

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111524\  
 Data File : VU061713.D  
 Acq On : 15 Nov 2024 12:07  
 Operator : MD/SY  
 Sample : P4800-05  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 15 22:19:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 15 22:17:35 2024  
 Response via : Initial Calibration

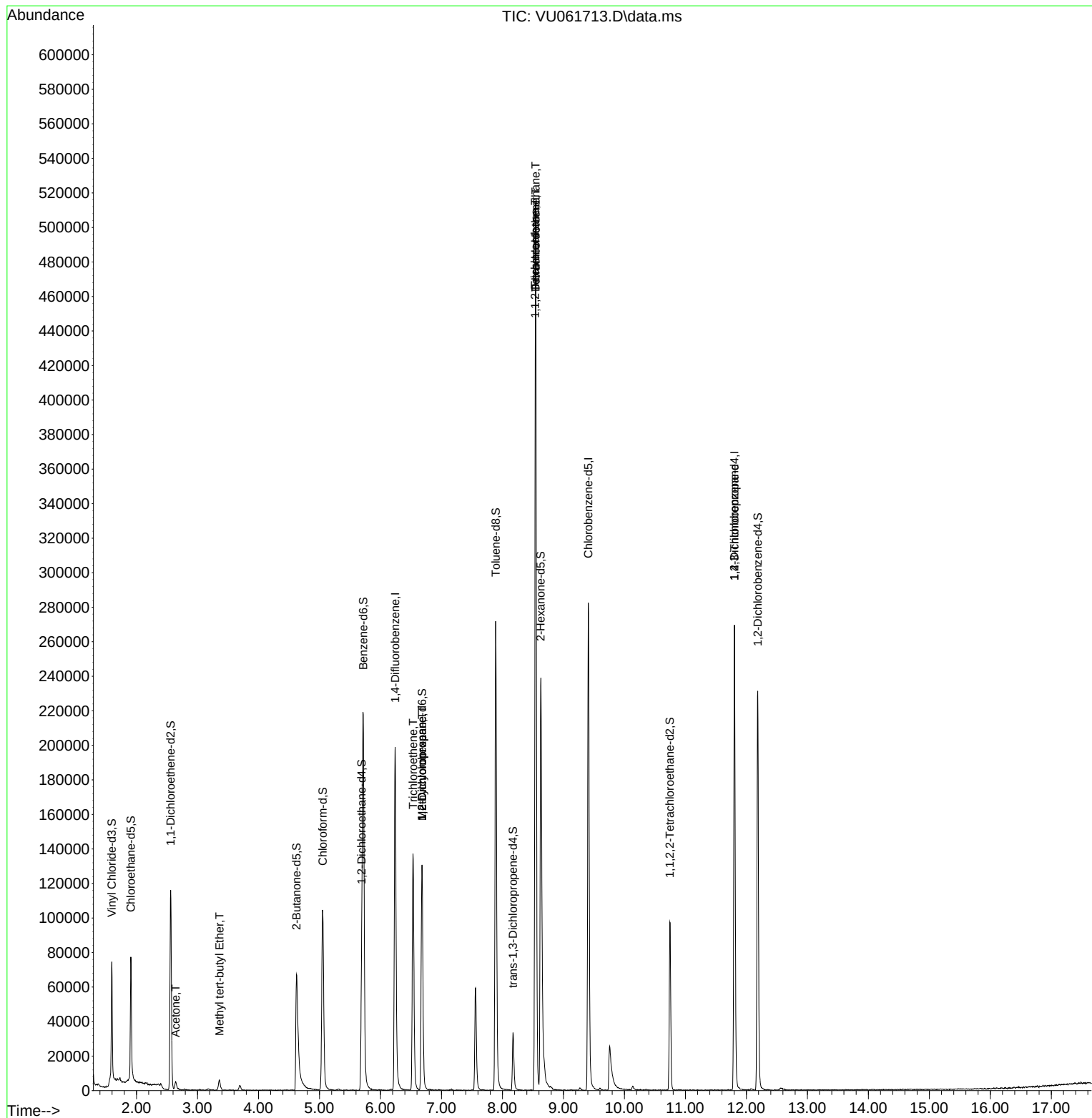
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 172691   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 166527   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 73048    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 46284    | 4.148    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 49160    | 5.161    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 103.200% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 22110    | 4.417    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 109346   | 46.171   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.340%  |
| 24) Chloroform-d              | 5.052  | 84    | 103036   | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 51671    | 4.855    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.000%  |
| 32) Benzene-d6                | 5.717  | 84    | 213722   | 4.639    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 65225    | 4.800    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 193709   | 4.511    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 20617    | 4.119    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 93818    | 47.437   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 49219    | 4.595    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 64652    | 4.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.644  | 43    | 6510     | 4.363    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 3.361  | 73    | 7060     | 0.276    | ug/L   | 97       |
| 34) Trichloroethene           | 6.534  | 95    | 48453    | 3.560    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.682  | 83    | 15295    | 0.745    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 6898     | 0.539    | ug/L # | 89       |
| 45) 1,1,2-Trichloroethane     | 8.537  | 97    | 947      | 0.102    | ug/L # | 9        |
| 47) Tetrachloroethene         | 8.544  | 164   | 112271   | 10.979   | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.544  | 129   | 110949   | 11.352   | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 8958     | 1.302    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

