

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU080822\  
 Data File : VU050138.D  
 Acq On : 08 Aug 2022 16:26  
 Operator : SY/MD  
 Sample : N4027-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBJH6

Quant Time: Aug 09 01:57:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 09 00:39:33 2022  
 Response via : Initial Calibration

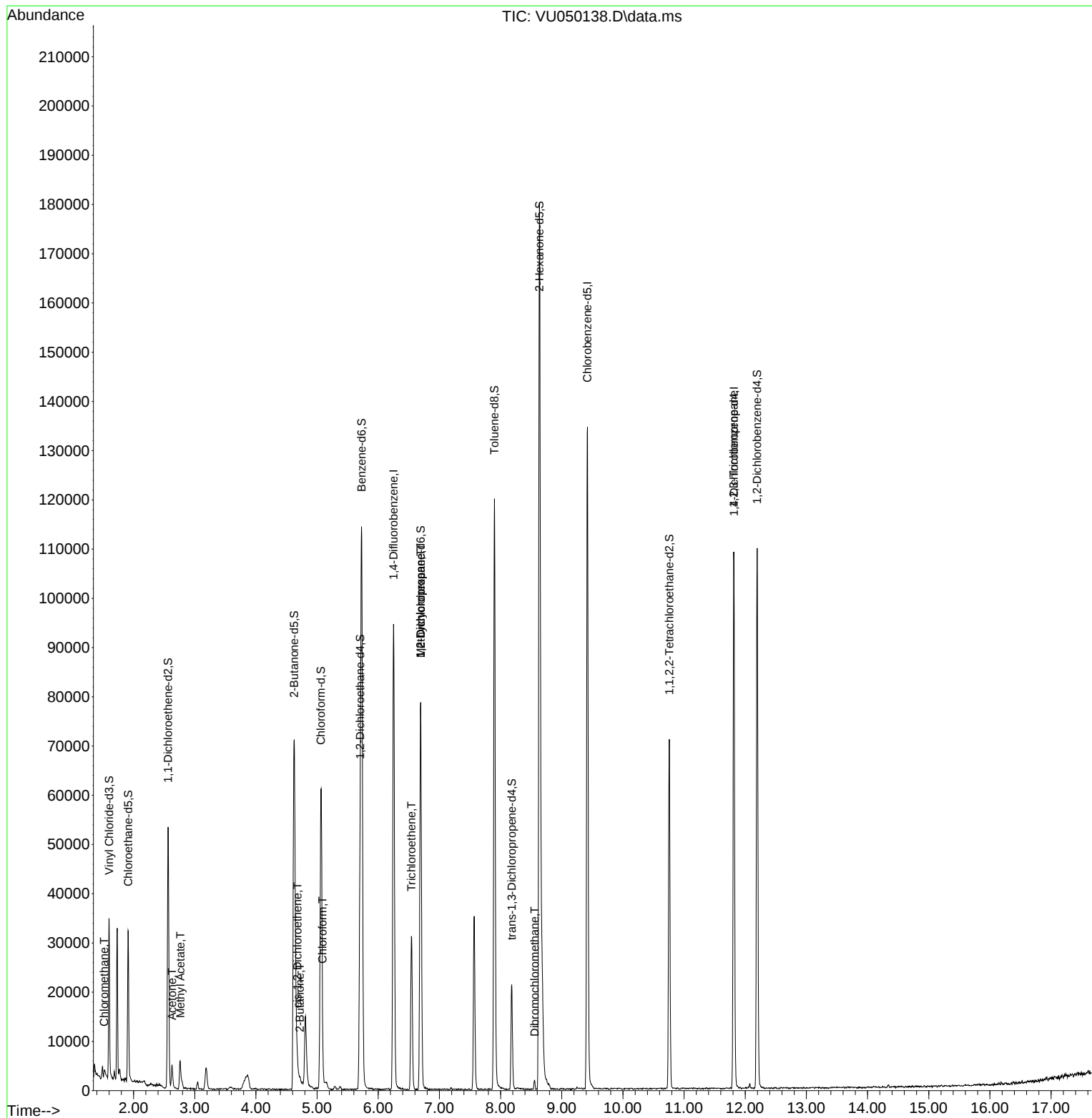
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 79313    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 78319    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152   | 30543    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 24347    | 3.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.800%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 23645    | 4.440    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 9932     | 3.850    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.000%  |
| 20) 2-Butanone-d5             | 4.623  | 46    | 97952    | 60.855   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 121.720% |
| 24) Chloroform-d              | 5.063  | 84    | 58320    | 4.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 31673    | 5.025    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.400% |
| 32) Benzene-d6                | 5.729  | 84    | 107749   | 4.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 40843    | 5.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.400% |
| 41) Toluene-d8                | 7.899  | 98    | 83192    | 3.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 13463    | 4.668    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.400%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 60254    | 58.913   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 117.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 37503    | 5.306    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 29862    | 4.990    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.520  | 50    | 1427     | 0.150    | ug/L   | 90       |
| 13) Acetone                   | 2.629  | 43    | 5598     | 6.245    | ug/L   | 95       |
| 15) Methyl Acetate            | 2.764  | 43    | 1822     | 0.744    | ug/L # | 46       |
| 21) 2-Butanone                | 4.719  | 43    | 2034     | 1.262    | ug/L # | 56       |
| 22) cis-1,2-Dichloroethene    | 4.677  | 96    | 1270     | 0.186    | ug/L   | 78       |
| 25) Chloroform                | 5.089  | 83    | 615      | 0.050    | ug/L   | 78       |
| 34) Trichloroethene           | 6.542  | 95    | 11249    | 1.695    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.693  | 83    | 9025     | 1.053    | ug/L # | 26       |
| 37) 1,2-Dichloropropane       | 6.693  | 63    | 3732     | 0.511    | ug/L # | 89       |
| 49) Dibromochloromethane      | 8.558  | 129   | 399      | 0.066    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 4019     | 0.966    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

