

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121923\  
 Data File : VW027795.D  
 Acq On : 19 Dec 2023 22:45  
 Operator : SY/MD  
 Sample : 05869-01  
 Misc : 4.98g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 20 00:50:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

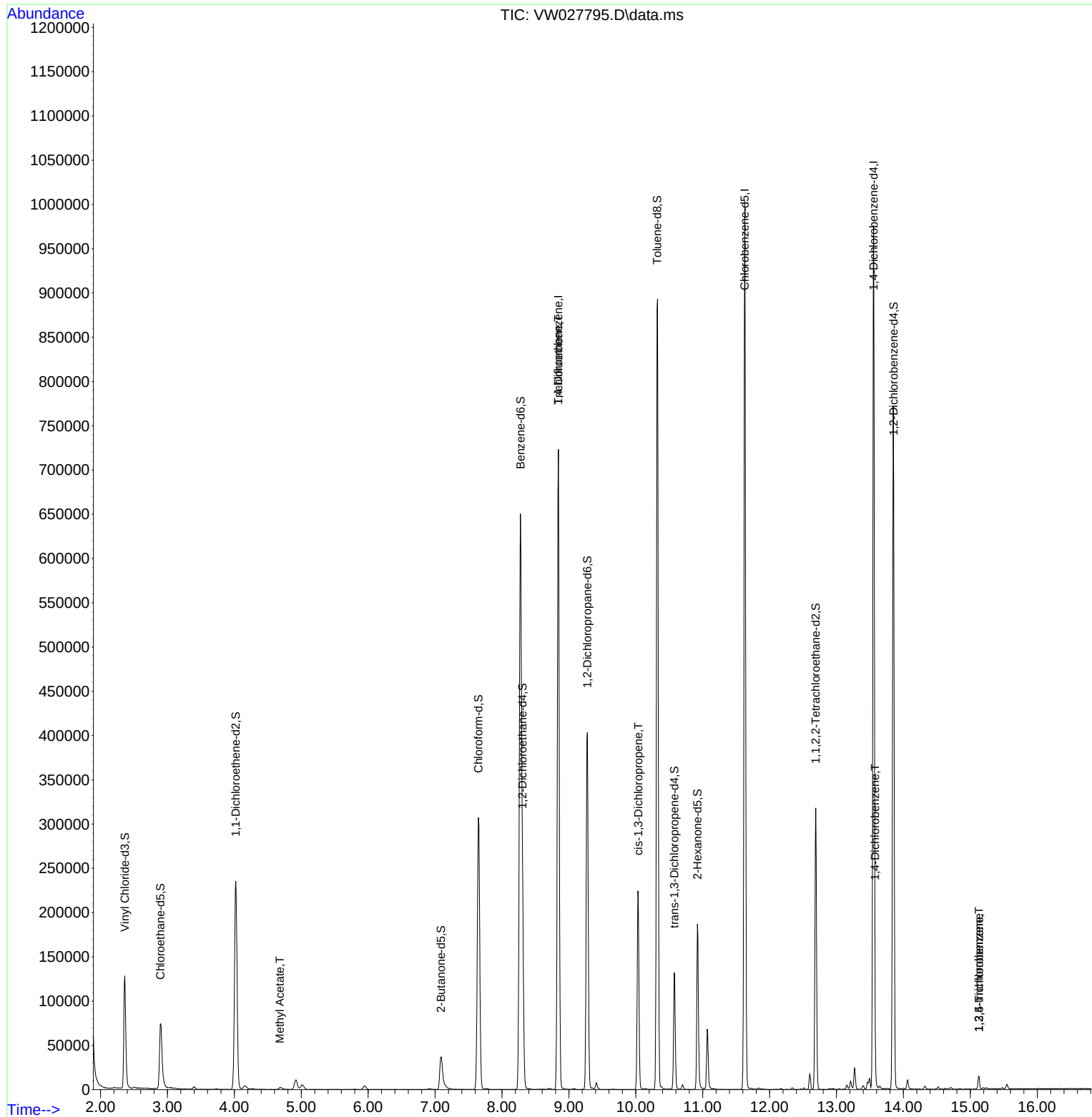
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 656373   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 595654   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 271010   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 163336   | 17.571 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 70.280% |          |
| 7) Chloroethane-d5            | 2.893  | 69             | 119381   | 16.494 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 65.960% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65             | 70572    | 18.956 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 75.840% |          |
| 21) 2-Butanone-d5             | 7.087  | 46             | 66557    | 42.047 | ug/L    | -0.01    |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 84.100% |          |
| 24) Chloroform-d              | 7.648  | 84             | 333288   | 21.339 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 85.360% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 161578   | 22.033 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 88.120% |          |
| 32) Benzene-d6                | 8.276  | 84             | 724440   | 20.810 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 83.240% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67             | 206110   | 20.898 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 83.600% |          |
| 41) Toluene-d8                | 10.318 | 98             | 641946   | 19.875 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 79.520% |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 77444    | 20.281 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 81.120% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 69732    | 48.518 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 97.040% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 165350   | 22.170 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 88.680% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152            | 209081   | 21.553 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 86.200% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 15) Methyl Acetate            | 4.679  | 43             | 4561     | 1.757  | ug/L #  | 83       |
| 34) Trichloroethene           | 8.843  | 95             | 18158    | 1.929  | ug/L #  | 3        |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75             | 5012     | 0.395  | ug/L #  | 62       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146            | 11647    | 0.702  | ug/L    | 94       |
| 69) 1,3,5-Trichlorobenzene    | 15.129 | 180            | 5132     | 0.446  | ug/L    | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180            | 5132     | 0.543  | ug/L    | 91       |
| -----                         |        |                |          |        |         |          |

