

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082724\  
 Data File : VW030055.D  
 Acq On : 27 Aug 2024 20:22  
 Operator : SY/MD  
 Sample : VW0827SBL02  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 28 02:44:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 28 02:43:49 2024  
 Response via : Initial Calibration

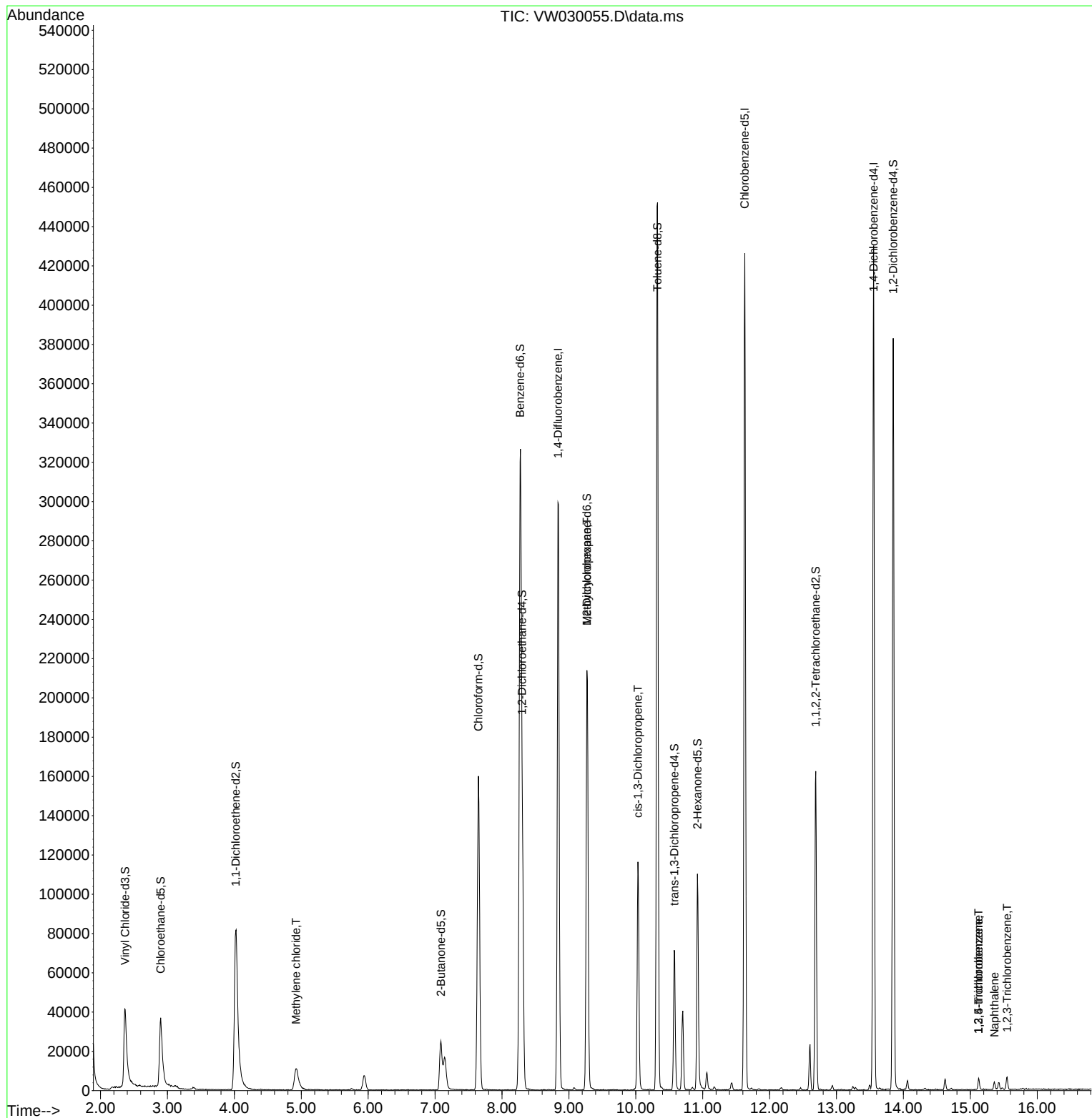
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 247928   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 231451   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 109513   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 74244    | 20.123   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.480%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 58048    | 22.168   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 36827    | 23.363   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 93.440%  |
| 21) 2-Butanone-d5             | 7.087  | 46    | 44131    | 60.004   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 120.000% |
| 24) Chloroform-d              | 7.648  | 84    | 163544   | 24.461   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 91477    | 26.945   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 107.800% |
| 32) Benzene-d6                | 8.270  | 84    | 334168   | 24.460   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 97.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 104777   | 26.177   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.720% |
| 41) Toluene-d8                | 10.325 | 98    | 299962   | 24.123   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.480%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 41409    | 25.150   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 100.600% |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 38045    | 62.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 124.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 85388    | 28.974   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 115.880% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 97469    | 24.606   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 98.440%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.923  | 84    | 11540    | 2.818    | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.270  | 83    | 25190    | 3.852    | ug/L # | 20       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 2853     | 0.494    | ug/L # | 72       |
| 69) 1,3,5-Trichlorobenzene    | 15.122 | 180   | 1910     | 0.393    | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 15.122 | 180   | 1910     | 0.454    | ug/L   | 98       |
| 71) Naphthalene               | 15.360 | 128   | 3393     | 0.422    | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180   | 2067     | 0.560    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