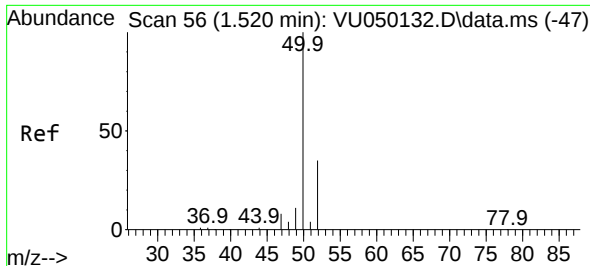
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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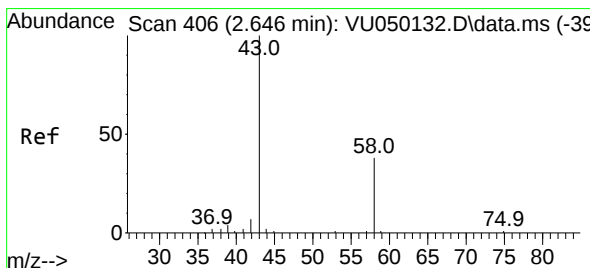
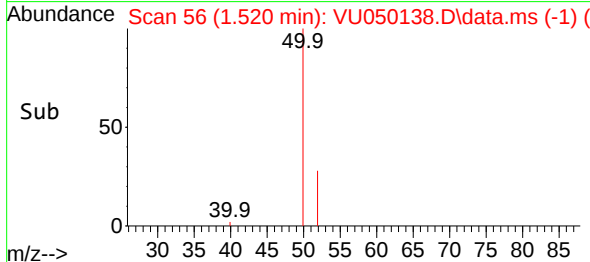
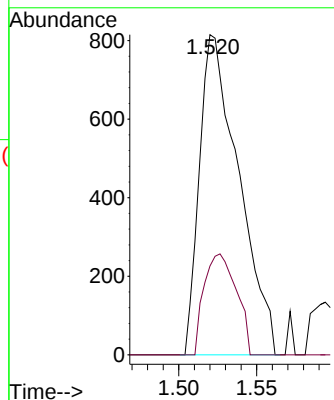
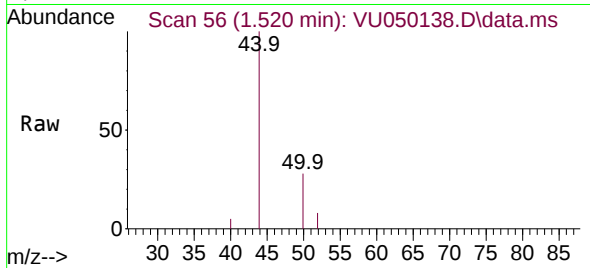