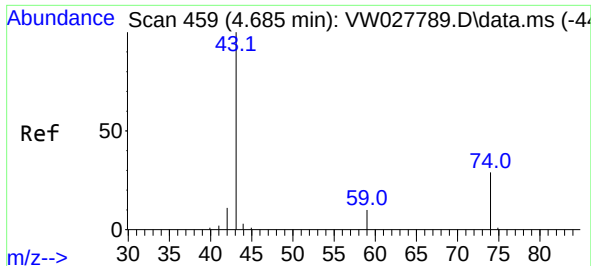
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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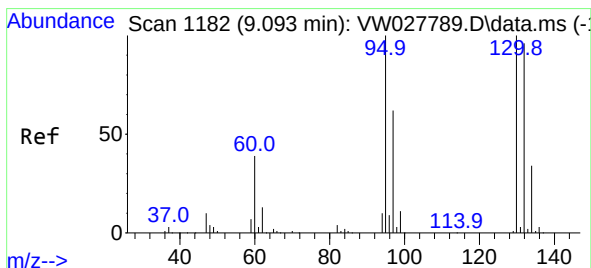
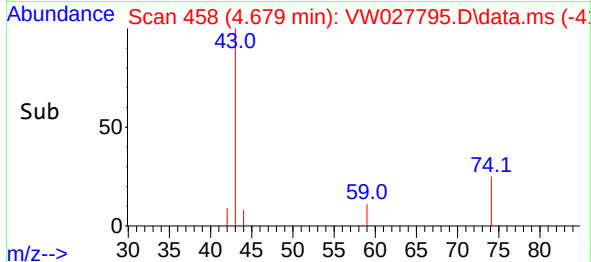
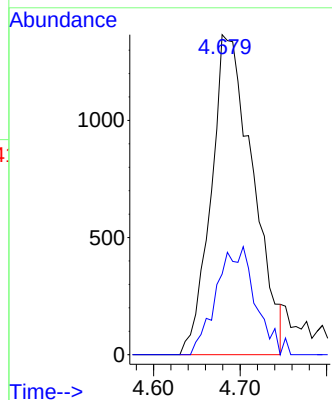
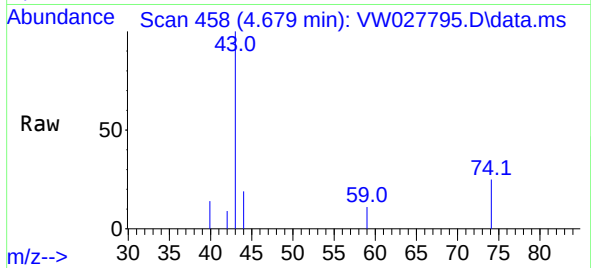




#15  
Methyl Acetate  
Concen: 1.757 ug/L  
RT: 4.679 min Scan# 41  
Delta R.T. -0.019 min  
Lab File: VW027795.D  
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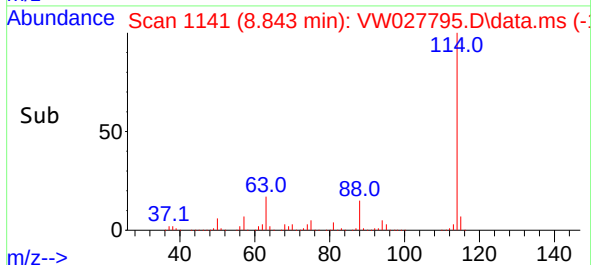
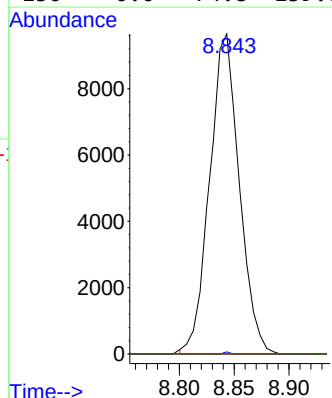
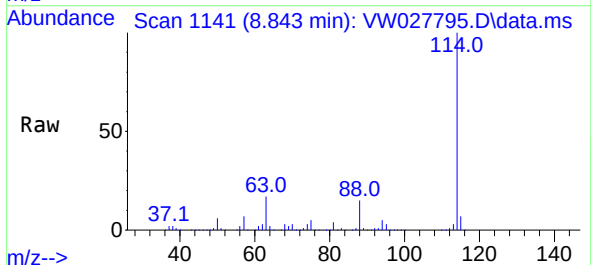
Instrument :  
MSVOA\_W  
ClientSampleId :

