

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121924\  
 Data File : VW031395.D  
 Acq On : 19 Dec 2024 19:44  
 Operator : SY/MD  
 Sample : VW1219SBL02  
 Misc : 5.12g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 20 03:09:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 20 03:08:41 2024  
 Response via : Initial Calibration

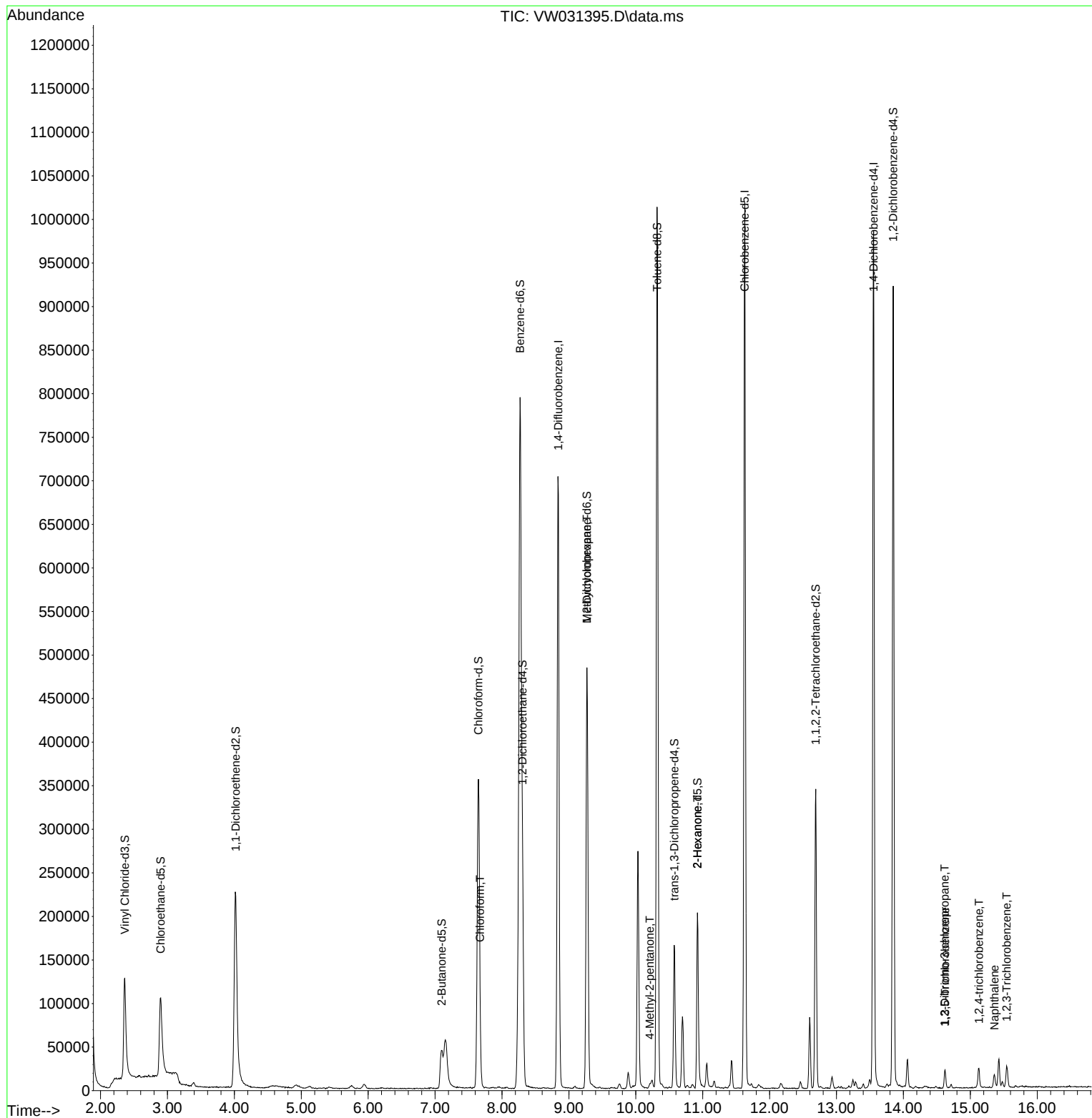
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 594219     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 534873     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555         | 152  | 260175     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362          | 65   | 182865     | 20.453   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.800%  |        |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 150979     | 22.828   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.320%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 82794      | 19.522   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.080%  |        |          |
| 21) 2-Butanone-d5             | 7.099          | 46   | 89998      | 53.451   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 106.900% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 364714     | 22.401   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.306          | 65   | 208142     | 25.456   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 101.840% |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 736051     | 21.470   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.880%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 218944     | 21.913   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.640%  |        |          |
| 41) Toluene-d8                | 10.318         | 98   | 676783     | 21.221   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.880%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.574         | 79   | 91866      | 19.941   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 79.760%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 68978      | 51.336   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 102.680% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 168216     | 26.815   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 107.240% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 227102     | 23.513   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.040%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 25) Chloroform                | 7.672          | 83   | 10211      | 0.705    | ug/L   | 89       |
| 35) Methylcyclohexane         | 9.270          | 83   | 54620      | 3.361    | ug/L # | 19       |
| 40) 4-Methyl-2-pentanone      | 10.209         | 43   | 4540       | 1.038    | ug/L # | 91       |
| 48) 2-Hexanone                | 10.922         | 43   | 8825       | 2.372    | ug/L # | 69       |
| 68) 1,2-Dibromo-3-chloropr... | 14.616         | 75   | 1597       | 1.414    | ug/L # | 9        |
| 69) 1,3,5-Trichlorobenzene    | 14.622         | 180  | 5914       | 0.490    | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.128         | 180  | 6708       | 0.667    | ug/L   | 95       |
| 71) Naphthalene               | 15.360         | 128  | 12805      | 0.727    | ug/L   | 96       |
| 72) 1,2,3-Trichlorobenzene    | 15.543         | 180  | 7728       | 0.954    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