#3  
Chloromethane  
Concen: 0.150 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

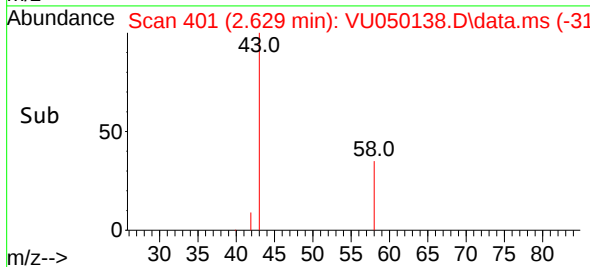
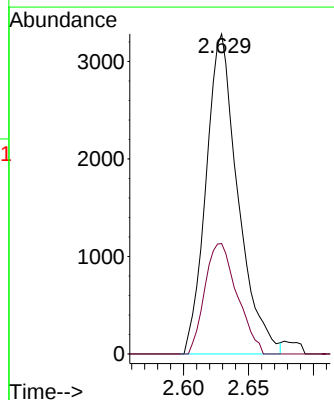
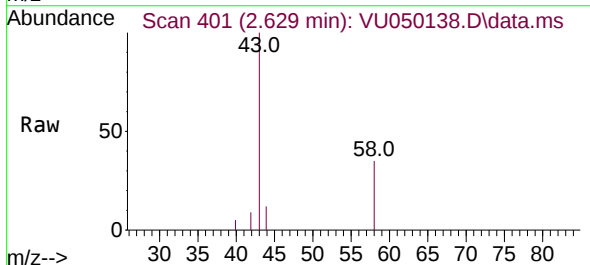
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBJH6

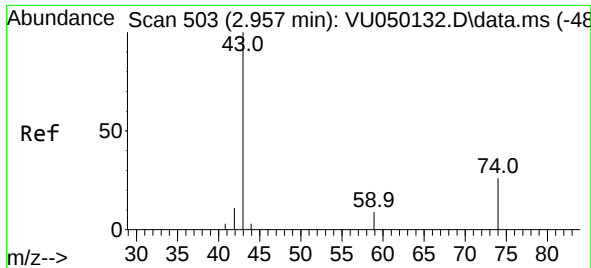
Tgt Ion: 50 Resp: 1427  
Ion Ratio Lower Upper  
50 100  
52 27.7 23.2 43.2



#13  
Acetone  
Concen: 6.245 ug/L  
RT: 2.629 min Scan# 401  
Delta R.T. -0.016 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

