

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW122821\  
 Data File : VW024216.D  
 Acq On : 28 Dec 2021 14:24  
 Operator : SY/MD  
 Sample : M5201-08RE  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 29 05:05:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 29 04:43:10 2021  
 Response via : Initial Calibration

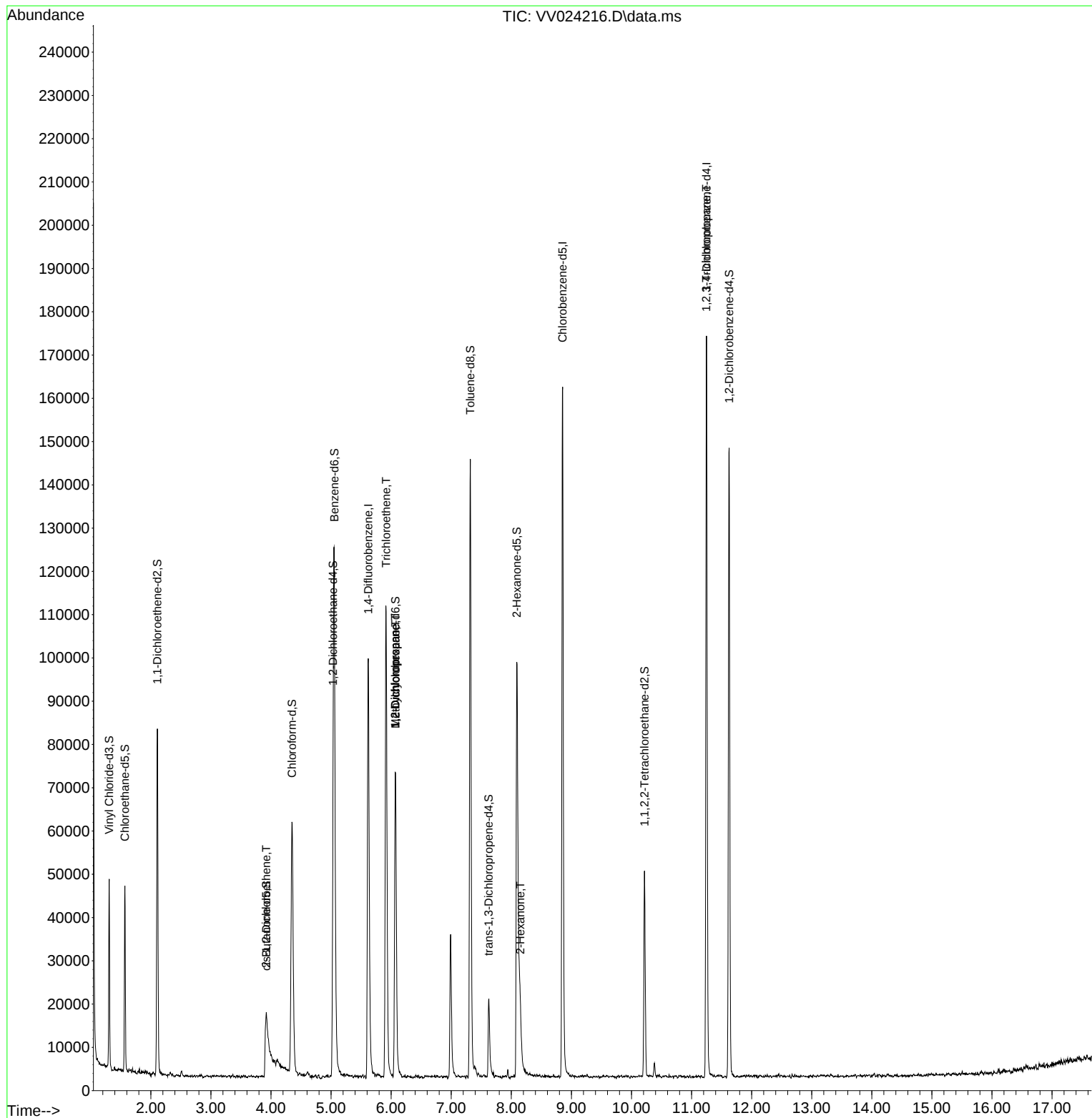
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 88665    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 92878    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 47538    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 25329    | 3.798  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.000%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 24535    | 4.411  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 39774    | 2.454  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 49.000%# |          |
| 20) 2-Butanone-d5             | 3.921  | 46             | 25591    | 34.545 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 69.100%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 60850    | 4.298  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 31291    | 4.938  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.800%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 109656   | 4.372  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 31759    | 4.623  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 92.400%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 95525    | 3.864  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 11517    | 3.959  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.200%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 44753    | 45.752 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 21121    | 4.502  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 90.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 39637    | 4.797  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 96.000%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 1560     | 0.122  | ug/L     | 94       |
| 34) Trichloroethene           | 5.915  | 95             | 35514    | 2.583  | ug/L     | 98       |
| 35) Methylcyclohexane         | 6.072  | 83             | 8984     | 0.451  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 3923     | 0.349  | ug/L #   | 84       |
| 48) 2-Hexanone                | 8.149  | 43             | 3698     | 0.941  | ug/L #   | 91       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 4557     | 0.810  | ug/L #   | 60       |
| -----                         |        |                |          |        |          |          |

