

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110524\  
 Data File : VU061474.D  
 Acq On : 06 Nov 2024 01:02  
 Operator : MD/SY  
 Sample : P4689-21  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 06 03:41:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 06 00:52:59 2024  
 Response via : Initial Calibration

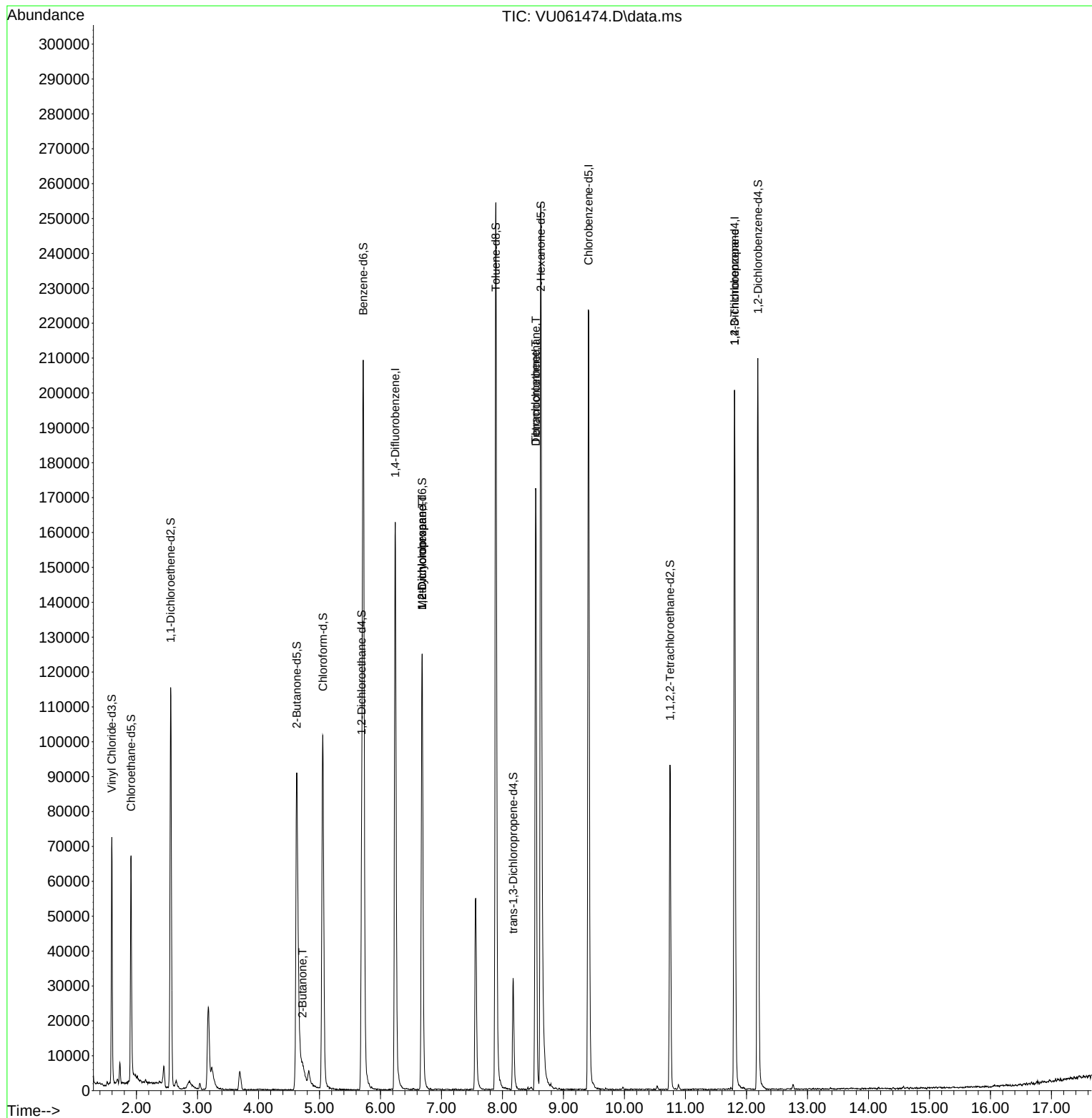
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 140403   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 132038   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 55995    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 48503    | 5.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.800% |
| 7) Chloroethane-d5            | 1.911  | 69    | 46340    | 5.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 106.000% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 22029    | 5.398    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 108.000% |
| 20) 2-Butanone-d5             | 4.628  | 46    | 107739   | 55.638   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.280% |
| 24) Chloroform-d              | 5.056  | 84    | 96796    | 5.347    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 107.000% |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 50632    | 5.611    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 112.200% |
| 32) Benzene-d6                | 5.718  | 84    | 205020   | 5.511    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 110.200% |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 62329    | 5.572    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 111.400% |
| 41) Toluene-d8                | 7.891  | 98    | 181509   | 5.218    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19926    | 4.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.200%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 92101    | 49.250   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.747 | 84    | 45550    | 5.385    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 107.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 58664    | 5.916    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 118.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 21) 2-Butanone                | 4.721  | 43    | 5653     | 2.907    | ug/L # | 69       |
| 35) Methylcyclohexane         | 6.682  | 83    | 14464    | 0.818    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 6864     | 0.663    | ug/L # | 89       |
| 47) Tetrachloroethene         | 8.544  | 164   | 38833    | 5.005    | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.547  | 129   | 38217    | 4.524    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 7110     | 1.275    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