Tgt Ion: 43 Resp: 5598  
Ion Ratio Lower Upper  
43 100  
58 35.0 0.0 64.0

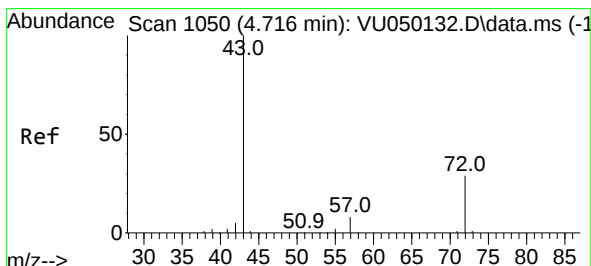
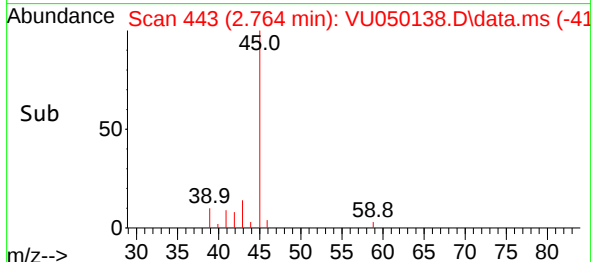
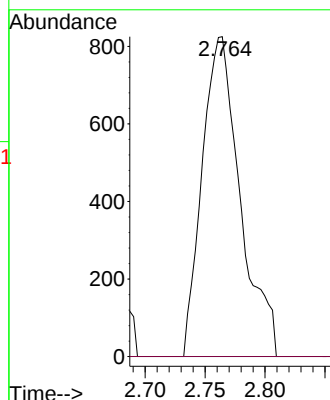
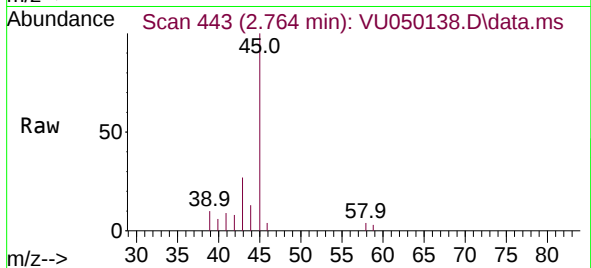




#15  
Methyl Acetate  
Concen: 0.744 ug/L  
RT: 2.764 min Scan# 443  
Delta R.T. -0.193 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

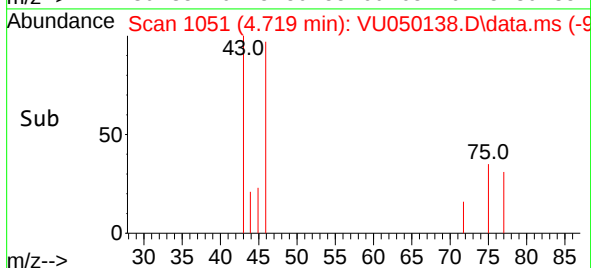
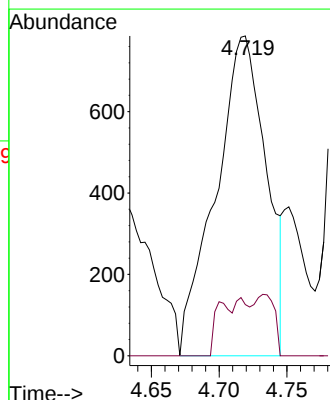
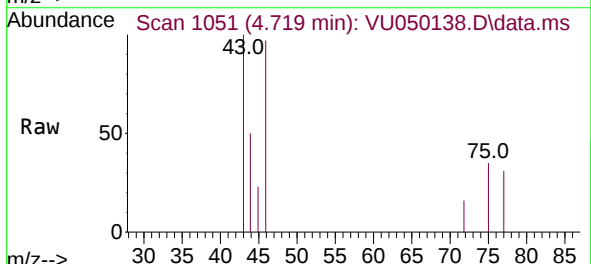
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBJH6

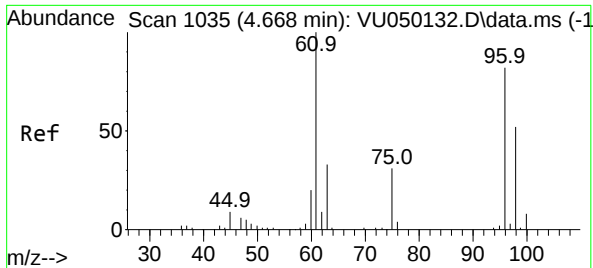
Tgt Ion: 43 Resp: 1822  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.7 34.1#



