

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012622\  
 Data File : VW024446.D  
 Acq On : 26 Jan 2022 17:56  
 Operator : SY/MD  
 Sample : N1275-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 27 03:52:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 27 01:56:16 2022  
 Response via : Initial Calibration

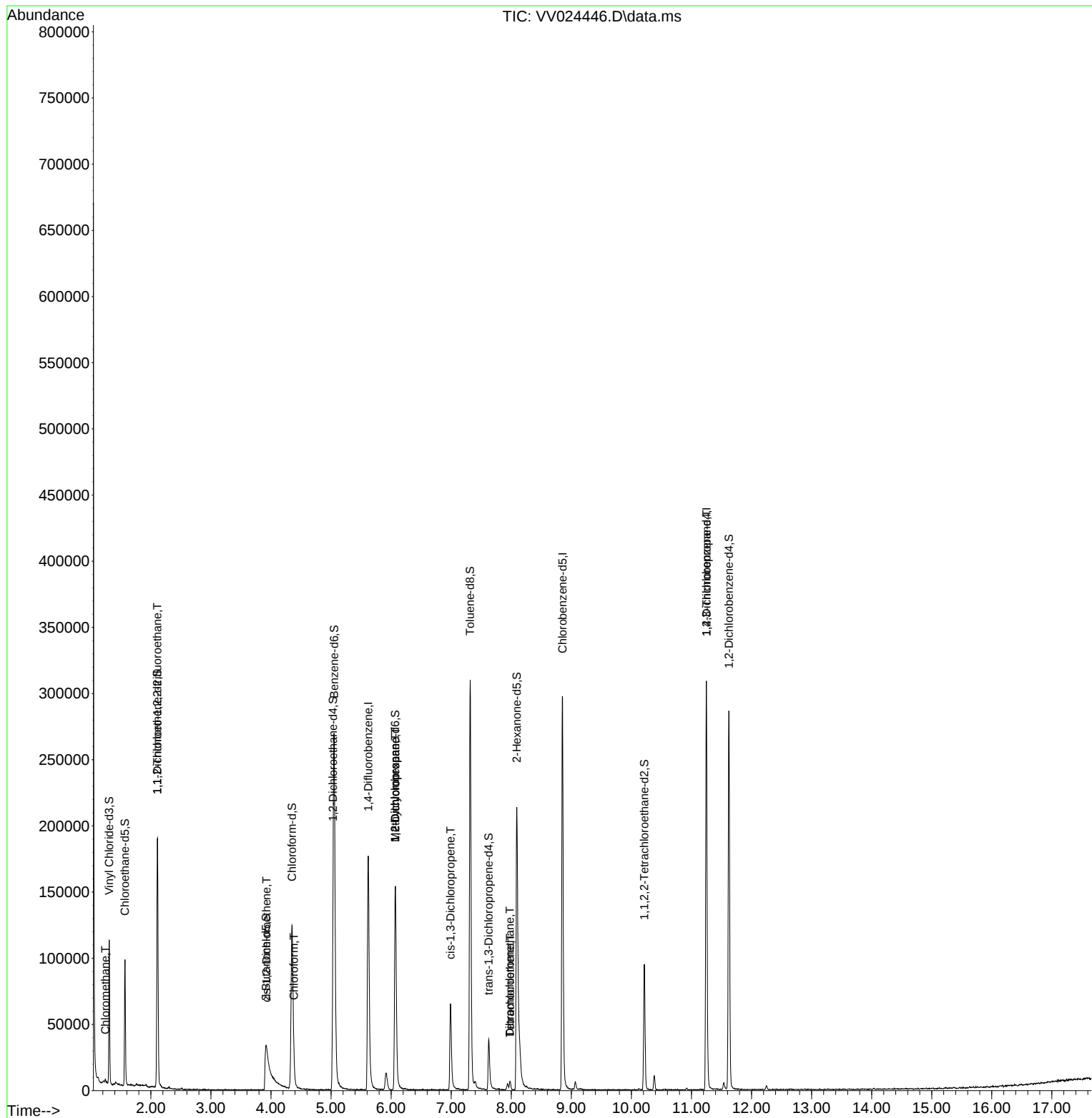
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 159348   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 170419   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 83746    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 65916    | 4.722  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 94.400%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 61117    | 5.019  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 100.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 100188   | 3.755  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 75.000%  |          |
| 20) 2-Butanone-d5             | 3.918  | 46             | 91441    | 41.098 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 82.200%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 133700   | 5.047  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 61686    | 5.141  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 102.800% |          |
| 32) Benzene-d6                | 5.053  | 84             | 246565   | 4.844  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 78408    | 4.892  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 209404   | 4.484  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 24876    | 4.520  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.400%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 86870    | 46.162 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.320%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 46854    | 4.912  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 78680    | 5.479  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 109.600% |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.243  | 50             | 1353     | 0.083  | ug/L #   | 76       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101            | 1180     | 0.093  | ug/L #   | 17       |
| 22) cis-1,2-Dichloroethene    | 3.925  | 96             | 335      | 0.029  | ug/L     | 69       |
| 25) Chloroform                | 4.381  | 83             | 4402     | 0.181  | ug/L     | 81       |
| 35) Methylcyclohexane         | 6.069  | 83             | 19689    | 1.035  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 8538     | 0.762  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1971     | 0.131  | ug/L     | 90       |
| 47) Tetrachloroethene         | 7.982  | 164            | 1616     | 0.159  | ug/L     | 89       |
| 49) Dibromochloromethane      | 7.979  | 129            | 1516     | 0.161  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 9202     | 1.773  | ug/L #   | 64       |

