

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012822\  
 Data File : VW024481.D  
 Acq On : 28 Jan 2022 12:15  
 Operator : SY/MD  
 Sample : N1317-03DL 3X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AA3DL

Quant Time: Jan 29 02:25:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 29 02:05:31 2022  
 Response via : Initial Calibration

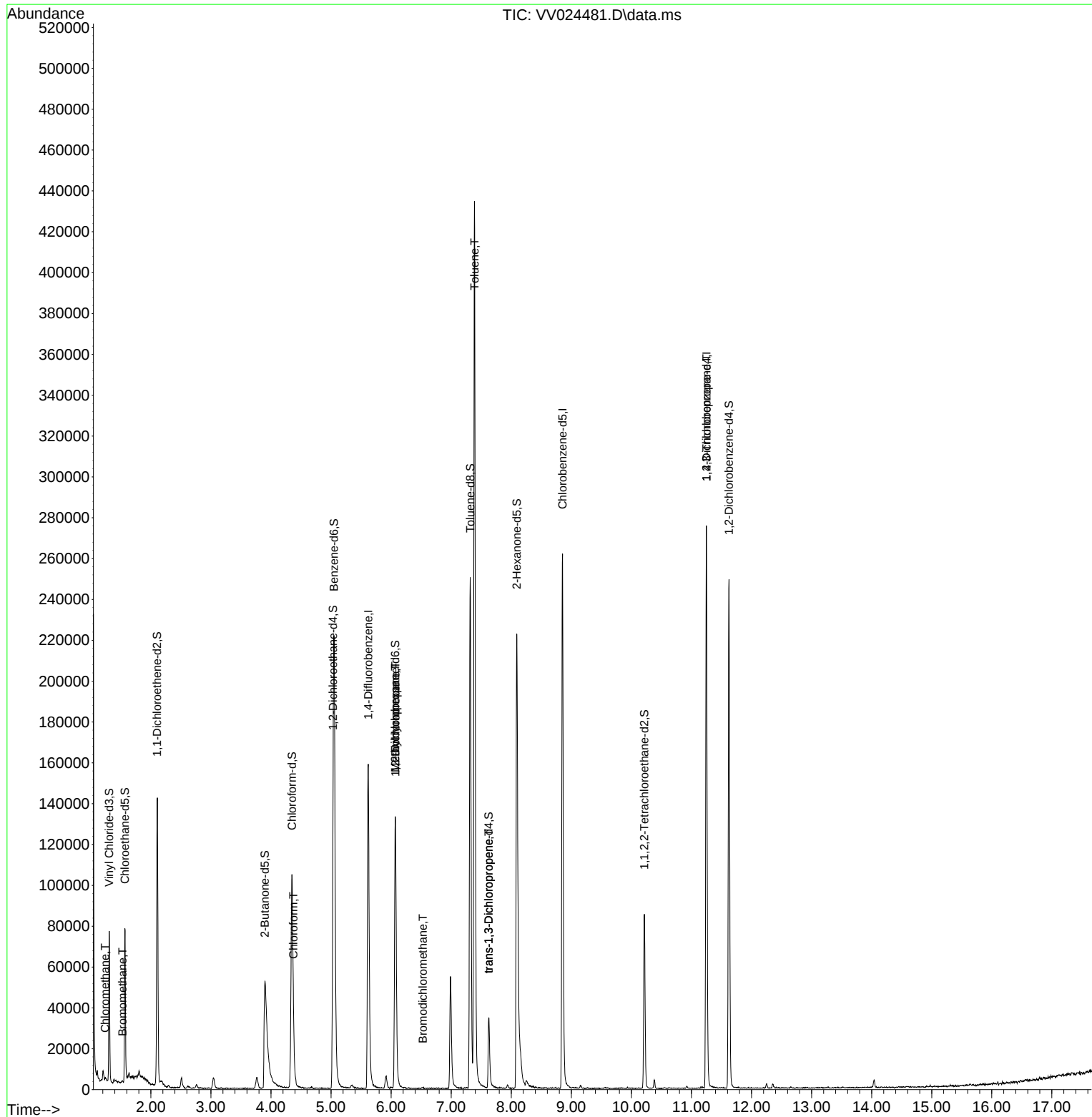
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 138904   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 147285   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 75023    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 45586    | 3.746  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.000%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 47110    | 4.438  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 75152    | 3.231  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 64.600%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 117335   | 60.498 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 121.000% |          |
| 24) Chloroform-d              | 4.349  | 84             | 112544   | 4.874  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 54518    | 5.213  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.200% |          |
| 32) Benzene-d6                | 5.050  | 84             | 205700   | 4.676  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 67427    | 4.868  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.400%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 170006   | 4.212  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 20942    | 4.403  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.000%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 84624    | 52.032 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.060% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 41754    | 5.064  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 66357    | 5.158  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.240  | 50             | 552      | 0.039  | ug/L     | 92       |
| 6) Bromomethane               | 1.529  | 94             | 527      | 0.059  | ug/L     | 88       |
| 25) Chloroform                | 4.375  | 83             | 4208     | 0.198  | ug/L     | 88       |
| 35) Methylcyclohexane         | 6.069  | 83             | 16289    | 0.991  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 7398     | 0.764  | ug/L #   | 84       |
| 38) Bromodichloromethane      | 6.529  | 83             | 492      | 0.038  | ug/L #   | 92       |
| 42) Toluene                   | 7.387  | 91             | 319381   | 7.649  | ug/L     | 97       |
| 44) trans-1,3-Dichloropropene | 7.625  | 75             | 881      | 0.081  | ug/L #   | 72       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 8060     | 1.734  | ug/L #   | 63       |
| -----                         |        |                |          |        |          |          |