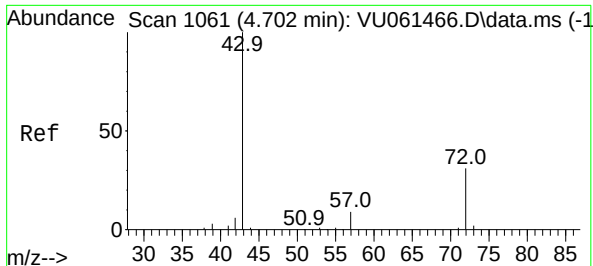
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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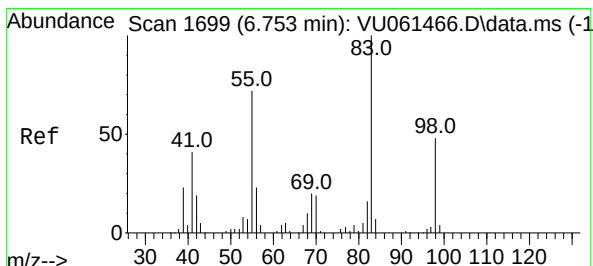
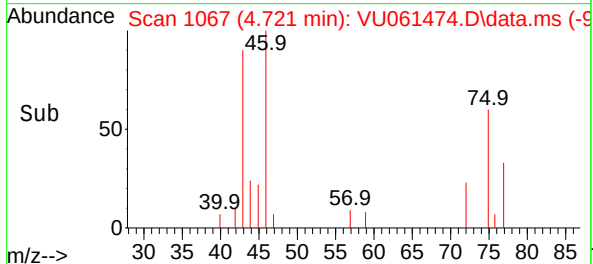
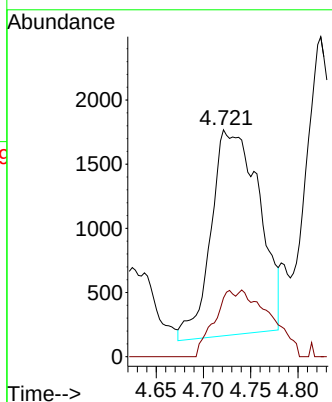
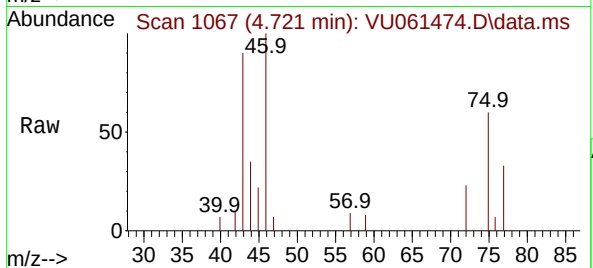




#21  
2-Butanone  
Concen: 2.907 ug/L  
RT: 4.721 min Scan# 1  
Delta R.T. 0.020 min  
Lab File: VU061474.D  
Acq: 06 Nov 2024 01:02