#21  
2-Butanone  
Concen: 1.262 ug/L  
RT: 4.719 min Scan# 1051  
Delta R.T. 0.003 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

Tgt Ion: 43 Resp: 2034  
Ion Ratio Lower Upper  
43 100  
72 5.0 14.0 42.0#

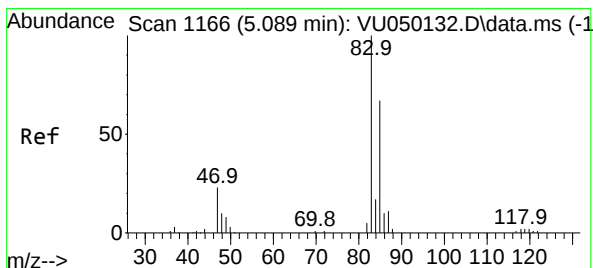
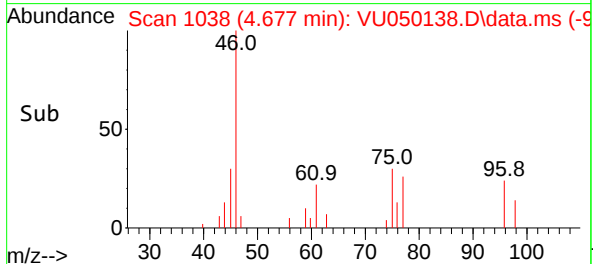
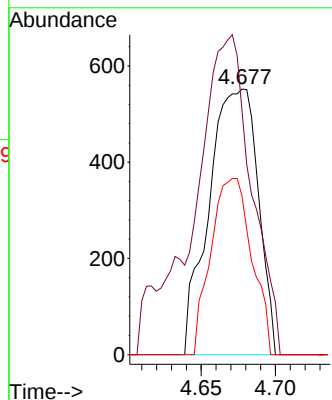
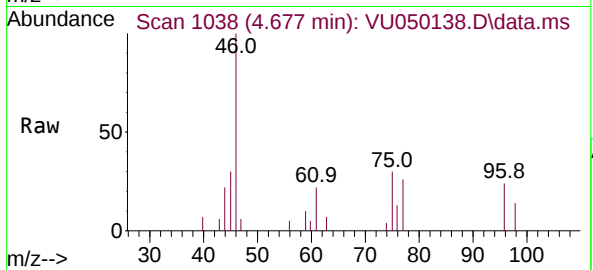




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.186 ug/L  
 RT: 4.677 min Scan# 1038  
 Delta R.T. 0.009 min  
 Lab File: VU050138.D  
 Acq: 08 Aug 2022 16:26

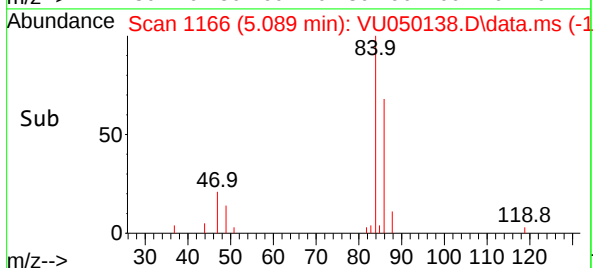
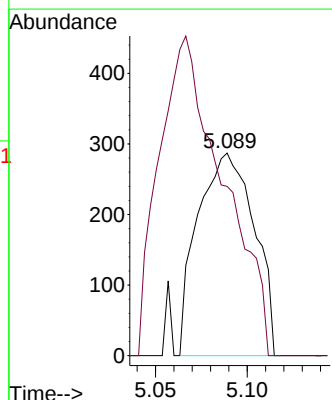
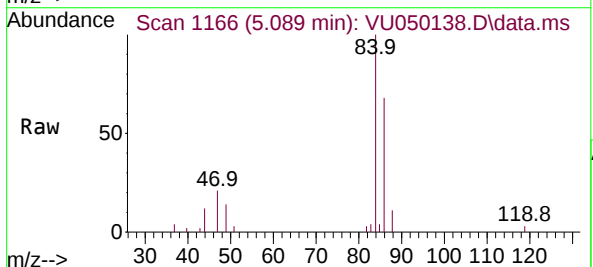
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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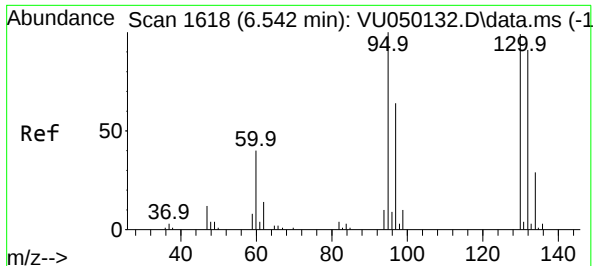
Tgt Ion: 96 Resp: 1270  
 Ion Ratio Lower Upper  
 96 100  
 61 92.0 89.0 165.4  
 98 59.8 45.2 84.0