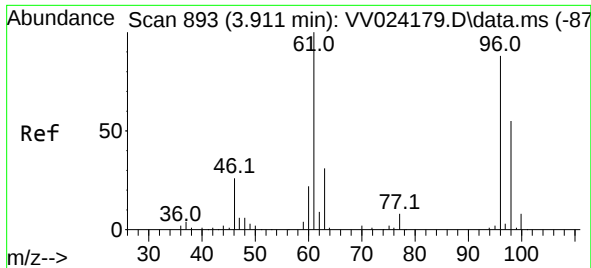
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV122821\  
Data File : VV024216.D  
Acq On : 28 Dec 2021 14:24  
Operator : SY/MD  
Sample : M5201-08RE  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Dec 29 05:05:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Dec 29 04:43:10 2021  
Response via : Initial Calibration

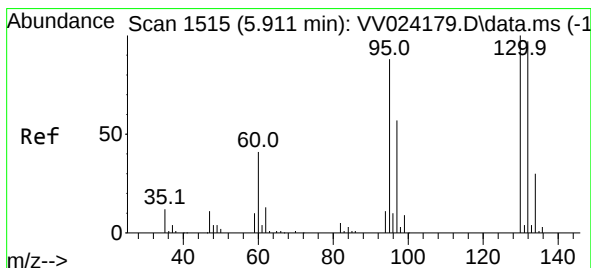
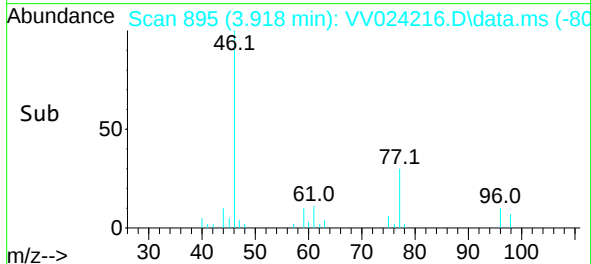
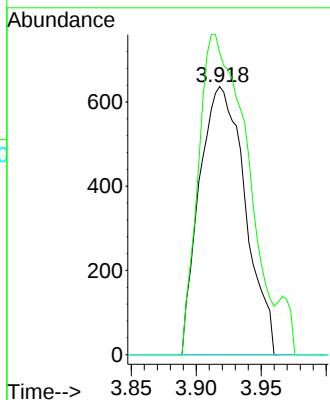
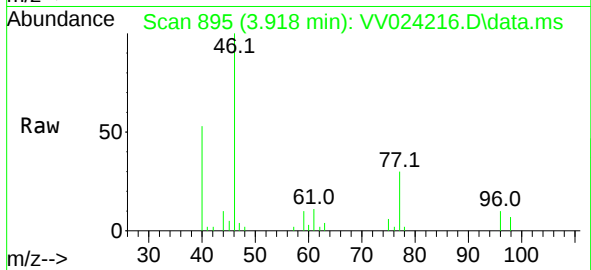




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.122 ug/L  
 RT: 3.918 min Scan# 895  
 Delta R.T. 0.006 min  
 Lab File: VV024216.D  
 Acq: 28 Dec 2021 14:24

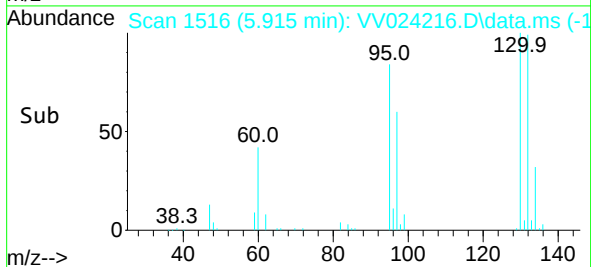
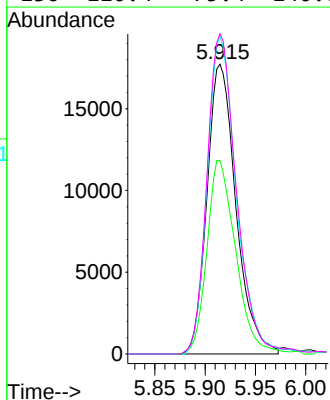
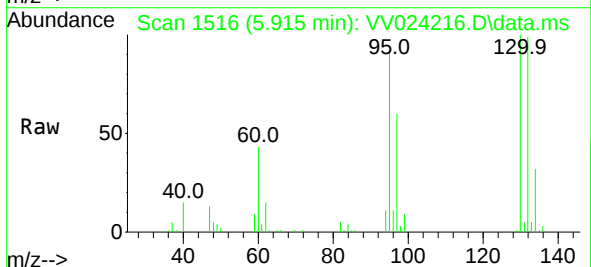
Instrument :  
 MSVOA\_V  
 ClientSampleId :