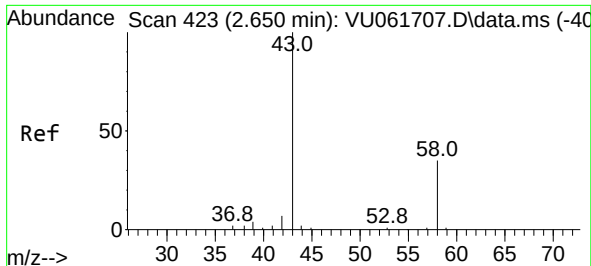
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 15 22:17:35 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.363 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU061713.D

Acq: 15 Nov 2024 12:07

Instrument :

MSVOA\_U

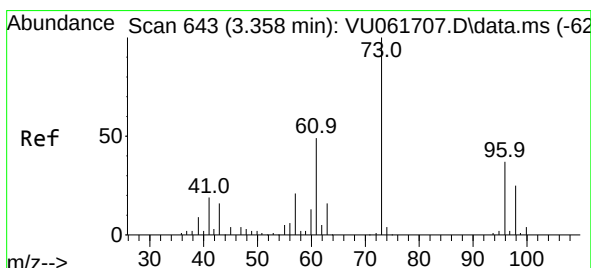
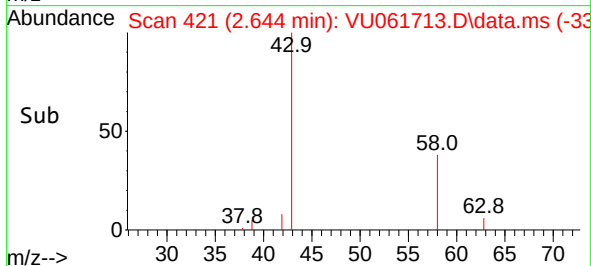
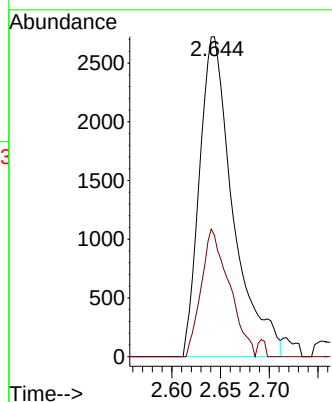
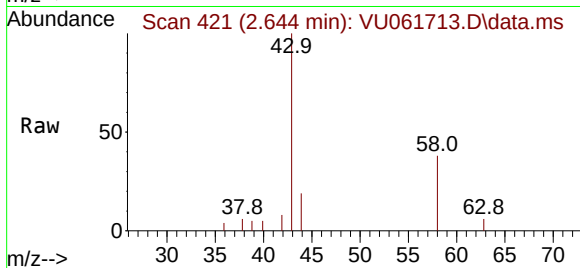
ClientSampleId :