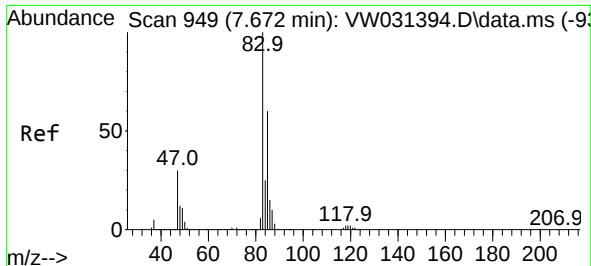
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121924\  
Data File : VW031395.D  
Acq On : 19 Dec 2024 19:44  
Operator : SY/MD  
Sample : VW1219SBL02  
Misc : 5.12g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Dec 20 03:09:32 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Dec 20 03:08:41 2024  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.705 ug/L

RT: 7.672 min Scan# 949

Delta R.T. 0.000 min

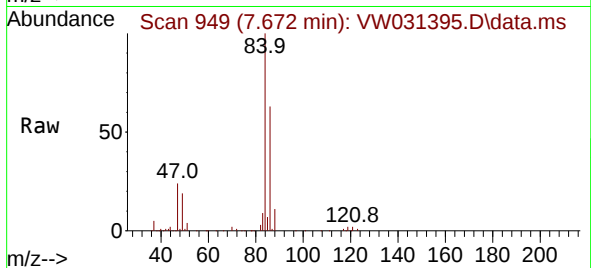
Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

Instrument :

MSVOA\_W

ClientSampleId :

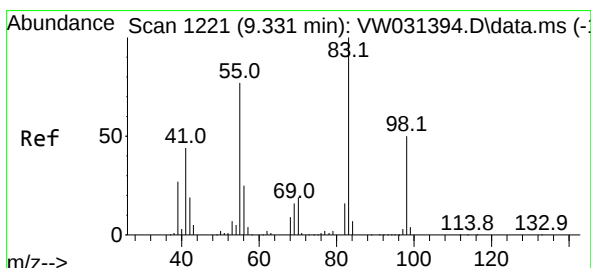
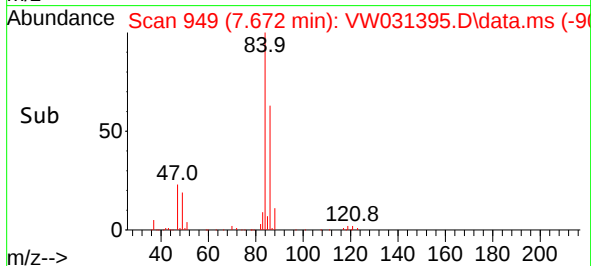
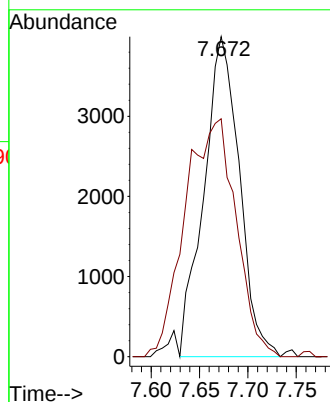


