

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121124\  
 Data File : VU062259.D  
 Acq On : 11 Dec 2024 23:55  
 Operator : MD/SY  
 Sample : P5251-15  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 12 01:47:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 12 01:45:00 2024  
 Response via : Initial Calibration

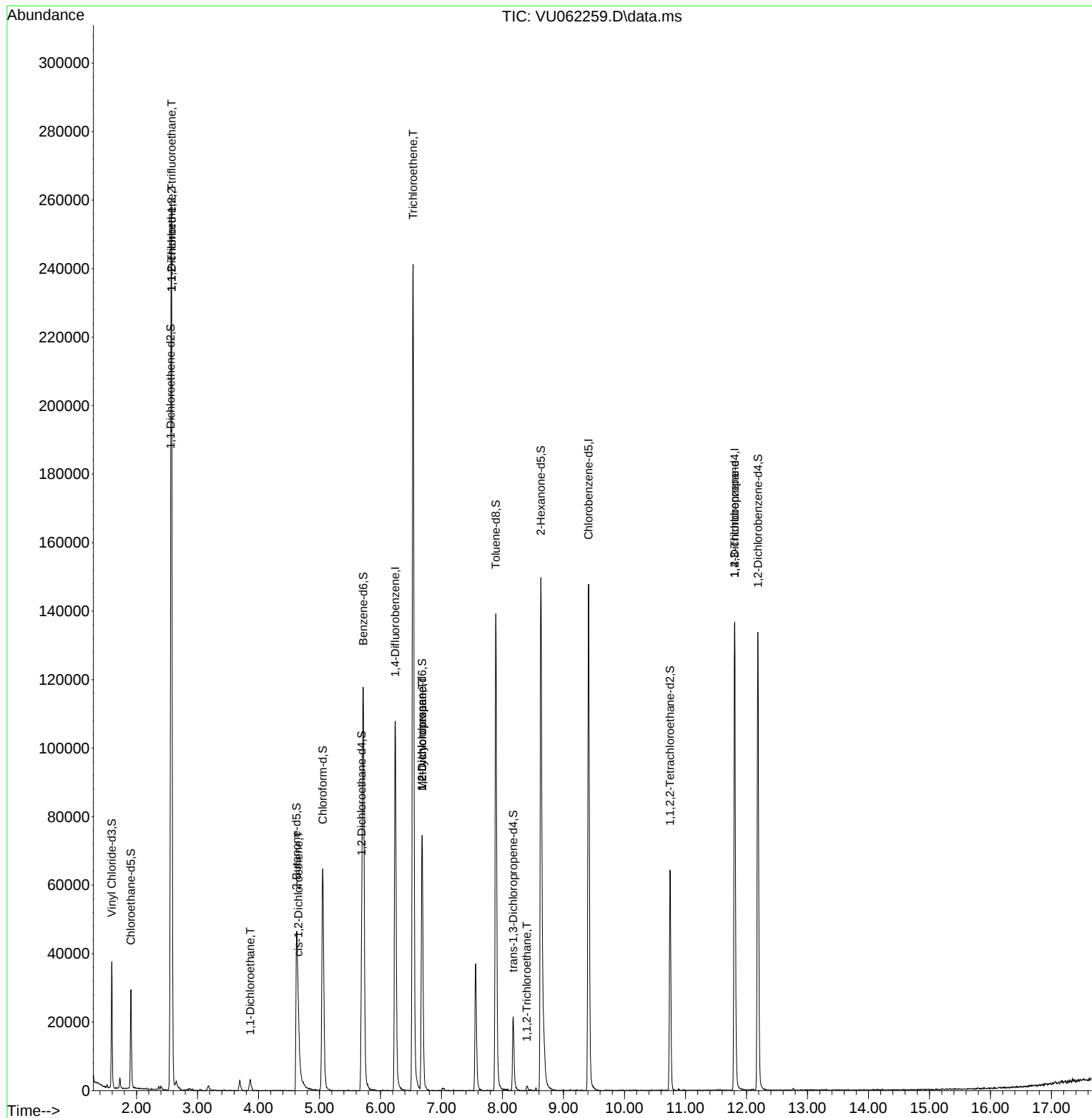
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 92054    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 86703    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 38909    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 24174    | 3.893  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 77.800%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 20055    | 4.541  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 11949    | 4.045  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 81.000%  |          |
| 20) 2-Butanone-d5             | 4.624  | 46             | 70186    | 58.981 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 117.960% |          |
| 24) Chloroform-d              | 5.052  | 84             | 64612    | 4.808  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65             | 36511    | 5.525  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 110.600% |          |
| 32) Benzene-d6                | 5.717  | 84             | 112702   | 4.513  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 35977    | 5.035  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.800% |          |
| 41) Toluene-d8                | 7.891  | 98             | 100132   | 4.245  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 14369    | 4.569  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.400%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 54514    | 57.455 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 114.900% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84             | 31246    | 5.620  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 112.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 37877    | 5.283  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101            | 3520     | 0.529  | ug/L #   | 92       |
| 12) 1,1-Dichloroethene        | 2.573  | 96             | 75848    | 12.203 | ug/L     | 88       |
| 19) 1,1-Dichloroethane        | 3.865  | 63             | 4039     | 0.345  | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96             | 2684     | 0.375  | ug/L     | 93       |
| 34) Trichloroethene           | 6.534  | 95             | 86996    | 11.430 | ug/L     | 96       |
| 35) Methylcyclohexane         | 6.682  | 83             | 9178     | 0.813  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 4107     | 0.628  | ug/L #   | 87       |
| 45) 1,1,2-Trichloroethane     | 8.396  | 97             | 438      | 0.089  | ug/L     | 87       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 4100     | 1.140  | ug/L #   | 68       |