Tgt Ion: 43 Resp: 6510

Ion Ratio Lower Upper

43 100

58 33.4 0.0 69.8



#17

Methyl tert-butyl Ether

Concen: 0.276 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.003 min

Lab File: VU061713.D

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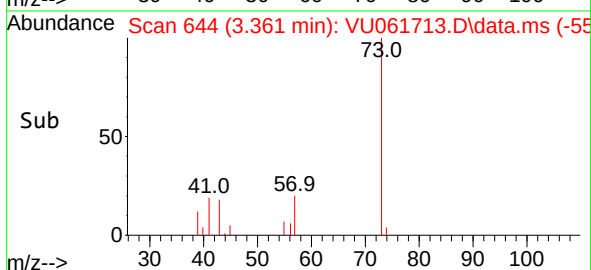
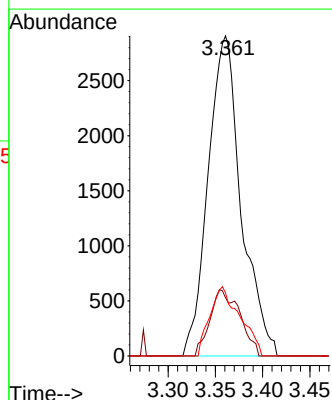
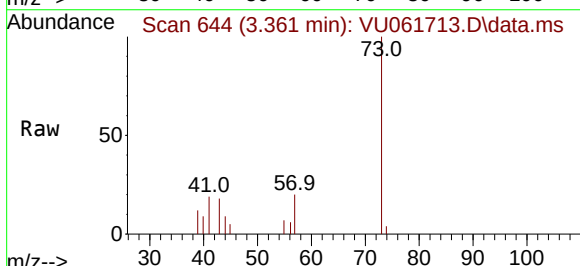
Tgt Ion: 73 Resp: 7060

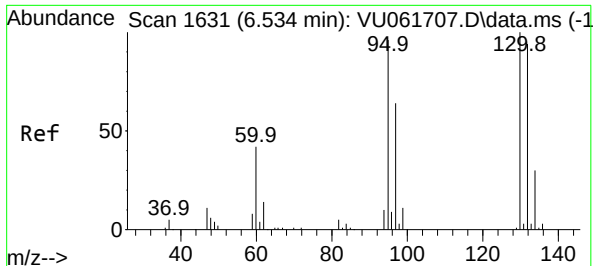
Ion Ratio Lower Upper

73 100

43 18.8 14.2 21.4

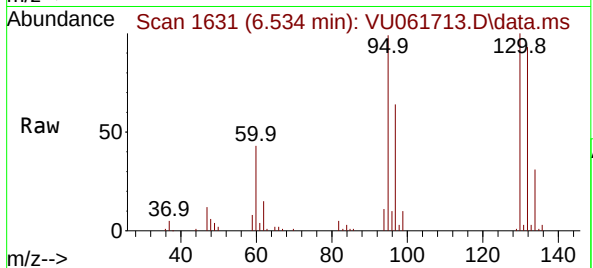
57 19.8 16.9 25.3





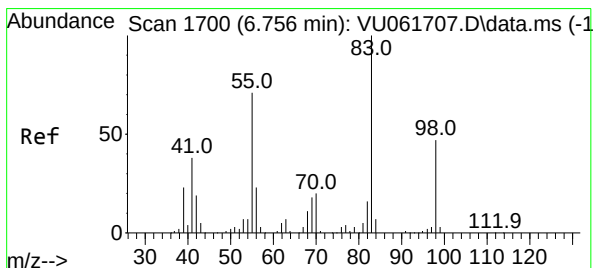
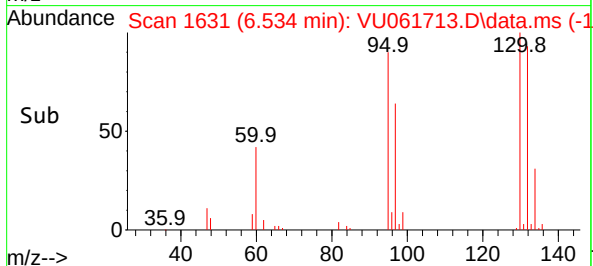
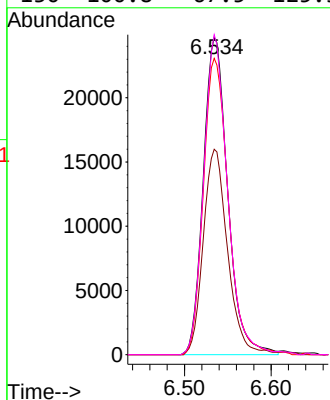
#34  
Trichloroethene  
Concen: 3.560 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 95 Resp: 48453