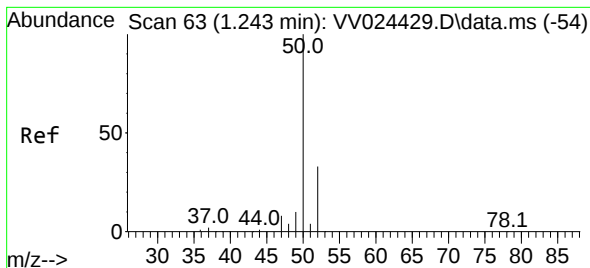
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 27 01:56:16 2022  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.243 min Scan# 61

Delta R.T. -0.000 min

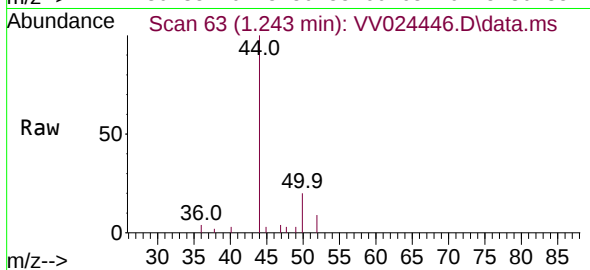
Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

Instrument :

MSVOA\_V

ClientSampleId :

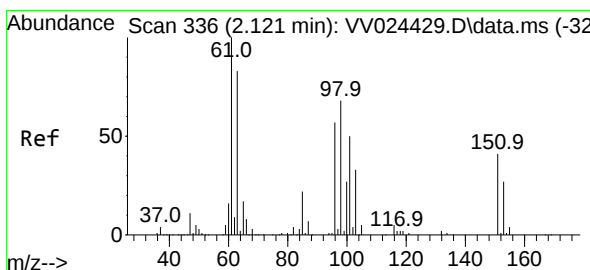
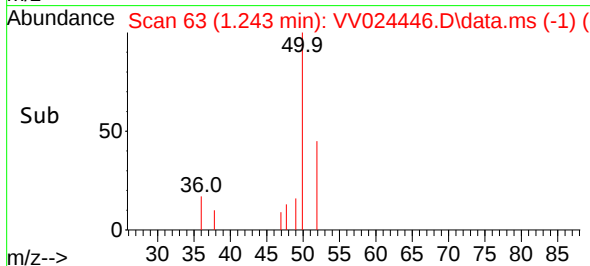
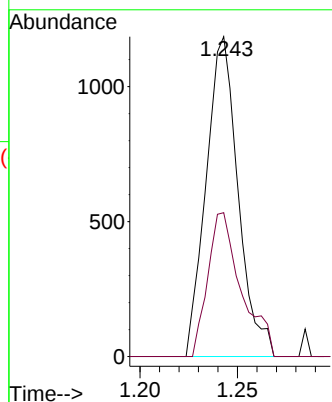