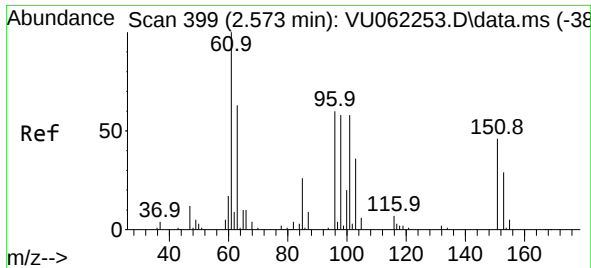
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 12 01:45:00 2024  
Response via : Initial Calibration

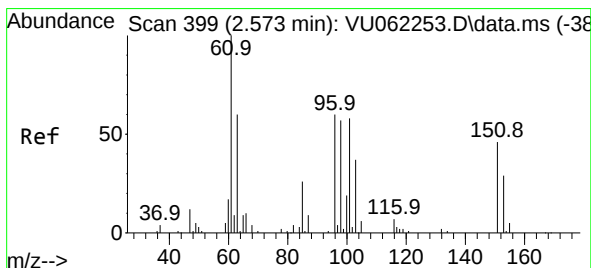
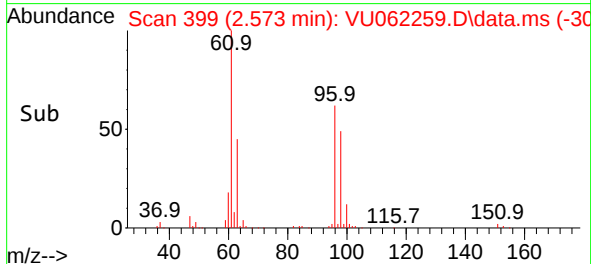
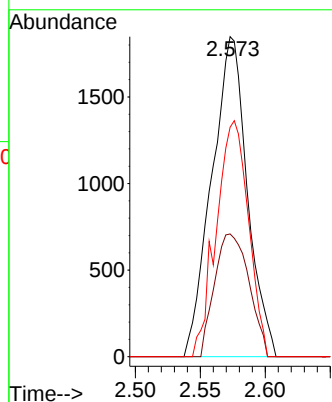
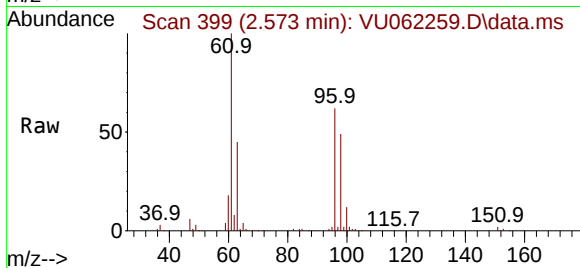




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.529 ug/L  
 RT: 2.573 min Scan# 399  
 Delta R.T. -0.000 min  
 Lab File: VU062259.D  
 Acq: 11 Dec 2024 23:55