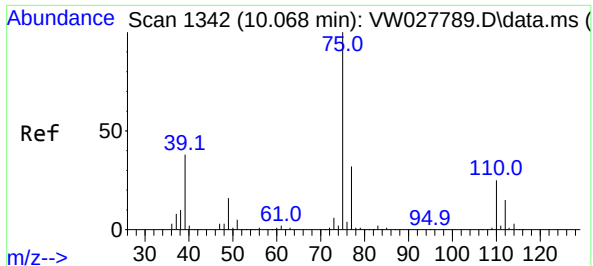
Tgt Ion: 43 Resp: 4561  
Ion Ratio Lower Upper  
43 100  
74 18.5 22.1 33.1#



#34  
Trichloroethene  
Concen: 1.929 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.244 min  
Lab File: VW027795.D  
Acq: 19 Dec 2023 22:45

Tgt Ion: 95 Resp: 18158  
Ion Ratio Lower Upper  
95 100  
97 0.6 45.9 85.3#  
132 0.0 70.4 130.8#  
130 0.0 74.8 139.0#





#39

cis-1,3-Dichloropropene

Concen: 0.395 ug/L

RT: 10.038 min Scan# 11

Delta R.T. -0.031 min

Lab File: VW027795.D

Acq: 19 Dec 2023 22:45

Instrument :

MSVOA\_W

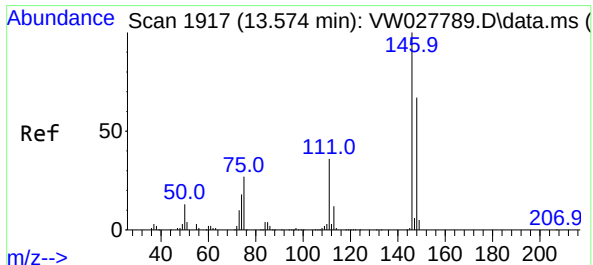
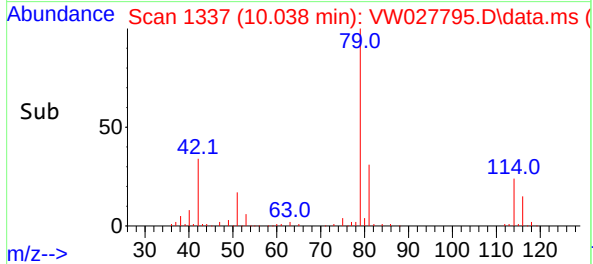
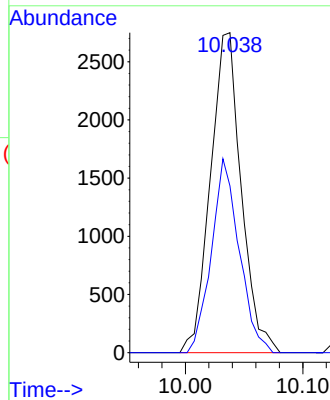
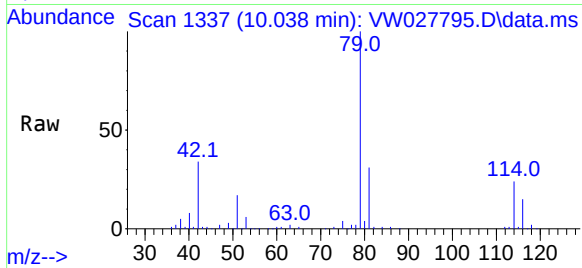
ClientSampleId :