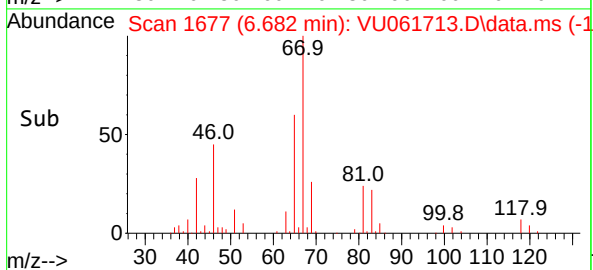
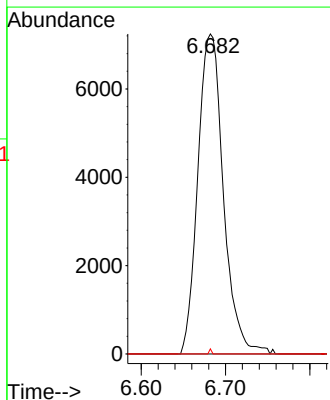
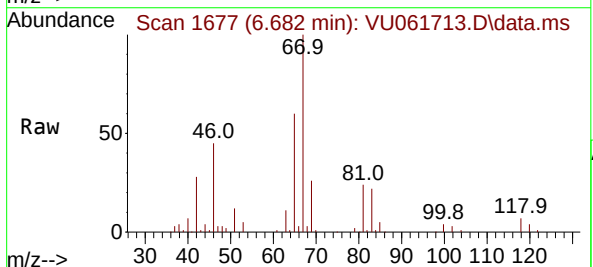
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.7  | 43.5  | 80.9  |
| 132 | 93.3  | 65.2  | 121.0 |
| 130 | 100.8 | 67.5  | 125.3 |

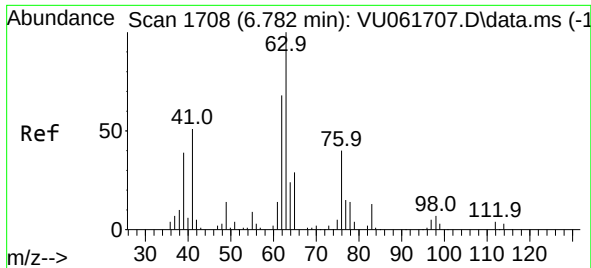


#35  
Methylcyclohexane  
Concen: 0.745 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

Tgt Ion: 83 Resp: 15295

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 56.4  | 84.6# |
| 98  | 0.0   | 37.7  | 56.5# |

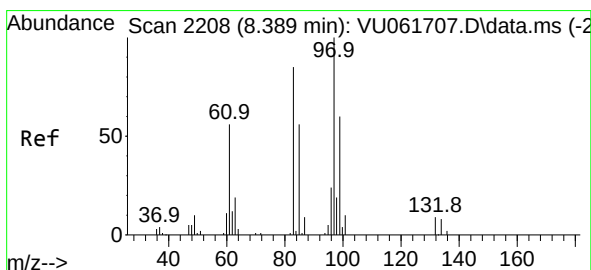
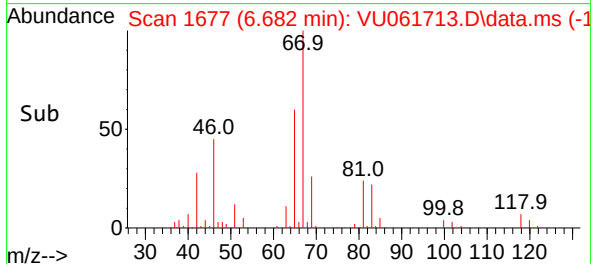
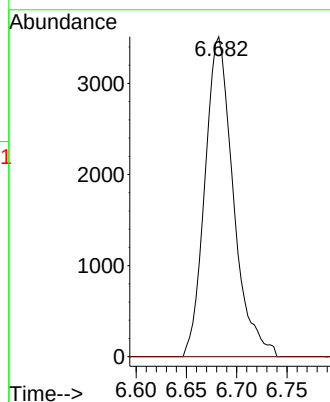
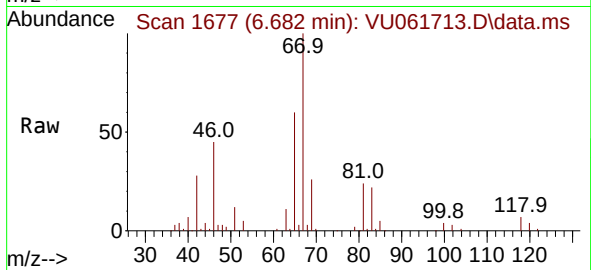