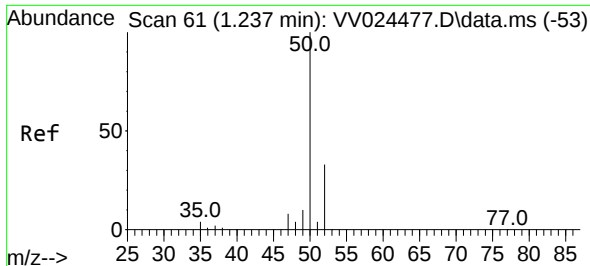
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jan 29 02:05:31 2022  
Response via : Initial Calibration

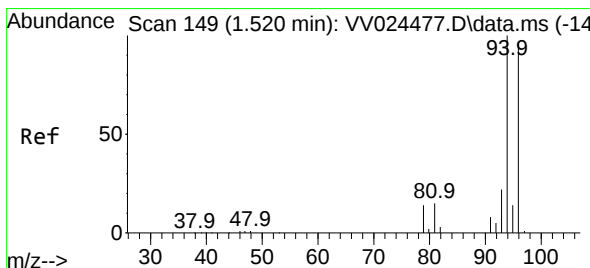
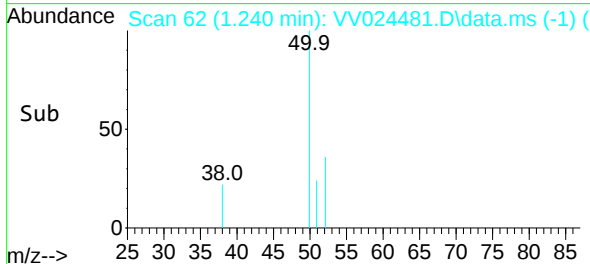
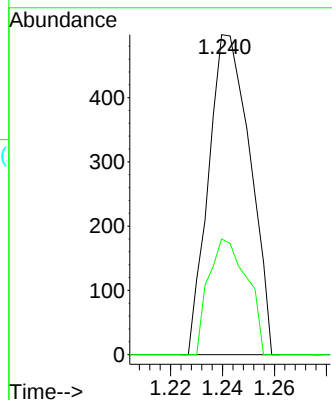
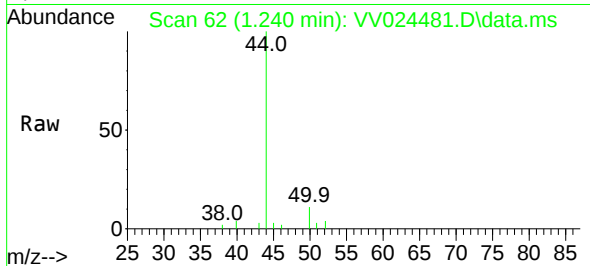




#3  
Chloromethane  
Concen: 0.039 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV024481.D  
Acq: 28 Jan 2022 12:15

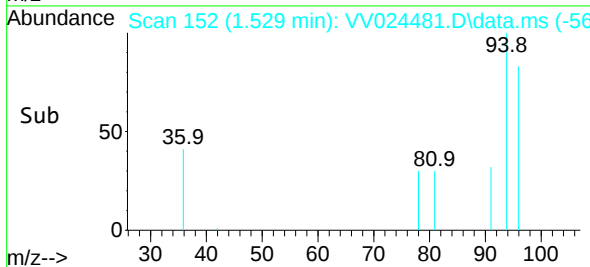
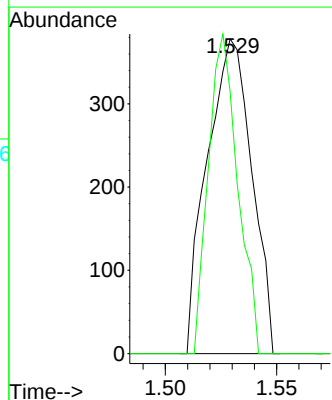
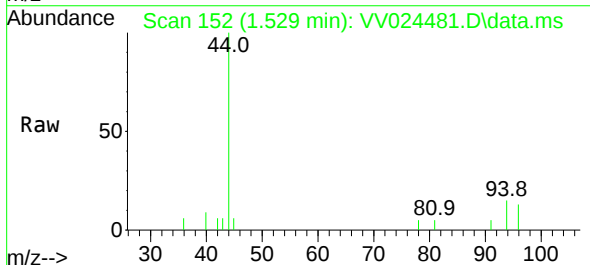
Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AA3DL

