 13033  
Ion Ratio Lower Upper  
83 100  
55 0.0 56.7 85.1#  
98 0.0 36.6 55.0#



#37  
1,2-Dichloropropane  
Concen: 0.424 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.100 min  
Lab File: VU060051.D  
Acq: 19 Jul 2024 11:03

Tgt Ion: 63 Resp: 5551  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.194 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060051.D

Acq: 19 Jul 2024 11:03

Instrument :

MSVOA\_U

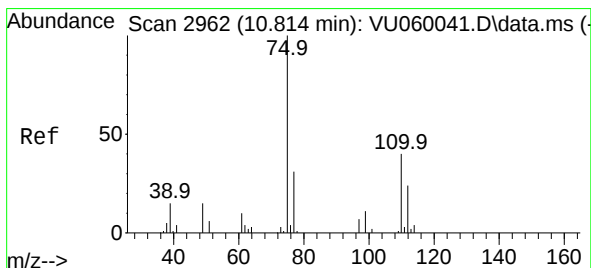
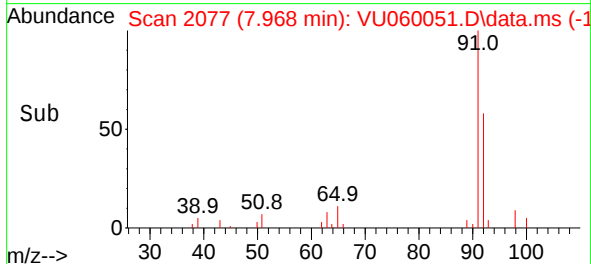
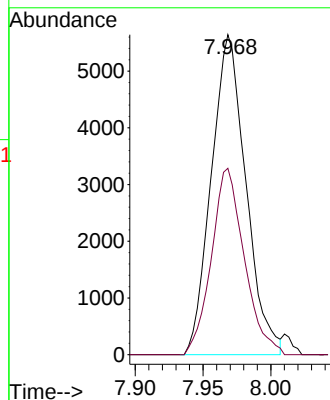
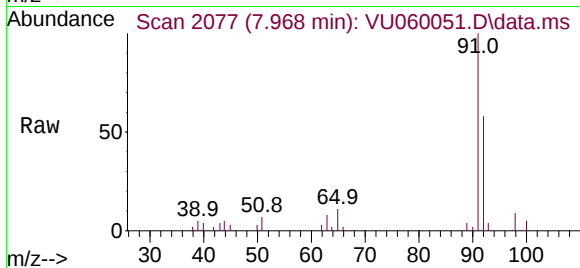
ClientSampleId :

Tgt Ion: 91 Resp: 10004

Ion Ratio Lower Upper

91 100

92 58.3 39.8 73.8



#61

1,2,3-Trichloropropane

Concen: 0.959 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU060051.D

Acq: 19 Jul 2024 11:03

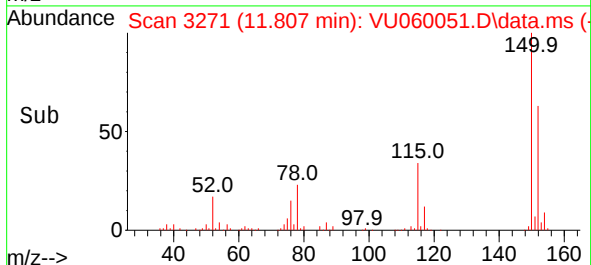
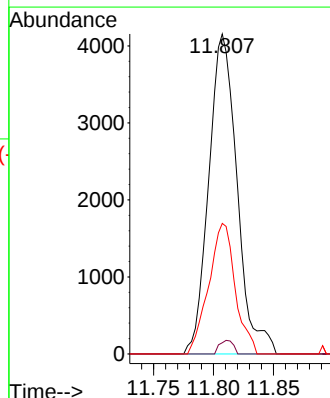
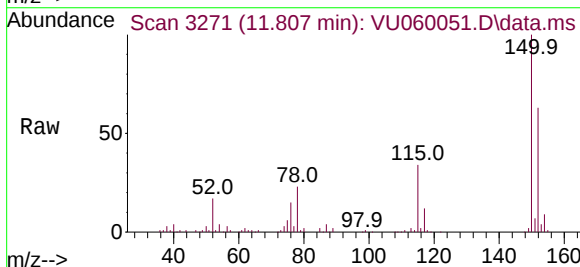
Tgt Ion: 75 Resp: 6809

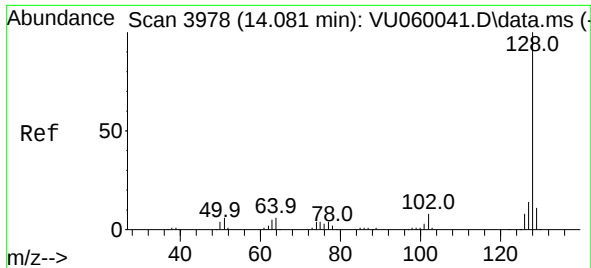
Ion Ratio Lower Upper

75 100

110 2.0 30.8 46.2#

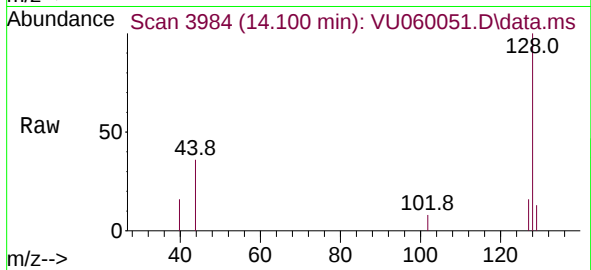
77 38.2 26.2 39.2





#71  
Naphthalene  
Concen: 0.164 ug/L  
RT: 14.100 min Scan# 3978  
Delta R.T. 0.019 min  
Lab File: VU060051.D  
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Tgt Ion:128 Resp: 3156  
Ion Ratio Lower Upper  
128 100  
129 6.0 8.2 12.4#  
127 8.3 10.6 16.0#