Tgt Ion: 50 Resp: 1353

Ion Ratio Lower Upper

50 100

52 45.0 22.0 41.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.013 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

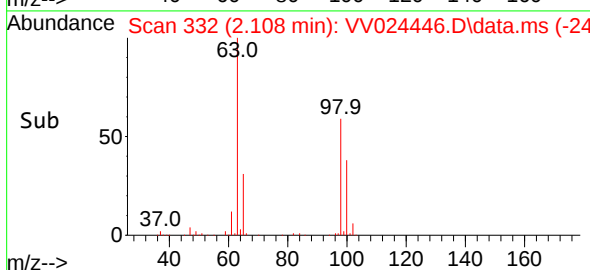
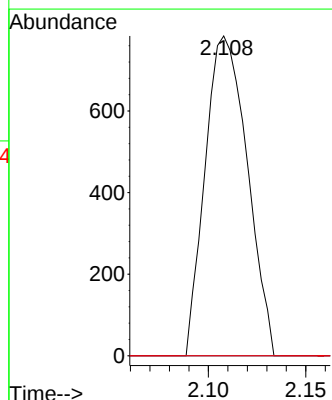
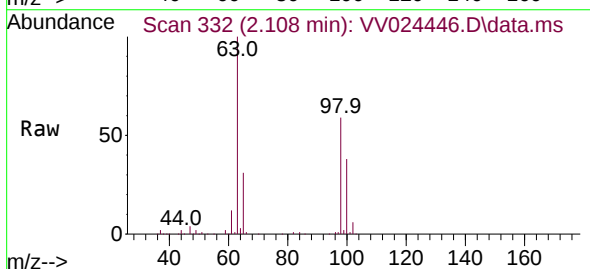
Tgt Ion: 101 Resp: 1180