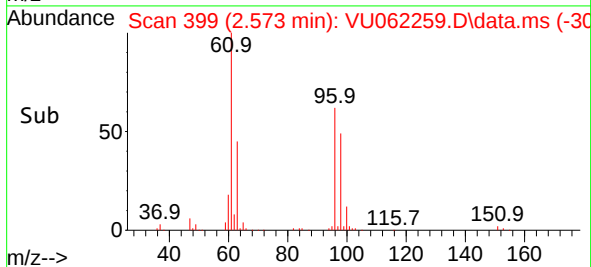
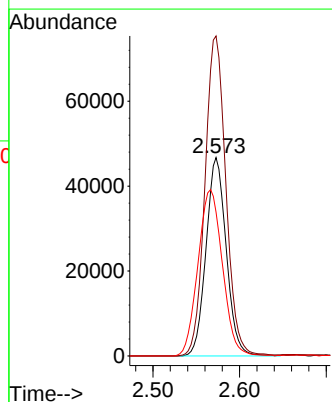
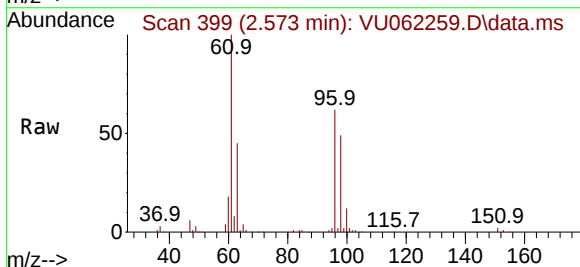
Instrument :  
 MSVOA\_U  
 ClientSampleId :

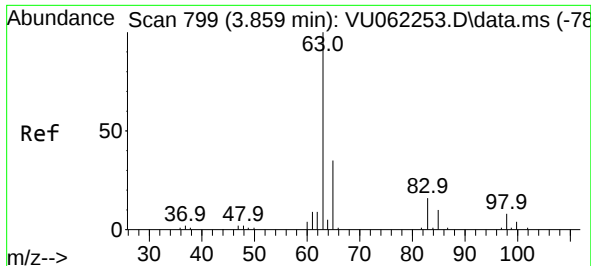
Tgt Ion:101 Resp: 3520  
 Ion Ratio Lower Upper  
 101 100  
 85 37.2 38.0 57.0#  
 151 66.7 55.3 82.9



#12  
 1,1-Dichloroethene  
 Concen: 12.203 ug/L  
 RT: 2.573 min Scan# 399  
 Delta R.T. -0.000 min  
 Lab File: VU062259.D  
 Acq: 11 Dec 2024 23:55

Tgt Ion: 96 Resp: 75848  
 Ion Ratio Lower Upper  
 96 100  
 61 161.3 119.6 222.2  
 63 72.6 65.0 120.6





#19

1,1-Dichloroethane

Concen: 0.345 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU062259.D

Acq: 11 Dec 2024 23:55

Instrument :

MSVOA\_U

ClientSampleId :

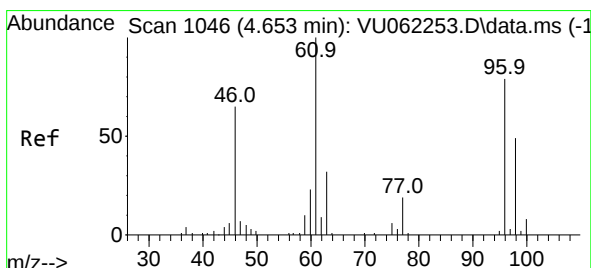
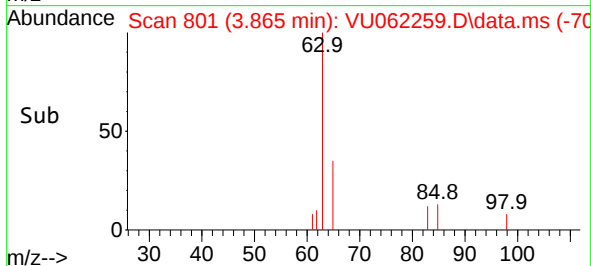
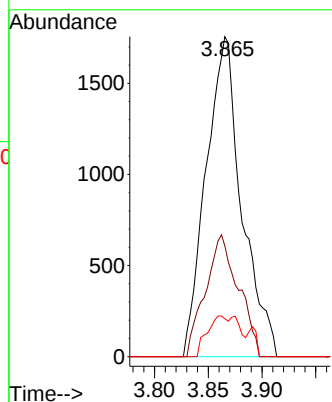
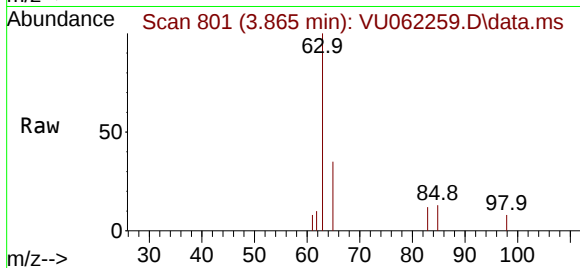
Tgt Ion: 63 Resp: 4039