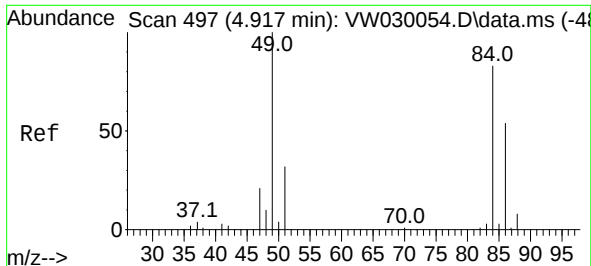
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_W  
ClientSampleId :

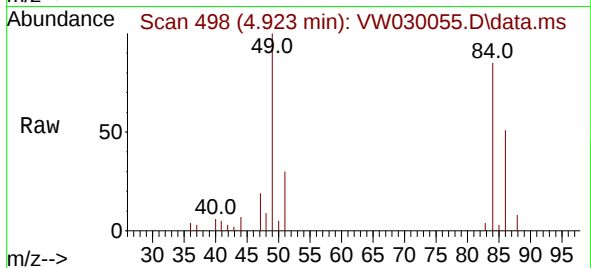
Quant Time: Aug 28 02:44:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 28 02:43:49 2024  
Response via : Initial Calibration



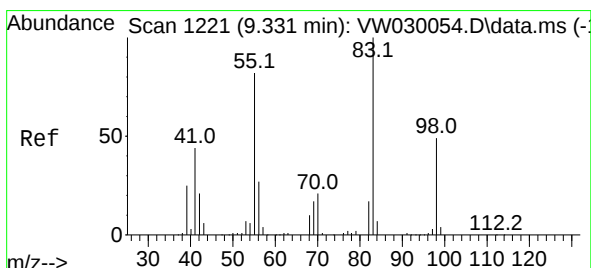
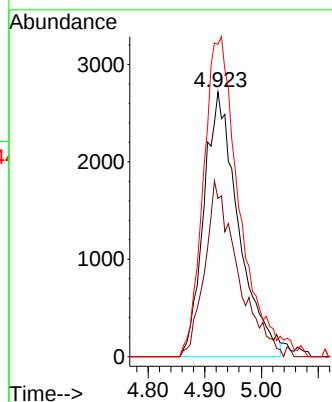
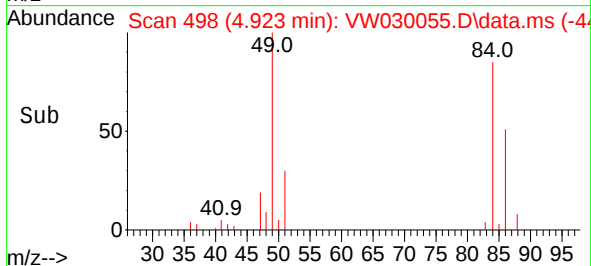


#16  
Methylene chloride  
Concen: 2.818 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW030055.D  
Acq: 27 Aug 2024 20:22