#25  
 Chloroform  
 Concen: 0.050 ug/L  
 RT: 5.089 min Scan# 1166  
 Delta R.T. -0.000 min  
 Lab File: VU050138.D  
 Acq: 08 Aug 2022 16:26

Tgt Ion: 83 Resp: 615  
 Ion Ratio Lower Upper  
 83 100  
 85 83.6 46.1 85.5



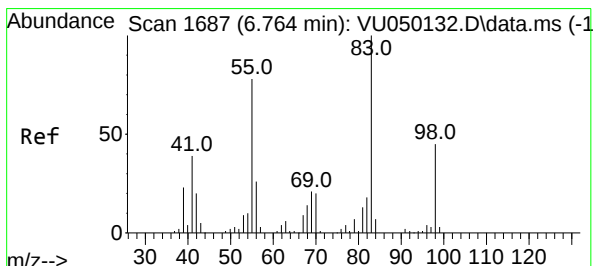
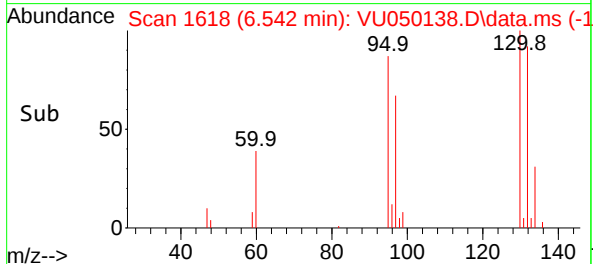
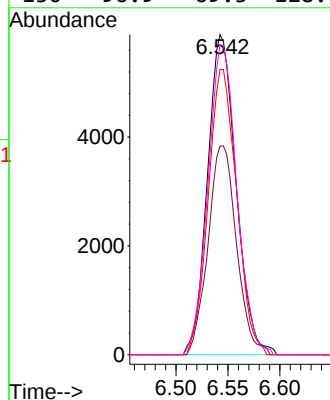
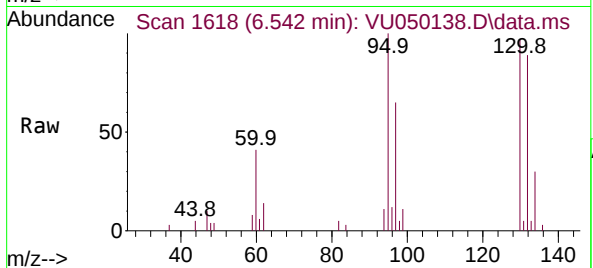


#34  
Trichloroethene  
Concen: 1.695 ug/L  
RT: 6.542 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
GBJH6