Ion Ratio Lower Upper

63 100

65 34.6 22.7 42.3

83 11.8 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 0.375 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062259.D

Acq: 11 Dec 2024 23:55

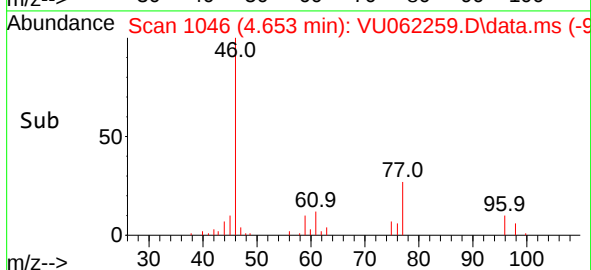
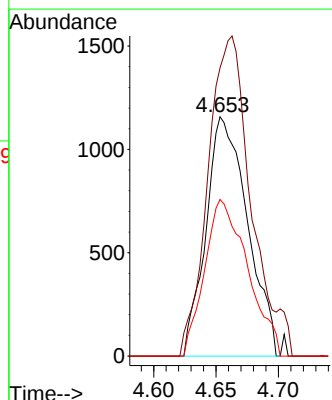
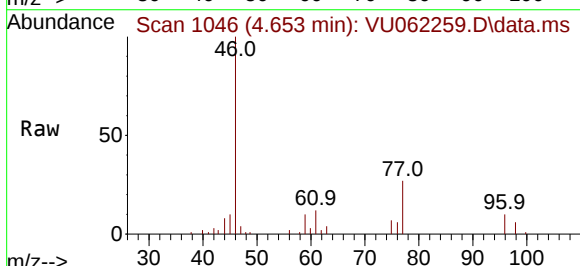
Tgt Ion: 96 Resp: 2684

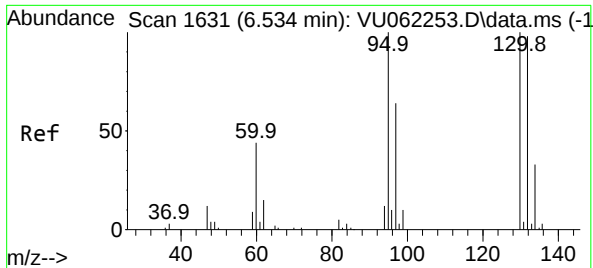
Ion Ratio Lower Upper

96 100

61 120.5 92.0 170.8

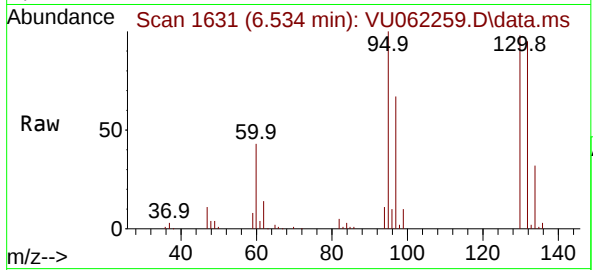
98 65.5 44.5 82.7





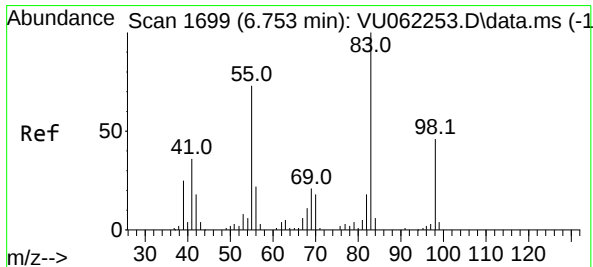
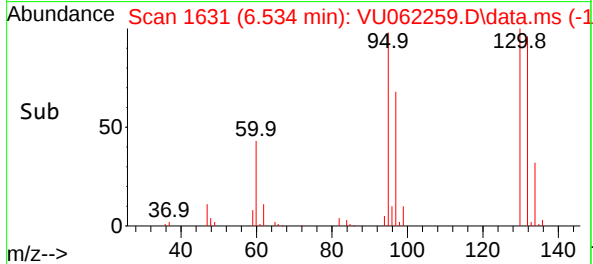
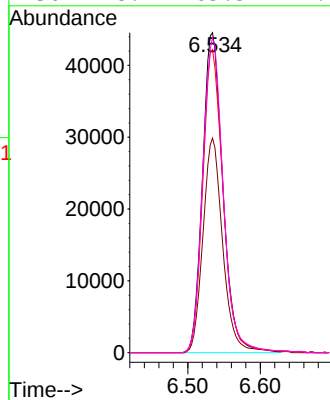
#34  
Trichloroethene  
Concen: 11.430 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VU062259.D  
Acq: 11 Dec 2024 23:55