Tgt Ion: 83 Resp: 10211

Ion Ratio Lower Upper

83 100

85 74.3 46.1 85.5



#35

Methylcyclohexane

Concen: 3.361 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

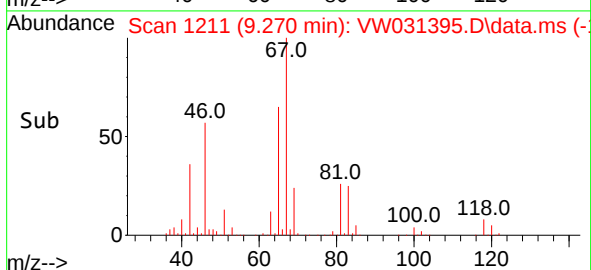
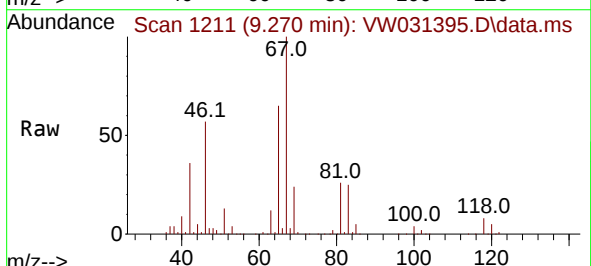
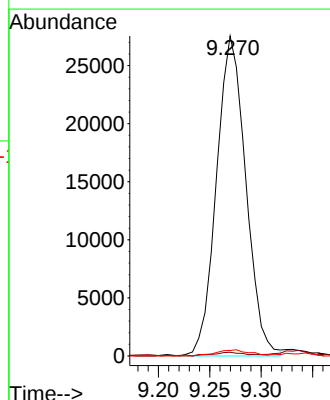
Tgt Ion: 83 Resp: 54620

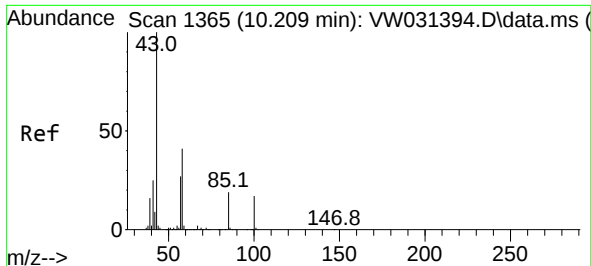
Ion Ratio Lower Upper

83 100

55 0.9 62.6 93.8#

98 1.8 39.8 59.6#





#40

4-Methyl-2-pentanone

Concen: 1.038 ug/L

RT: 10.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031395.D

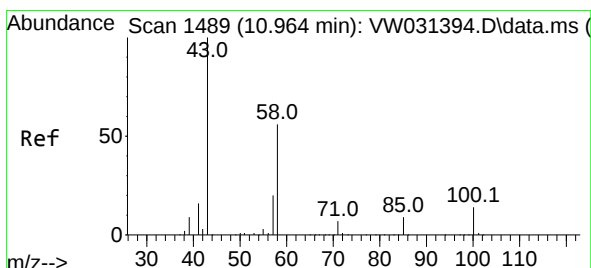
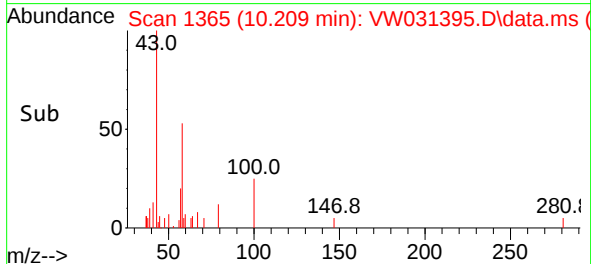
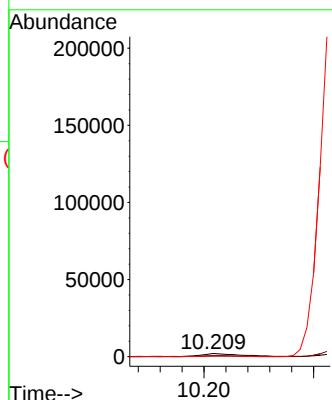
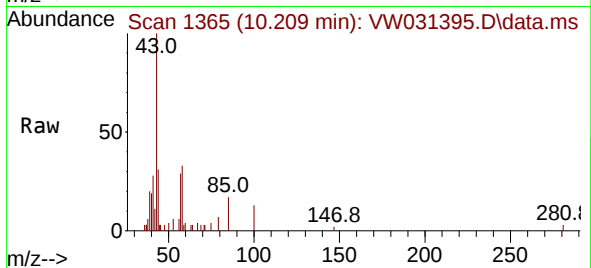
Acq: 19 Dec 2024 19:44