Tgt Ion: 95 Resp: 11249

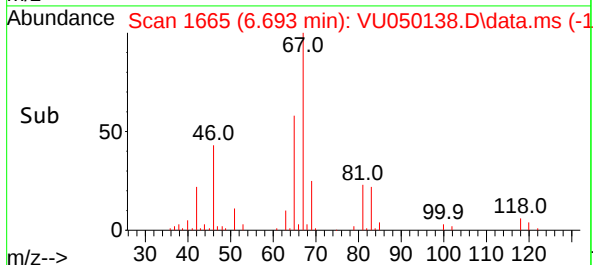
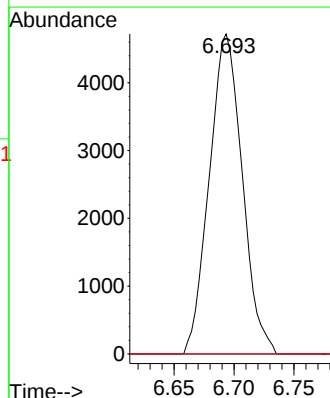
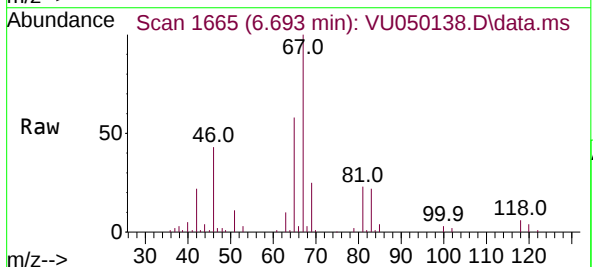
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.2  | 45.6  | 84.8  |
| 132 | 89.1  | 65.0  | 120.6 |
| 130 | 96.9  | 69.3  | 128.7 |

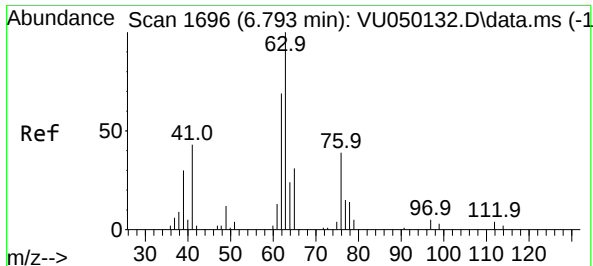


#35  
Methylcyclohexane  
Concen: 1.053 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU050138.D  
Acq: 08 Aug 2022 16:26

Tgt Ion: 83 Resp: 9025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 62.7  | 94.1# |
| 98  | 15.5  | 36.2  | 54.2# |





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050138.D

Acq: 08 Aug 2022 16:26

Instrument :

MSVOA\_U

ClientSampleId :

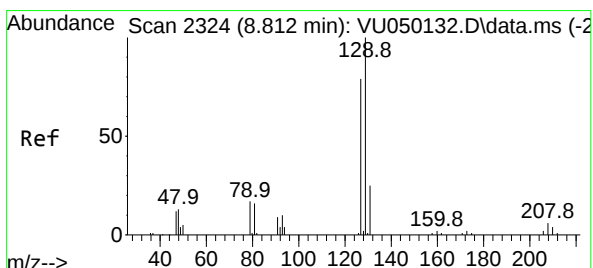
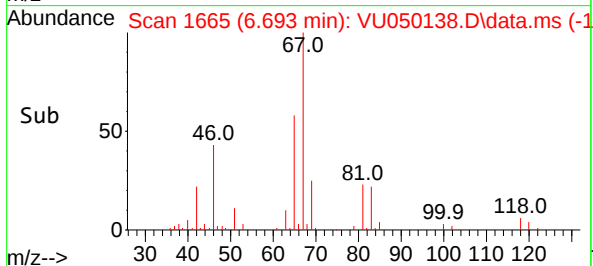
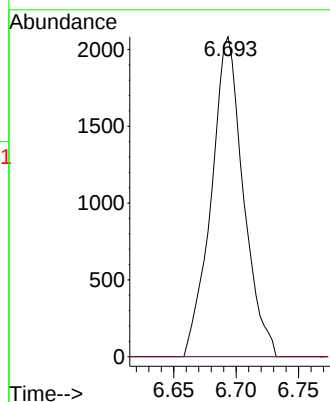
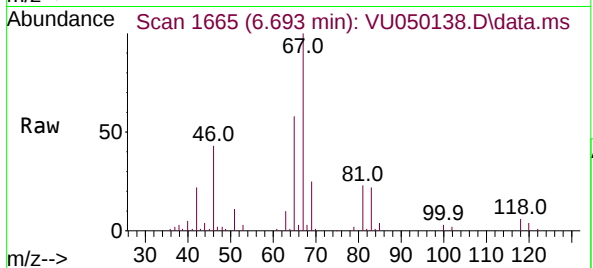
GBJH6