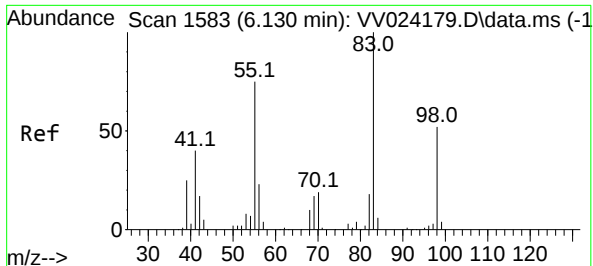
Tgt Ion: 96 Resp: 1560  
 Ion Ratio Lower Upper  
 96 100  
 61 112.7 83.4 154.8  
 68 0.0 0.0 0.0



#34  
 Trichloroethene  
 Concen: 2.583 ug/L  
 RT: 5.915 min Scan# 1516  
 Delta R.T. 0.003 min  
 Lab File: VV024216.D  
 Acq: 28 Dec 2021 14:24

Tgt Ion: 95 Resp: 35514  
 Ion Ratio Lower Upper  
 95 100  
 97 66.7 45.2 84.0  
 132 109.6 76.1 141.3  
 130 110.4 75.4 140.0





#35

Methylcyclohexane

Concen: 0.451 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024216.D

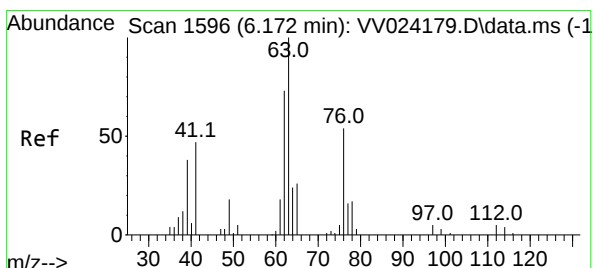
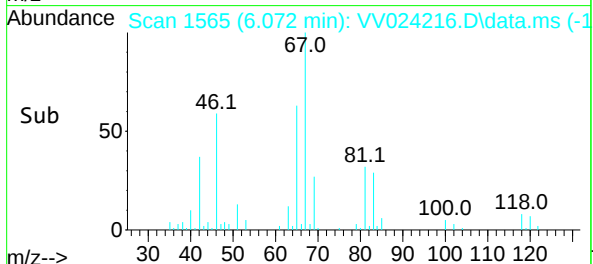
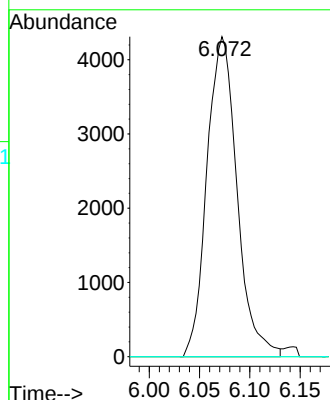
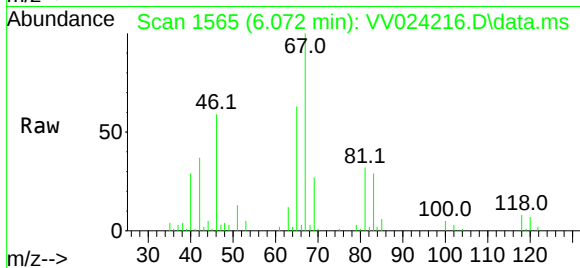
Acq: 28 Dec 2021 14:24

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 8984  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 60.2 90.2#  |
| 98 0.0      | 41.0 61.4#  |