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4540  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 42.9  | 31.1  | 46.7  |
| 100      | 10.7  | 13.0  | 19.6# |



#48

2-Hexanone

Concen: 2.372 ug/L

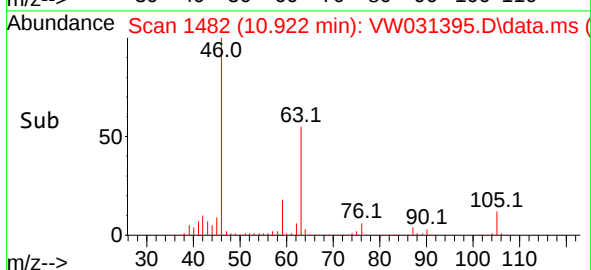
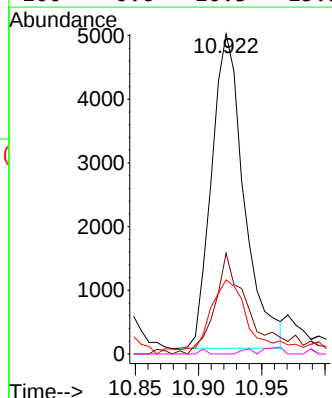
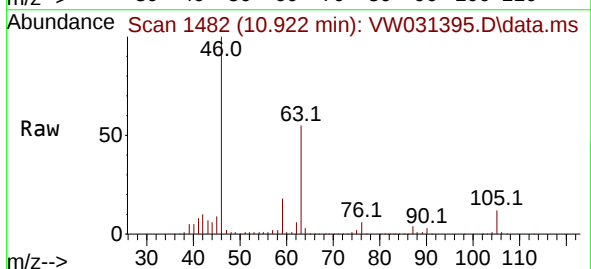
RT: 10.922 min Scan# 1482

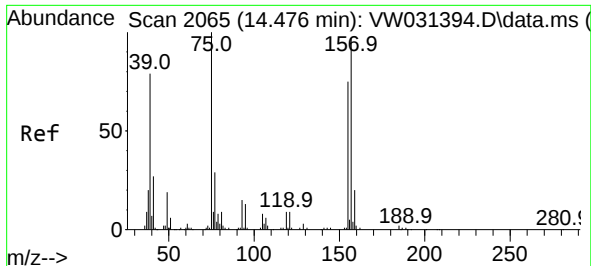
Delta R.T. -0.043 min

Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8825  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.7  | 43.0  | 64.6# |
| 57       | 28.2  | 15.7  | 23.5# |
| 100      | 0.6   | 10.3  | 15.5# |





#68

1,2-Dibromo-3-chloropropane

Concen: 1.414 ug/L

RT: 14.616 min Scan# 2065

Delta R.T. 0.140 min

Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

Instrument :

MSVOA\_W

ClientSampleId :

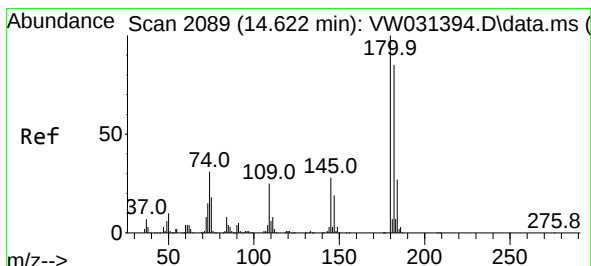
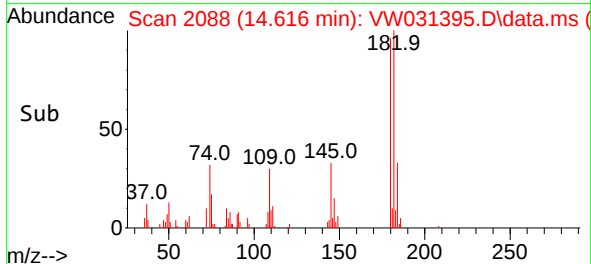
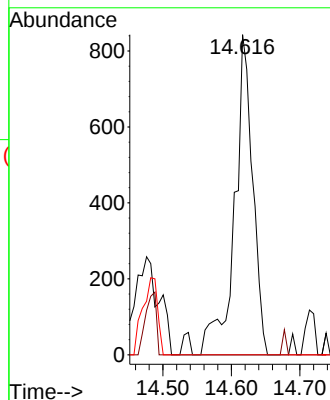
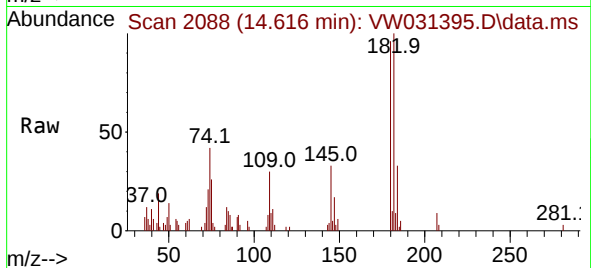
Tgt Ion: 75 Resp: 1597