Tgt Ion: 63 Resp: 3732

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#49

Dibromochloromethane

Concen: 0.066 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU050138.D

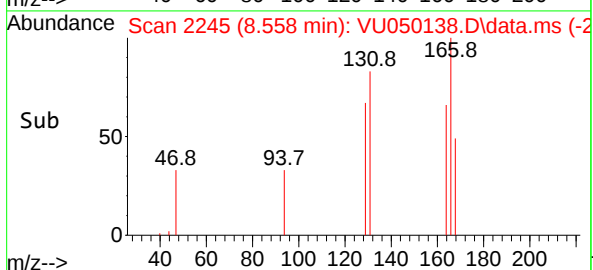
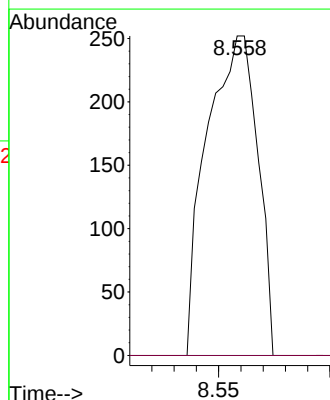
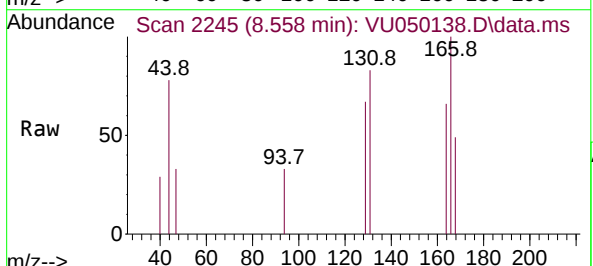
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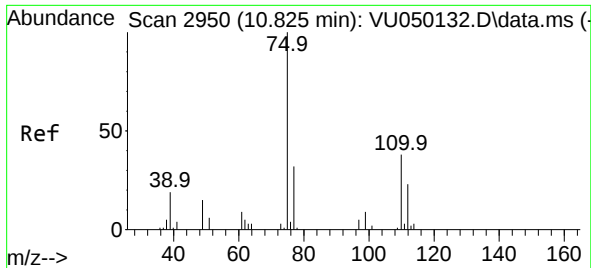
Tgt Ion: 129 Resp: 399

Ion Ratio Lower Upper

129 100

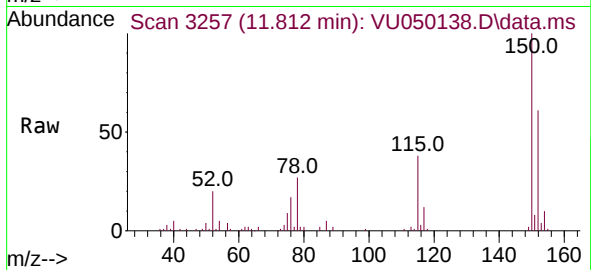
127 0.0 55.3 102.7#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.966 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU050138.D  
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Tgt Ion: 75 Resp: 4019  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.5 42.7#  
 77 28.2 25.8 38.6