#37

1,2-Dichloropropane

Concen: 0.349 ug/L

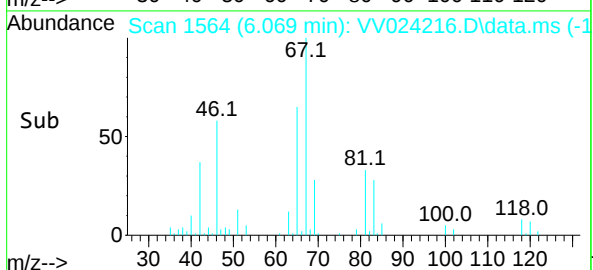
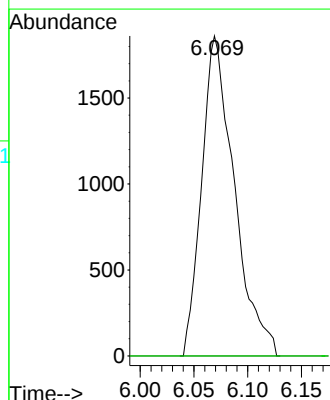
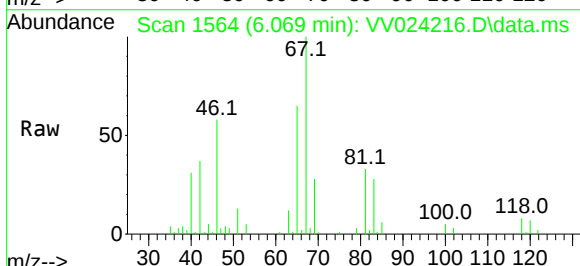
RT: 6.069 min Scan# 1564

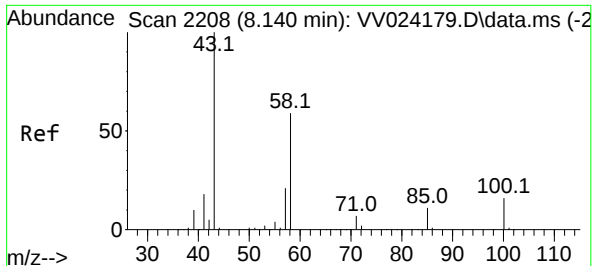
Delta R.T. -0.103 min

Lab File: VV024216.D

Acq: 28 Dec 2021 14:24

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 3923  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 4.3 6.5#    |





#48

2-Hexanone

Concen: 0.941 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.006 min

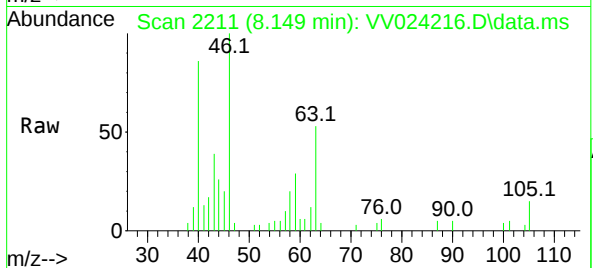
Lab File: VV024216.D

Acq: 28 Dec 2021 14:24

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 43 Resp: 3698

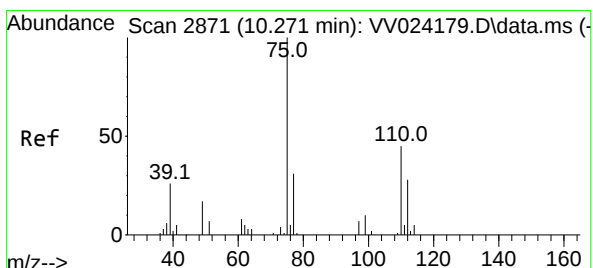
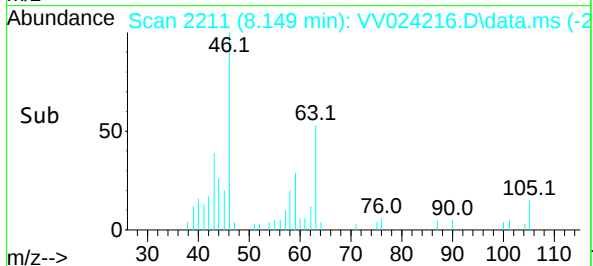
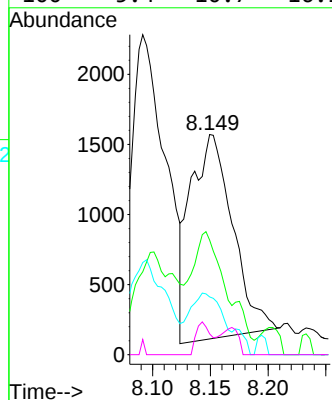
Ion Ratio Lower Upper

43 100

58 51.1 44.5 66.7

57 14.9 15.1 22.7#

100 5.4 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 0.810 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV024216.D

Acq: 28 Dec 2021 14:24

Tgt Ion: 75 Resp: 4557

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

110 1.8 34.2 51.2#