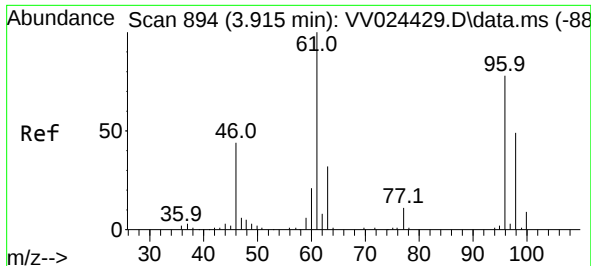
Ion Ratio Lower Upper

101 100

85 1.7 36.0 54.0#

151 0.0 66.4 99.6#





#22

cis-1,2-Dichloroethene

Concen: 0.029 ug/L

RT: 3.925 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV024446.D

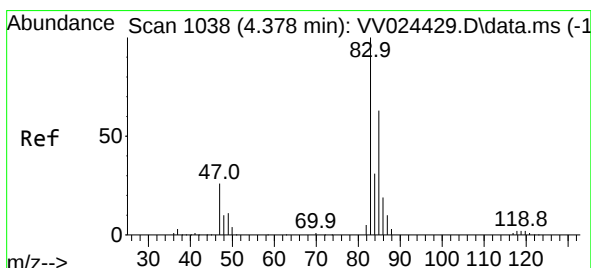
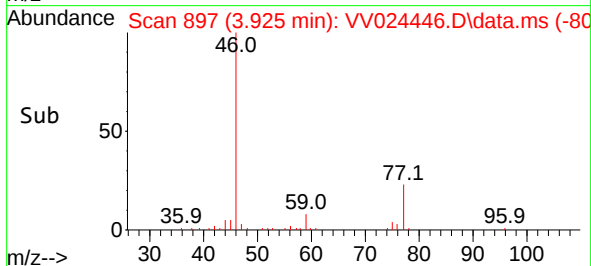
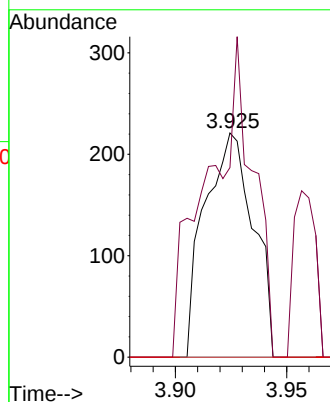
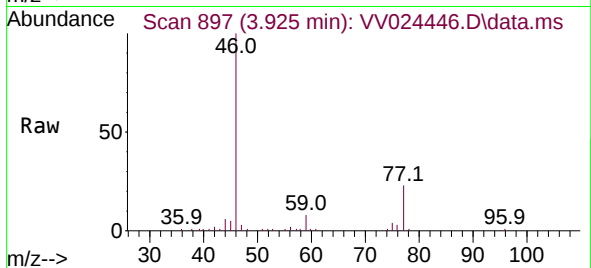
Acq: 26 Jan 2022 17:56

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 335   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 84.6  | 83.4  | 154.8 |
| 68       | 0.0   | 0.0   | 0.0   |



#25

Chloroform

Concen: 0.181 ug/L

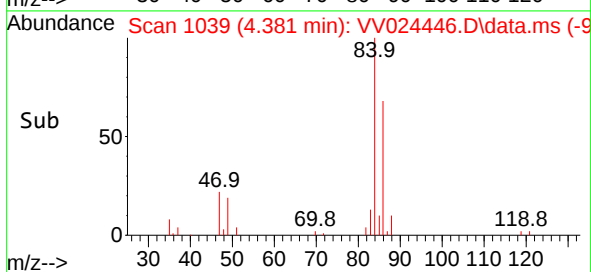
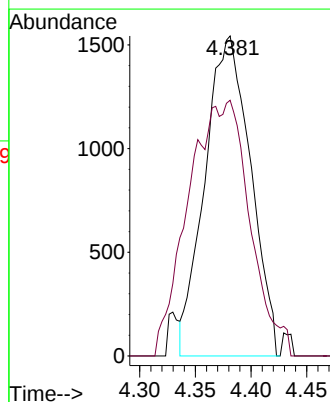
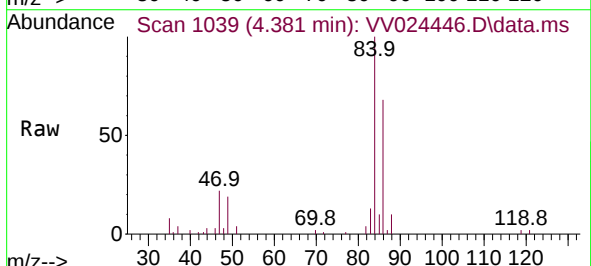
RT: 4.381 min Scan# 1039

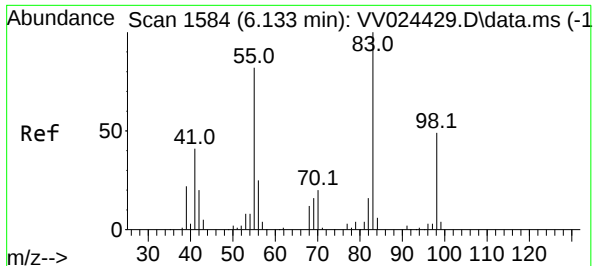
Delta R.T. 0.003 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4402  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 79.9  | 45.2  | 84.0  |