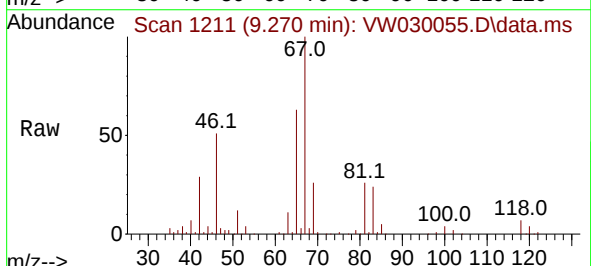
Instrument :  
MSVOA\_W  
ClientSampleId :



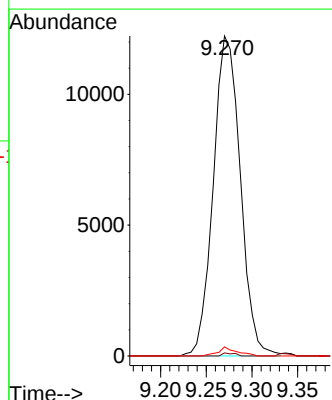
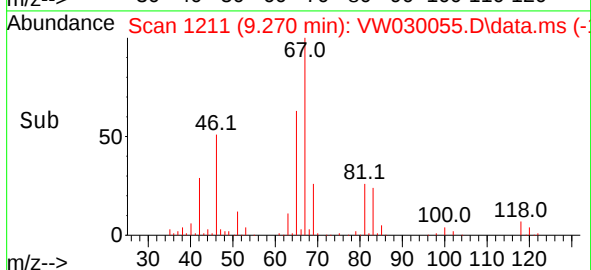
Tgt Ion: 84 Resp: 11540  
Ion Ratio Lower Upper  
84 100  
86 59.8 44.2 82.2  
49 118.1 79.9 148.3

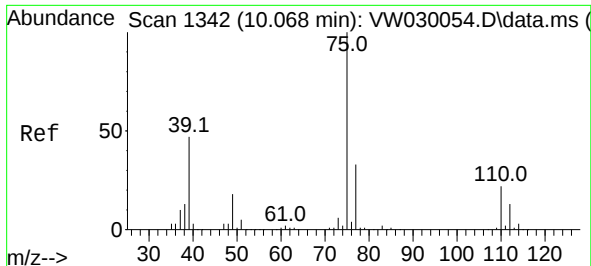


#35  
Methylcyclohexane  
Concen: 3.852 ug/L  
RT: 9.270 min Scan# 1211  
Delta R.T. -0.061 min  
Lab File: VW030055.D  
Acq: 27 Aug 2024 20:22



Tgt Ion: 83 Resp: 25190  
Ion Ratio Lower Upper  
83 100  
55 0.4 59.0 88.6#  
98 1.9 38.2 57.4#





#39

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.032 min Scan# 1

Delta R.T. -0.037 min

Lab File: VW030055.D

Acq: 27 Aug 2024 20:22

Instrument :

MSVOA\_W

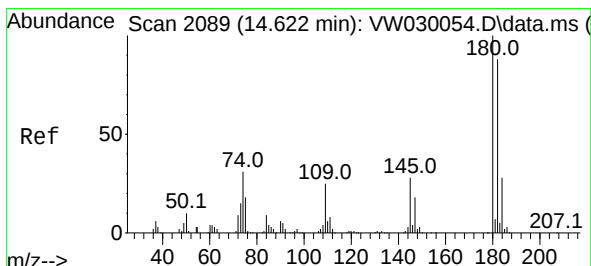
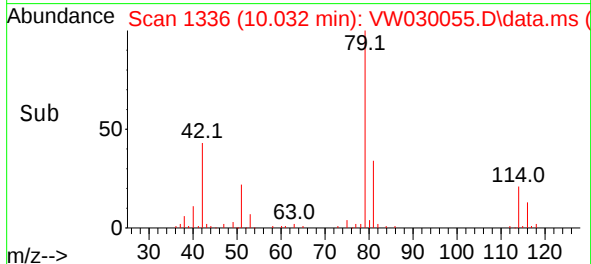
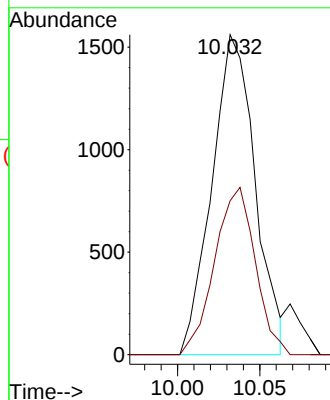
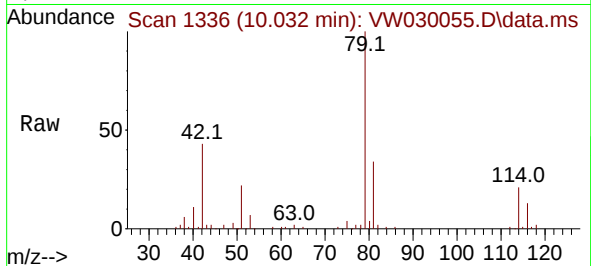
ClientSampleId :