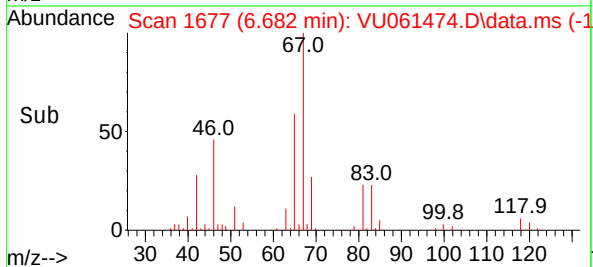
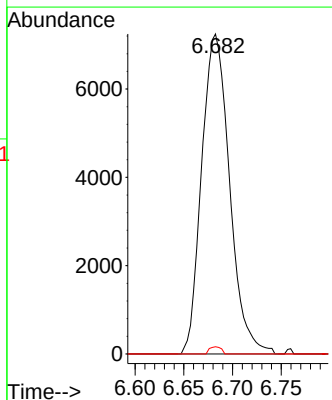
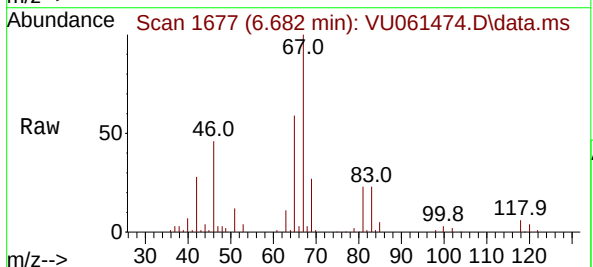
Instrument :  
MSVOA\_U  
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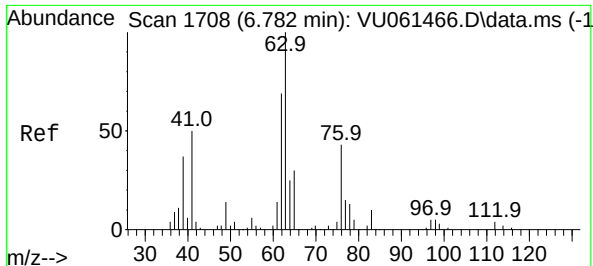
Tgt Ion: 43 Resp: 5653  
Ion Ratio Lower Upper  
43 100  
72 14.6 15.9 47.6#



#35  
Methylcyclohexane  
Concen: 0.818 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.070 min  
Lab File: VU061474.D  
Acq: 06 Nov 2024 01:02

Tgt Ion: 83 Resp: 14464  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.9 83.9#  
98 0.9 35.9 53.9#

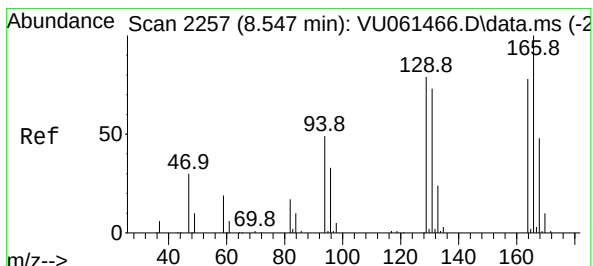
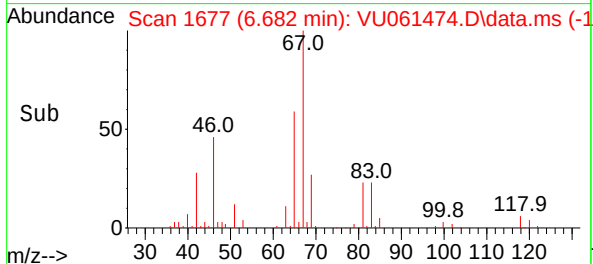
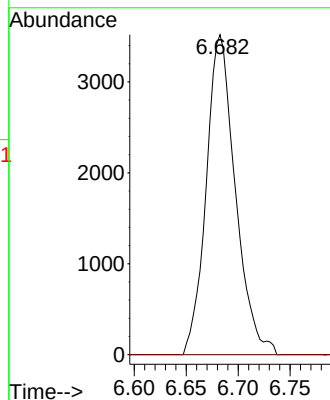
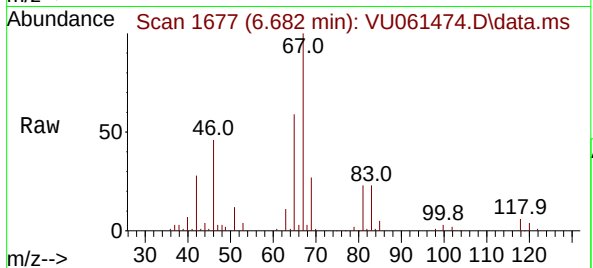




#37  
1,2-Dichloropropane  
Concen: 0.663 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.099 min  
Lab File: VU061474.D  
Acq: 06 Nov 2024 01:02