#35

Methylcyclohexane

Concen: 1.035 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV024446.D

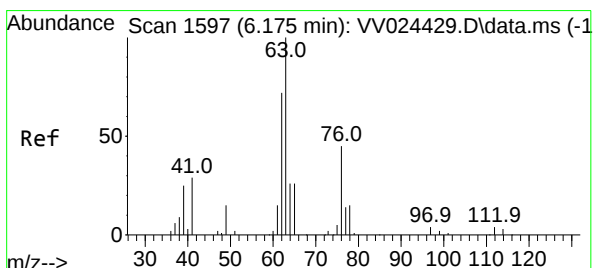
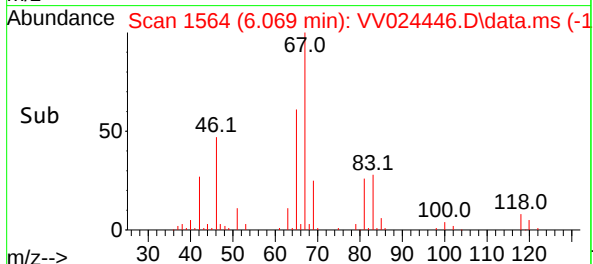
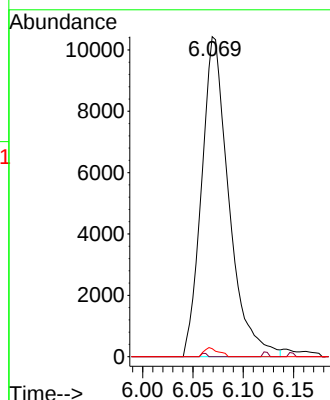
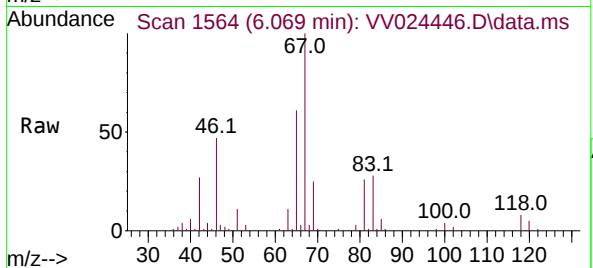
Acq: 26 Jan 2022 17:56

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 19689 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.2   | 60.2  | 90.2# |
| 98       | 1.5   | 41.0  | 61.4# |



#37

1,2-Dichloropropane

Concen: 0.762 ug/L

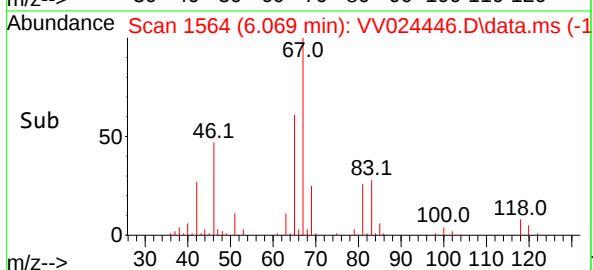
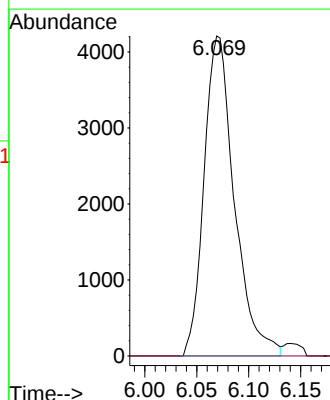
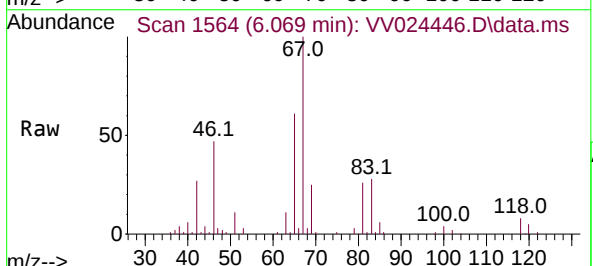
RT: 6.069 min Scan# 1564