Tgt Ion: 75 Resp: 2853

Ion Ratio Lower Upper

75 100

77 48.1 22.8 42.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.393 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.500 min

Lab File: VW030055.D

Acq: 27 Aug 2024 20:22

Tgt Ion:180 Resp: 1910

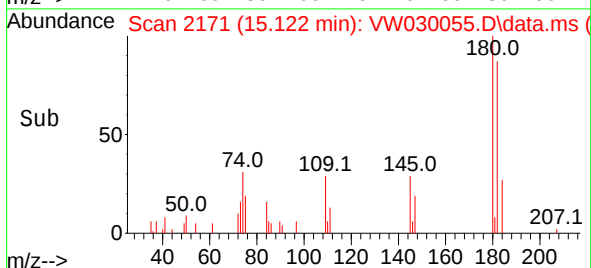
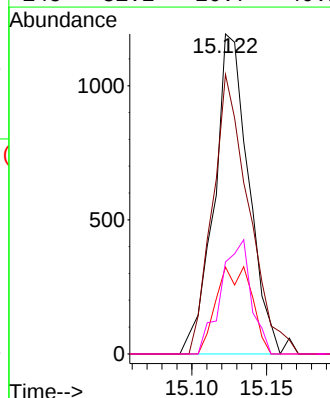
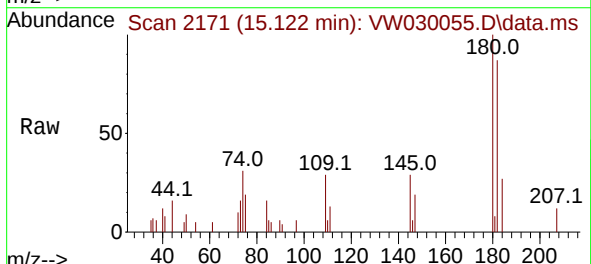
Ion Ratio Lower Upper