Tgt Ion: 75 Resp: 5012

Ion Ratio Lower Upper

75 100

77 52.1 21.8 40.6#



#65

1,4-Dichlorobenzene

Concen: 0.702 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027795.D

Acq: 19 Dec 2023 22:45

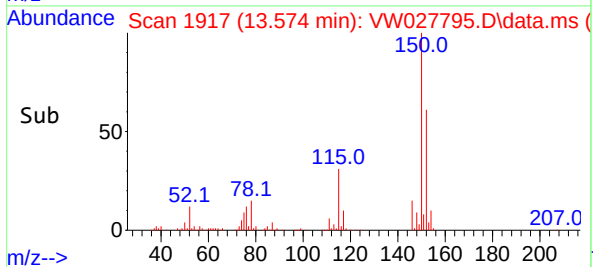
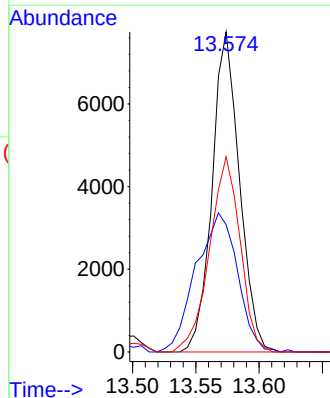
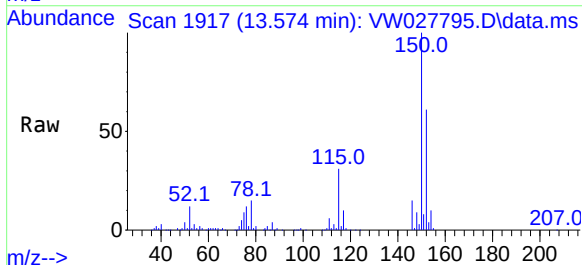
Tgt Ion:146 Resp: 11647

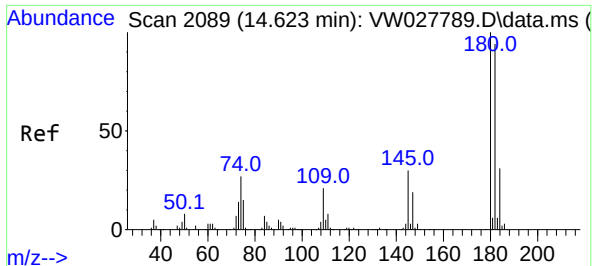
Ion Ratio Lower Upper

146 100

111 39.8 26.2 48.6

148 61.0 46.3 85.9





#69

1,3,5-Trichlorobenzene

Concen: 0.446 ug/L

RT: 15.129 min Scan# 2112

Delta R.T. 0.512 min

Lab File: VW027795.D

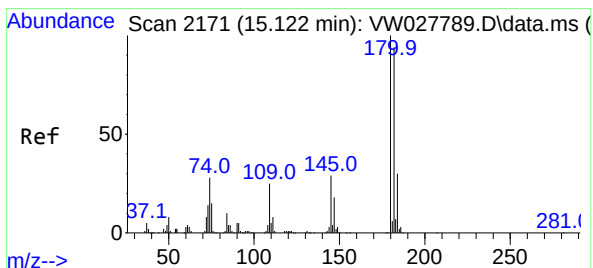
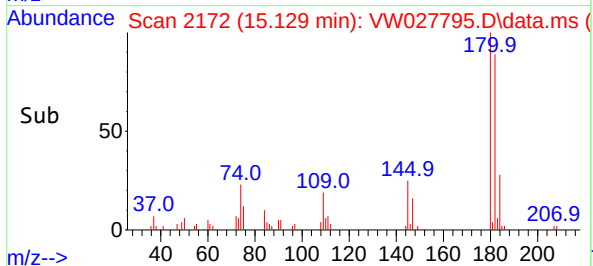
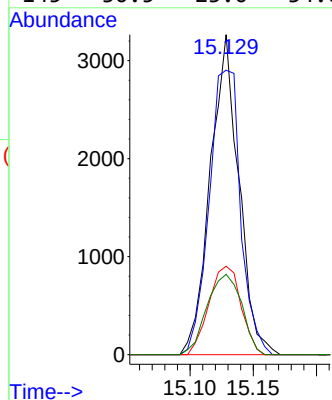
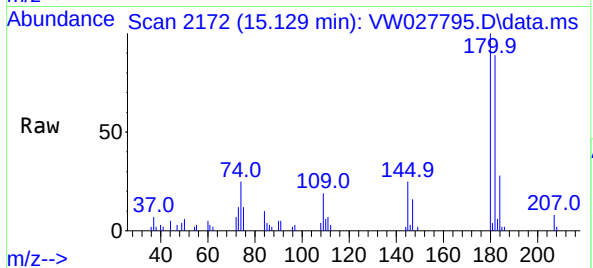
Acq: 19 Dec 2023 22:45

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 5132       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 97.5  | 72.6 109.0 |
| 184         | 31.0  | 23.0 34.6  |
| 145         | 30.5  | 23.0 34.6  |



#70

1,2,4-trichlorobenzene

Concen: 0.543 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027795.D

Acq: 19 Dec 2023 22:45

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 5132       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 97.5  | 69.7 104.5 |
| 145         | 30.5  | 24.1 36.1  |