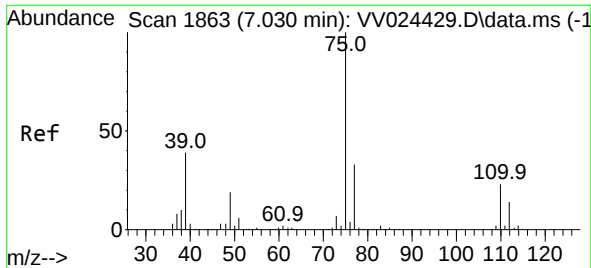
Delta R.T. -0.106 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 8538  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.2   | 4.3   | 6.5#  |





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.041 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

Instrument :

MSVOA\_V

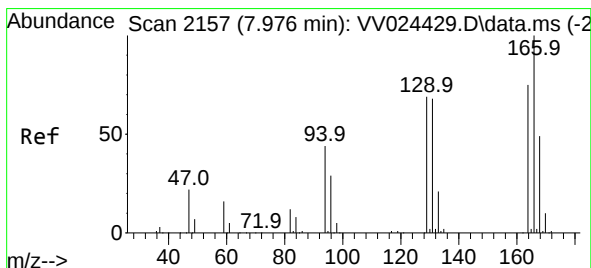
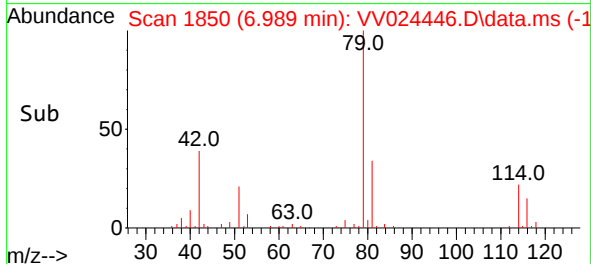
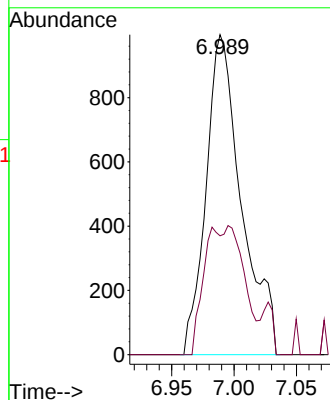
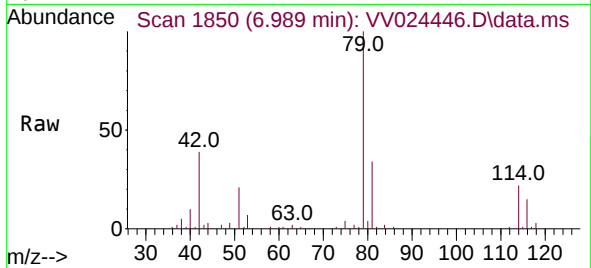
ClientSampleId :

Tgt Ion: 75 Resp: 1971

Ion Ratio Lower Upper

75 100

77 37.1 22.0 41.0



#47

Tetrachloroethene

Concen: 0.159 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

Tgt Ion: 164 Resp: 1616

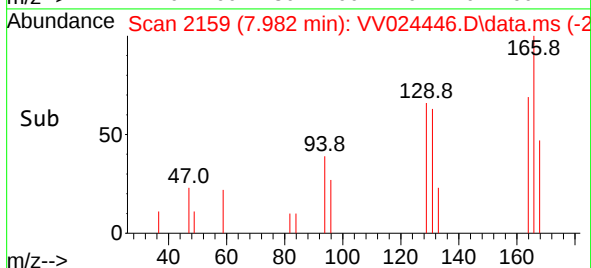
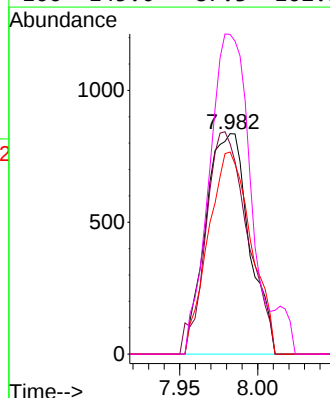
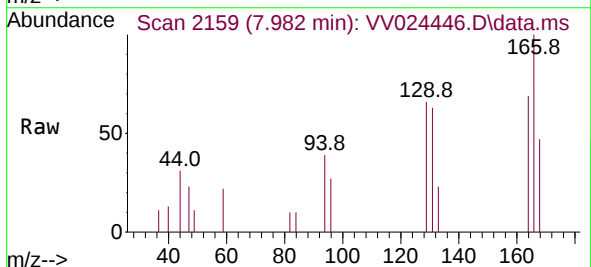
Ion Ratio Lower Upper