Ion Ratio Lower Upper

75 100

155 0.0 56.6 85.0#

157 0.0 71.2 106.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.490 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

Tgt Ion:180 Resp: 5914

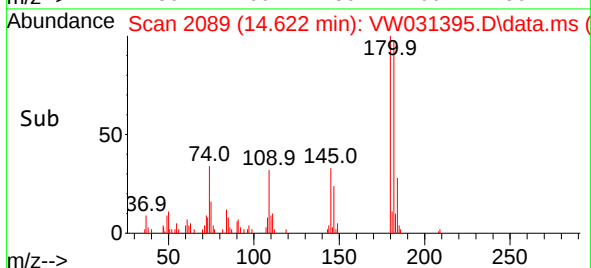
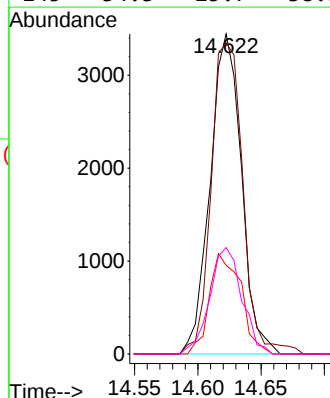
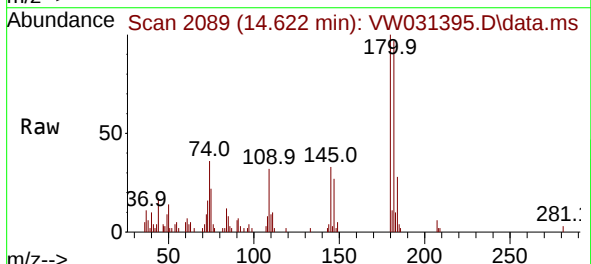
Ion Ratio Lower Upper

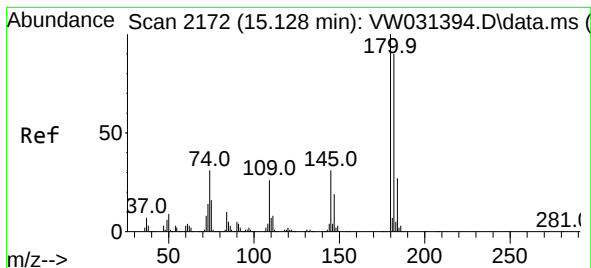
180 100

182 96.3 75.0 112.4

184 31.7 24.6 36.8

145 34.3 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 0.667 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031395.D