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 95 Resp: 86996

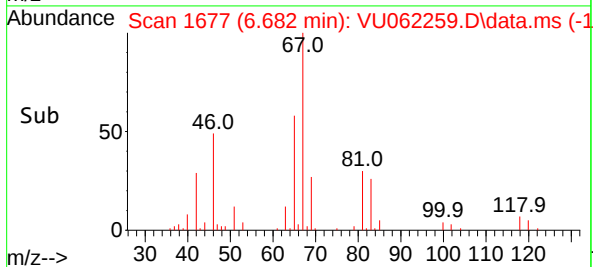
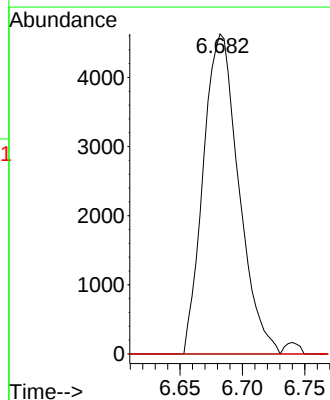
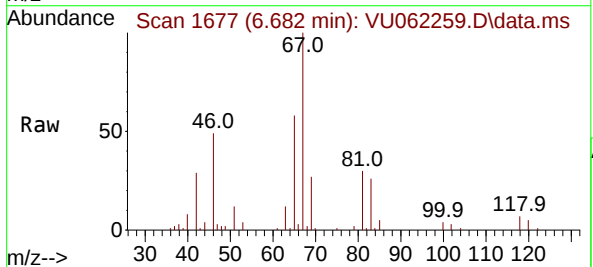
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.0  | 45.9  | 85.3  |
| 132 | 94.7  | 63.8  | 118.4 |
| 130 | 98.4  | 65.5  | 121.7 |

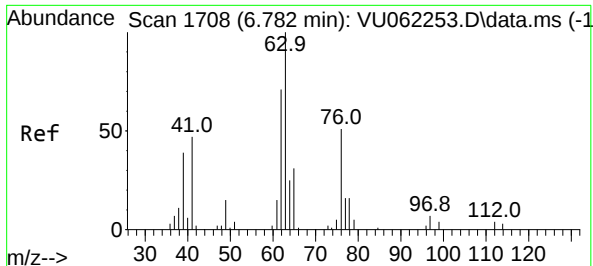


#35  
Methylcyclohexane  
Concen: 0.813 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU062259.D  
Acq: 11 Dec 2024 23:55

Tgt Ion: 83 Resp: 9178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 60.7  | 91.1# |
| 98  | 0.0   | 34.8  | 52.2# |

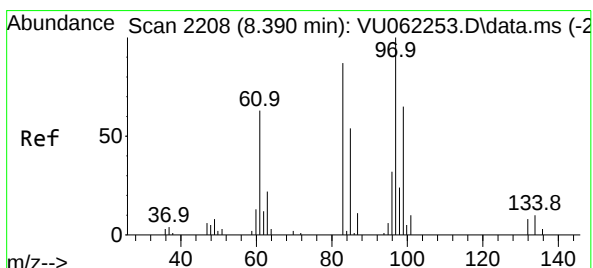
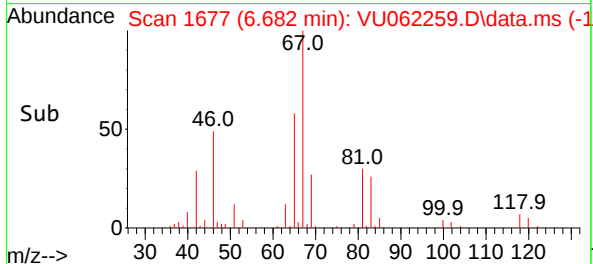
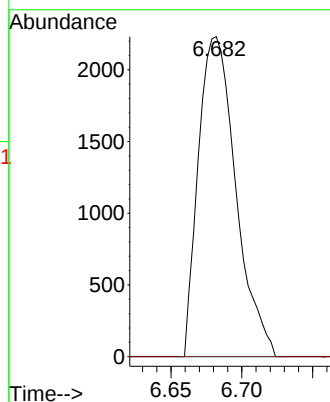
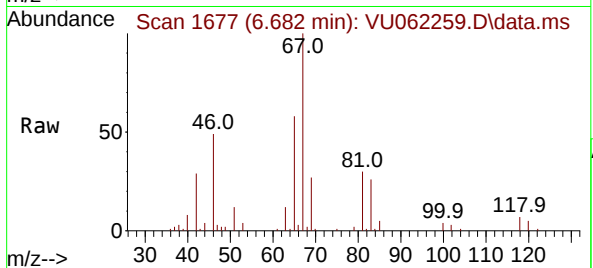