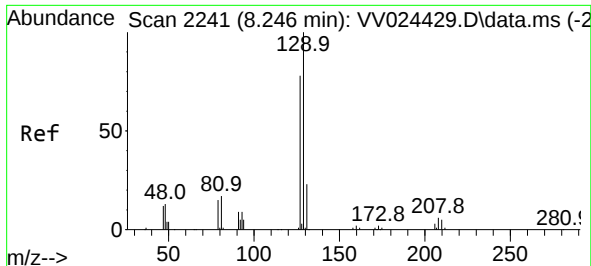
164 100

129 95.3 62.6 116.2

131 91.6 61.0 113.4

166 145.0 87.3 162.1





#49

Dibromochloromethane

Concen: 0.161 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

Instrument :

MSVOA\_V

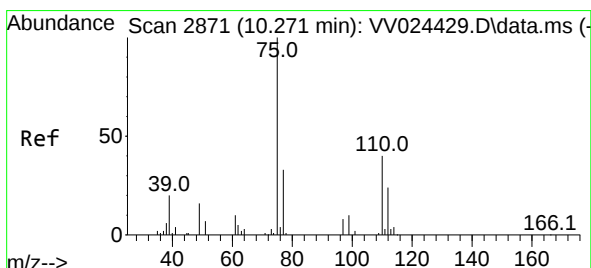
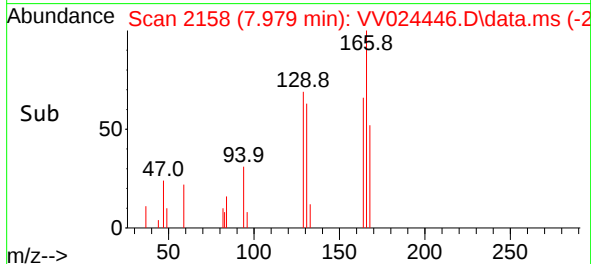
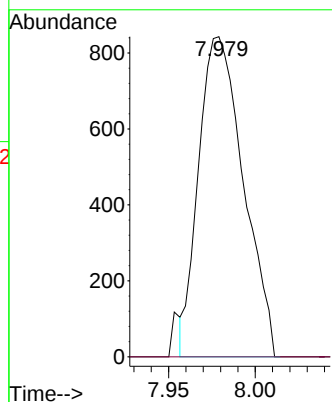
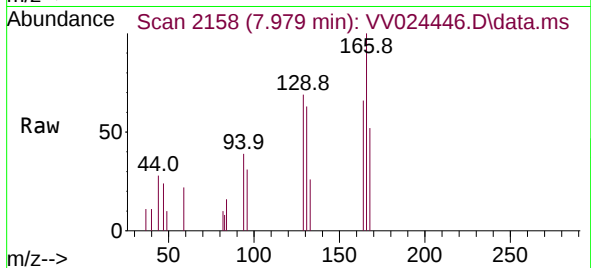
ClientSampleId :

Tgt Ion:129 Resp: 1516

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.773 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024446.D

Acq: 26 Jan 2022 17:56

Tgt Ion: 75 Resp: 9202

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6

110 2.9 34.2 51.2#