#37  
1,2-Dichloropropane  
Concen: 0.539 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

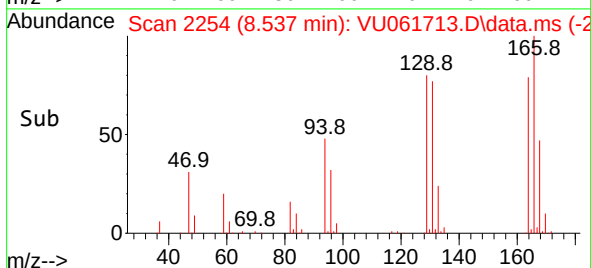
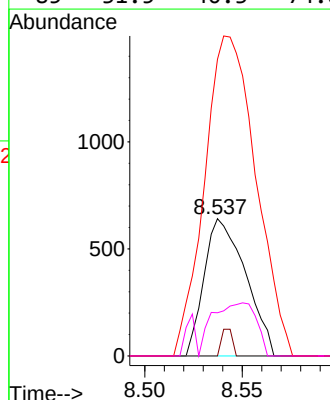
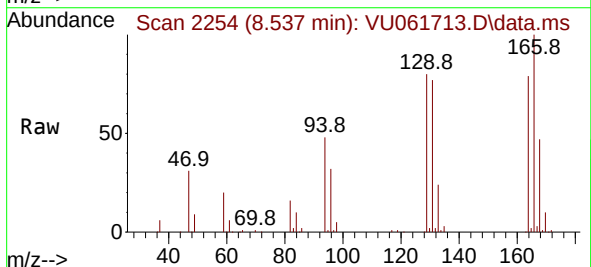
Instrument :  
MSVOA\_U  
ClientSampleId :

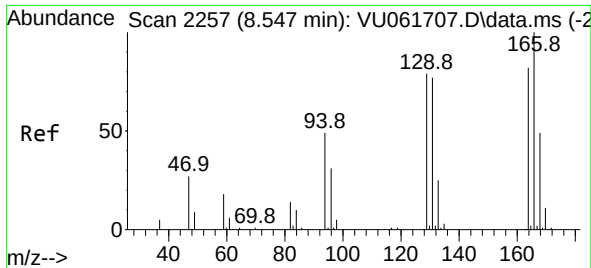
Tgt Ion: 63 Resp: 6898  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#45  
1,1,2-Trichloroethane  
Concen: 0.102 ug/L  
RT: 8.537 min Scan# 2254  
Delta R.T. 0.148 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

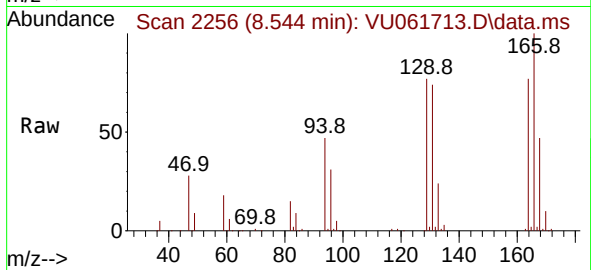
Tgt Ion: 97 Resp: 947  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.8 81.3#  
83 216.2 63.2 117.4#  
85 31.5 40.3 74.8#