#37  
1,2-Dichloropropane  
Concen: 0.628 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU062259.D  
Acq: 11 Dec 2024 23:55

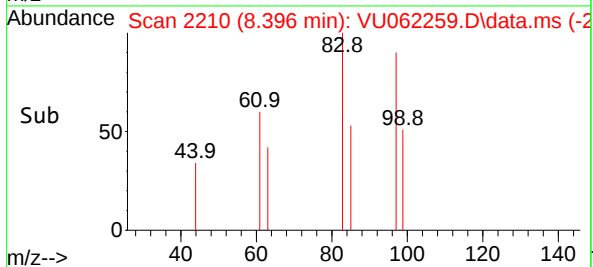
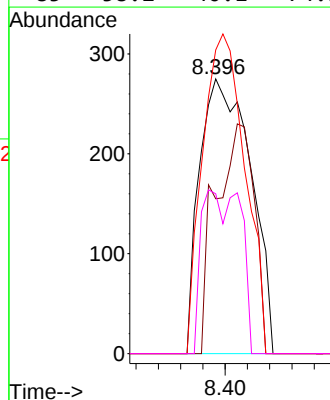
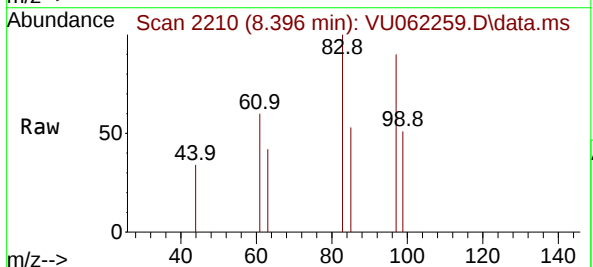
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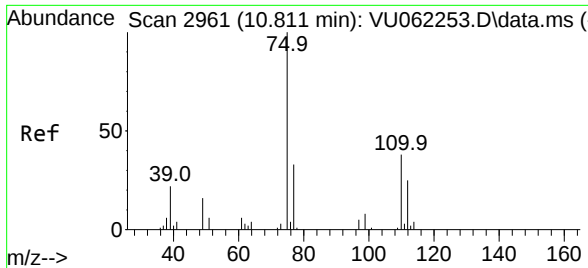
Tgt Ion: 63 Resp: 4107  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#45  
1,1,2-Trichloroethane  
Concen: 0.089 ug/L  
RT: 8.396 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VU062259.D  
Acq: 11 Dec 2024 23:55

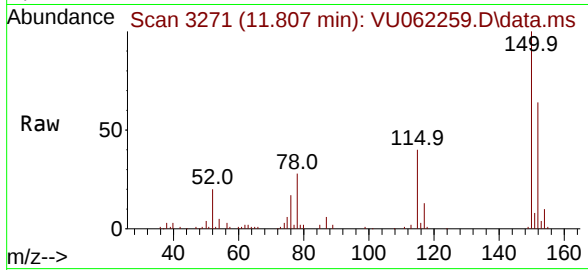
Tgt Ion: 97 Resp: 438  
Ion Ratio Lower Upper  
97 100  
99 56.4 43.0 79.8  
83 110.5 61.7 114.5  
85 58.2 40.1 74.5





#61  
1,2,3-Trichloropropane  
Concen: 1.140 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.996 min  
Lab File: VU062259.D  
Acq: 11 Dec 2024 23:55

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 4100  
Ion Ratio Lower Upper  
75 100  
110 1.0 28.9 43.3#  
77 34.2 26.5 39.7