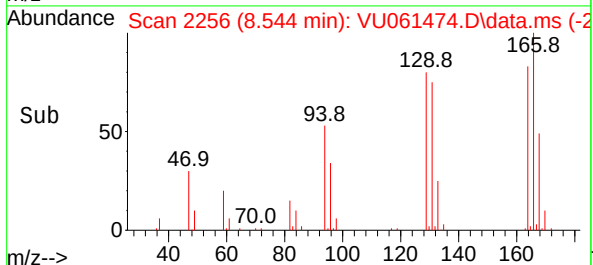
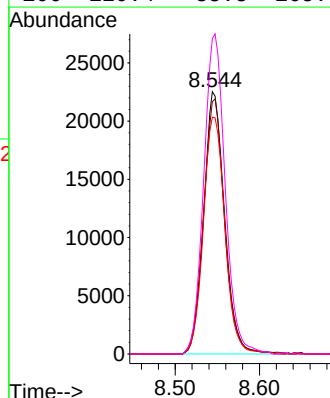
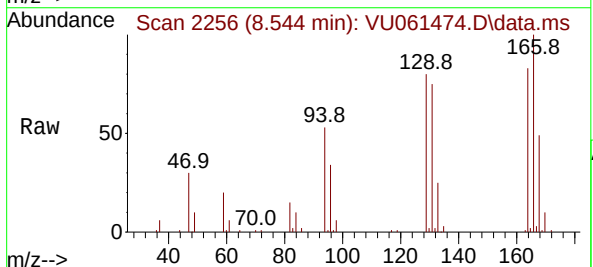
Instrument :  
MSVOA\_U  
ClientSampleId :

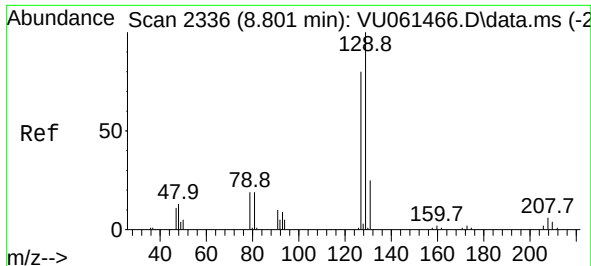
Tgt Ion: 63 Resp: 6864  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#47  
Tetrachloroethene  
Concen: 5.005 ug/L  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.003 min  
Lab File: VU061474.D  
Acq: 06 Nov 2024 01:02

Tgt Ion: 164 Resp: 38833  
Ion Ratio Lower Upper  
164 100  
129 96.2 69.9 129.7  
131 90.3 68.3 126.8  
166 120.4 88.8 165.0





#49

Dibromochloromethane

Concen: 4.524 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061474.D

Acq: 06 Nov 2024 01:02

Instrument :

MSVOA\_U

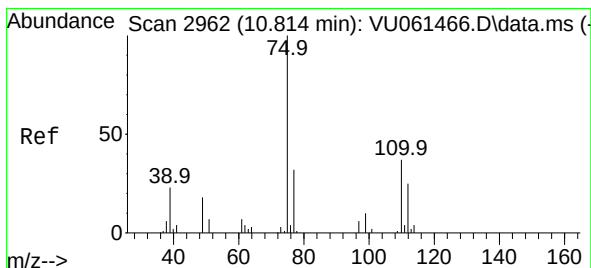
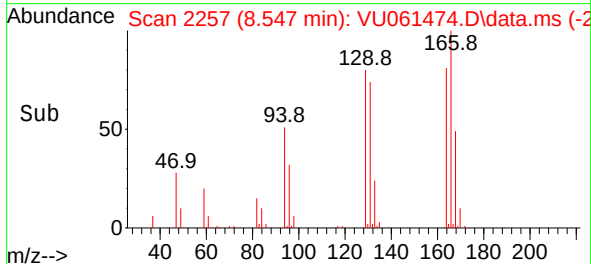
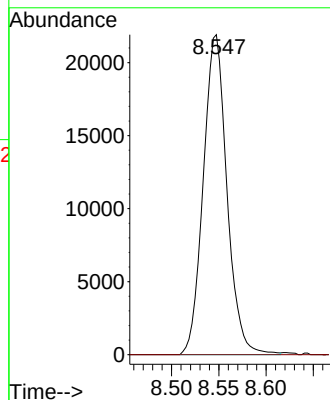
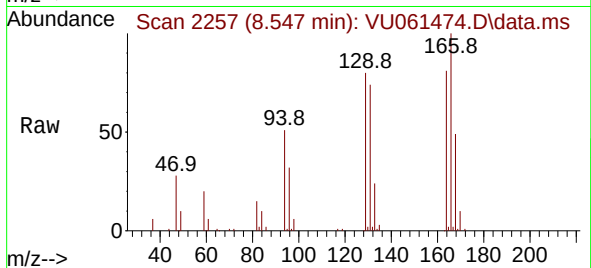
ClientSampleId :

Tgt Ion:129 Resp: 38217

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU061474.D

Acq: 06 Nov 2024 01:02

Tgt Ion: 75 Resp: 7110

Ion Ratio Lower Upper

75 100

110 1.2 28.8 43.2#

77 30.7 25.7 38.5