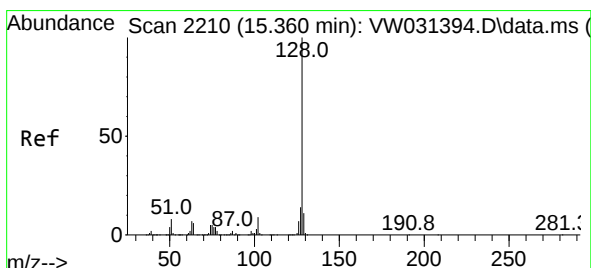
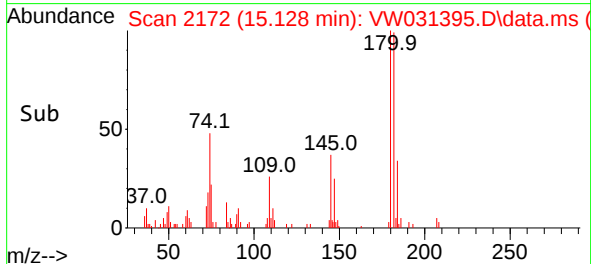
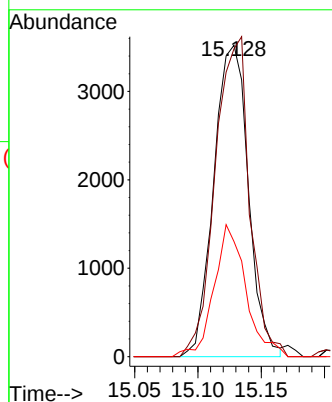
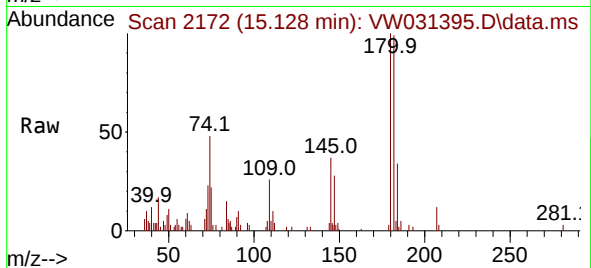
Acq: 19 Dec 2024 19:44

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 6708  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 101.6 | 78.2  | 117.2 |
| 145       | 37.8  | 26.7  | 40.1  |



#71

Naphthalene

Concen: 0.727 ug/L

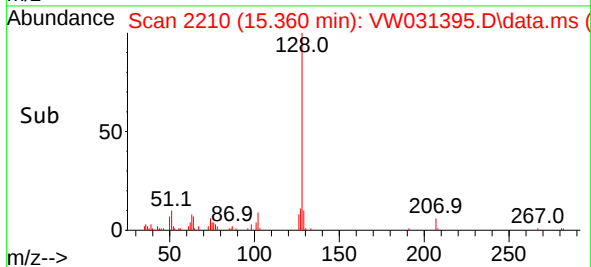
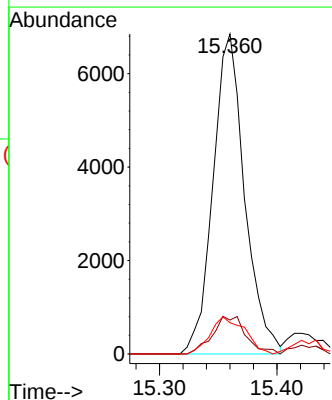
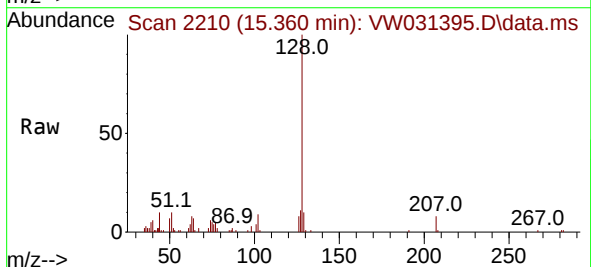
RT: 15.360 min Scan# 2210

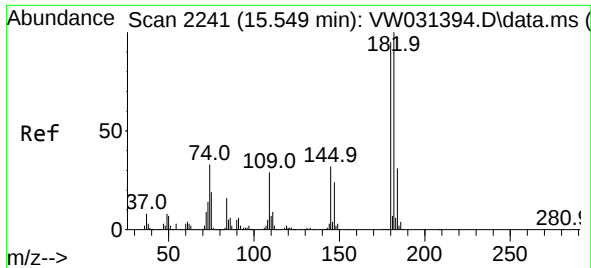
Delta R.T. 0.000 min

Lab File: VW031395.D

Acq: 19 Dec 2024 19:44

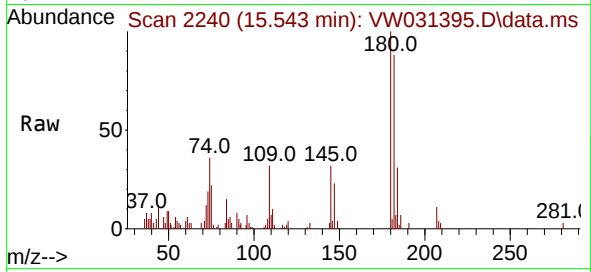
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 12805 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.2  | 10.7  | 16.1  |
| 129       | 12.7  | 8.6   | 13.0  |





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.954 ug/L  
 RT: 15.543 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VW031395.D  
 Acq: 19 Dec 2024 19:44

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 7728  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.6  | 75.0  | 112.4 |
| 145      | 35.7  | 27.8  | 41.6  |