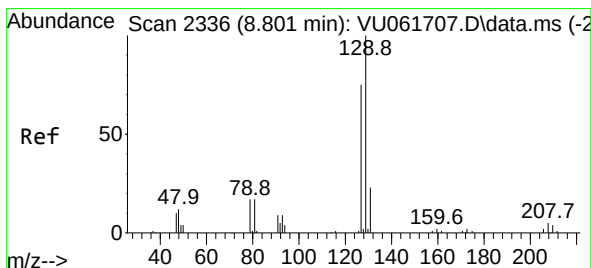
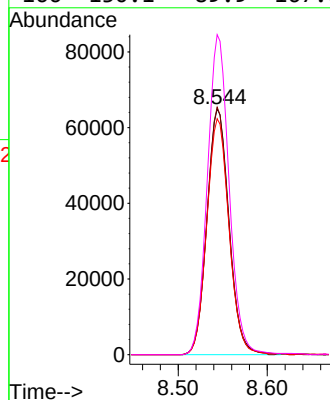
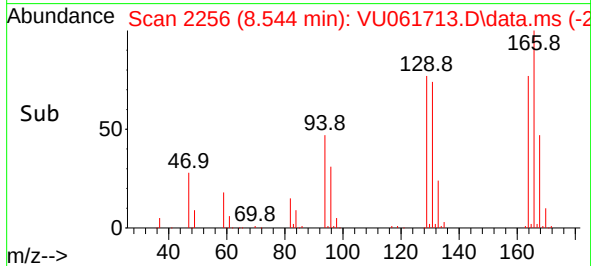


#47  
Tetrachloroethene  
Concen: 10.979 ug/L  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.003 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

Instrument :  
MSVOA\_U  
ClientSampleId :

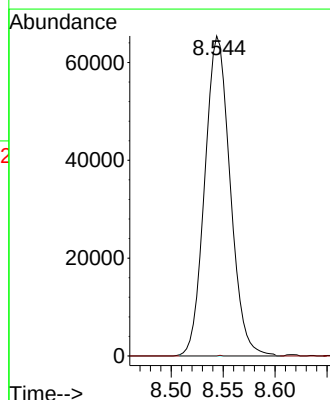
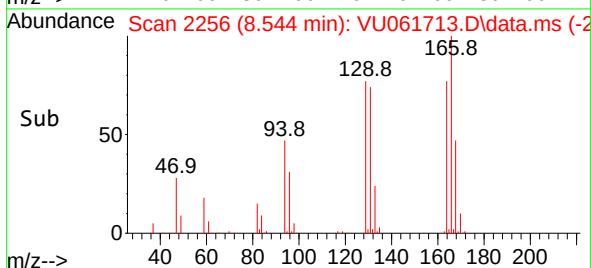
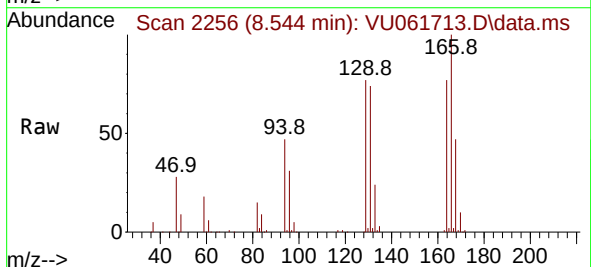


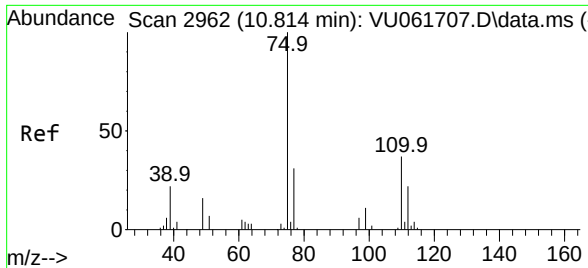
Tgt Ion:164 Resp: 112271  
Ion Ratio Lower Upper  
164 100  
129 100.7 71.7 133.3  
131 95.9 68.2 126.6  
166 130.1 89.9 167.0



#49  
Dibromochloromethane  
Concen: 11.352 ug/L  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.257 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

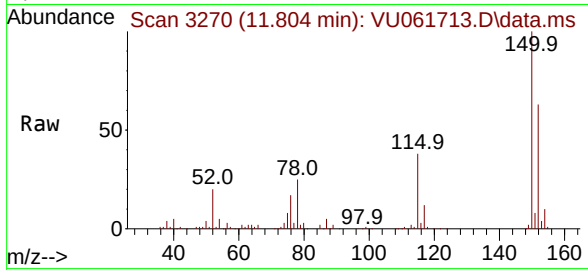
Tgt Ion:129 Resp: 110949  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.1 102.3#





#61  
1,2,3-Trichloropropane  
Concen: 1.302 ug/L  
RT: 11.804 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU061713.D  
Acq: 15 Nov 2024 12:07

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8958  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.8   | 31.3  | 46.9# |
| 77       | 32.4  | 26.0  | 39.0  |