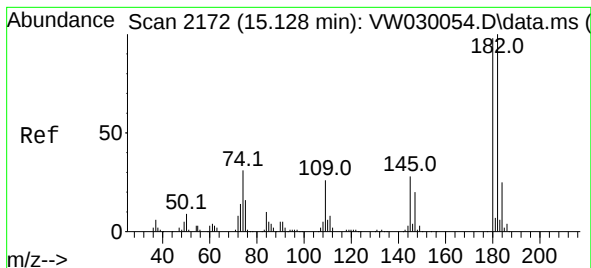
180 100

182 91.4 79.7 119.5

184 28.0 25.1 37.7

145 31.2 26.7 40.1





#70

1,2,4-trichlorobenzene

Concen: 0.454 ug/L

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW030055.D

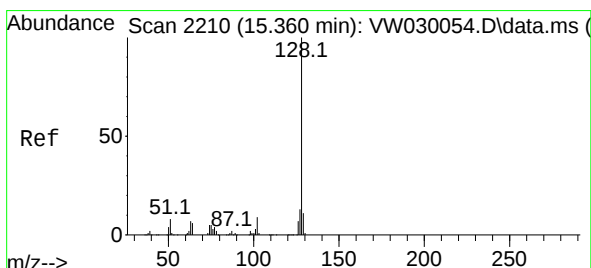
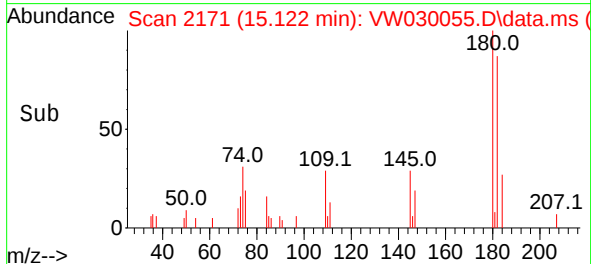
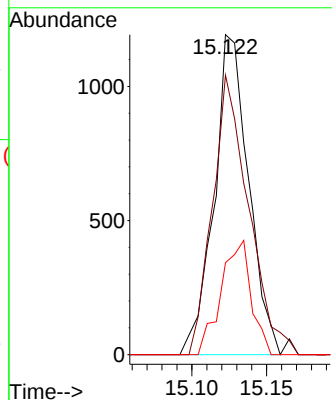
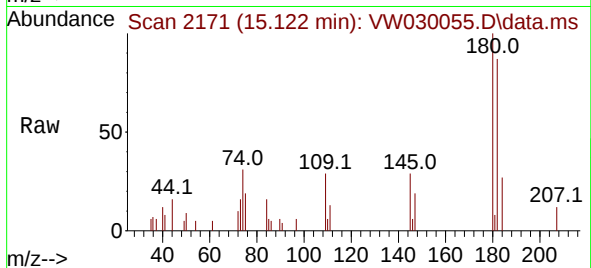
Acq: 27 Aug 2024 20:22

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1910  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.4  | 75.3  | 112.9 |
| 145       | 31.2  | 24.7  | 37.1  |



#71

Naphthalene

Concen: 0.422 ug/L

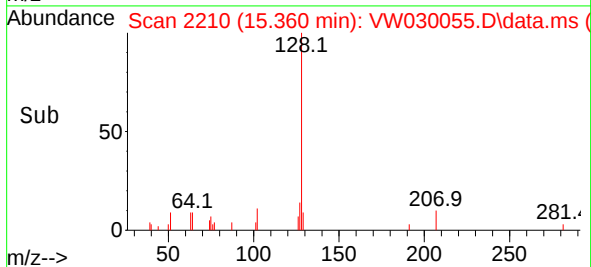
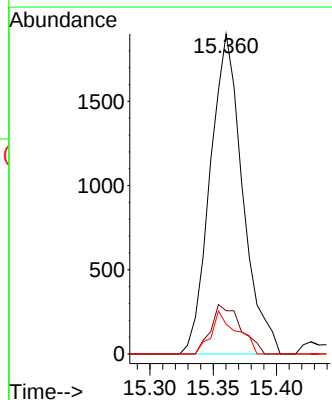
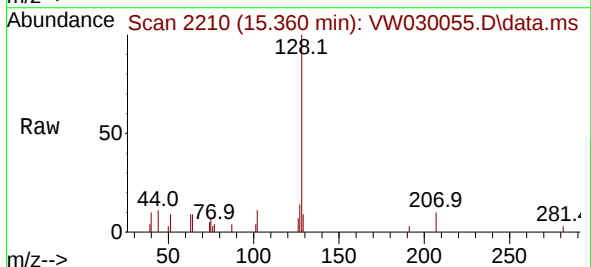
RT: 15.360 min Scan# 2210

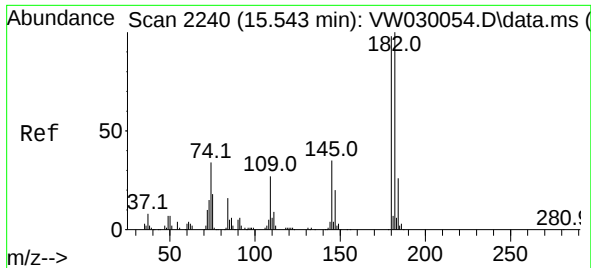
Delta R.T. 0.000 min

Lab File: VW030055.D

Acq: 27 Aug 2024 20:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 3393 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 14.2  | 10.6  | 15.8 |
| 129       | 10.5  | 8.9   | 13.3 |





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.560 ug/L  
 RT: 15.549 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VW030055.D  
 Acq: 27 Aug 2024 20:22

Instrument :  
 MSVOA\_W  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 2067  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.2  | 77.2  | 115.8 |
| 145       | 34.9  | 26.5  | 39.7  |