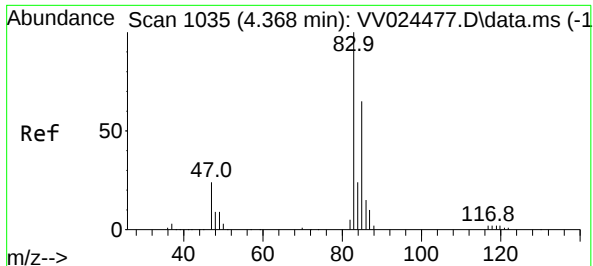
Tgt Ion: 50 Resp: 552  
Ion Ratio Lower Upper  
50 100  
52 36.1 22.0 41.0



#6  
Bromomethane  
Concen: 0.059 ug/L  
RT: 1.529 min Scan# 152  
Delta R.T. 0.010 min  
Lab File: VV024481.D  
Acq: 28 Jan 2022 12:15

Tgt Ion: 94 Resp: 527  
Ion Ratio Lower Upper  
94 100  
96 83.3 66.2 123.0





#25

Chloroform

Concen: 0.198 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024481.D

Acq: 28 Jan 2022 12:15

Instrument :

MSVOA\_V

ClientSampleId :

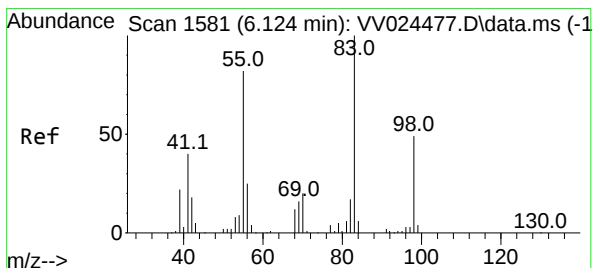
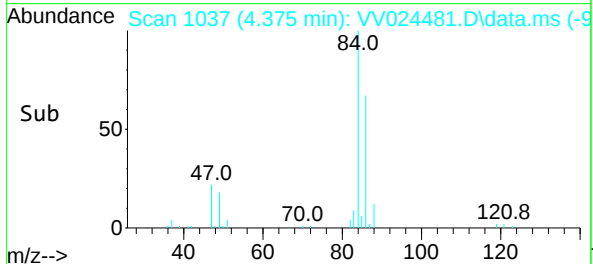
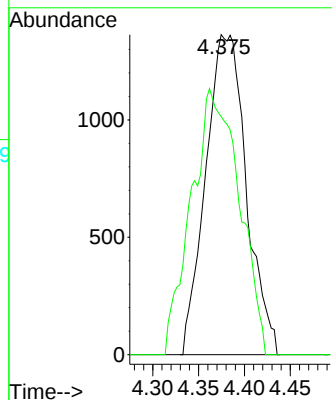
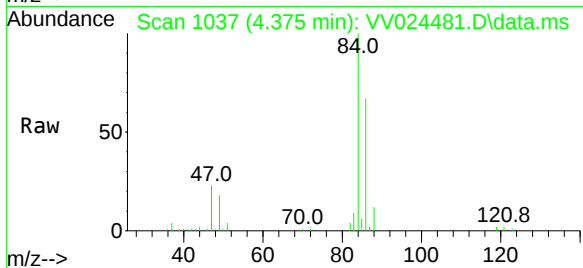
H0AA3DL

Tgt Ion: 83 Resp: 4208

Ion Ratio Lower Upper

83 100

85 74.4 45.2 84.0



#35

Methylcyclohexane

Concen: 0.991 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV024481.D

Acq: 28 Jan 2022 12:15

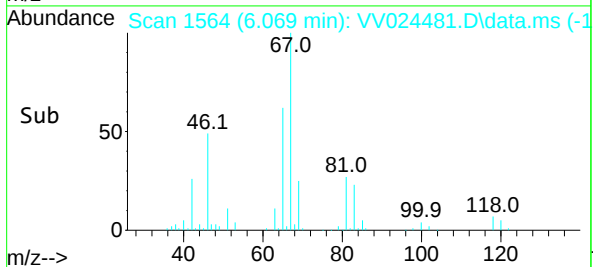
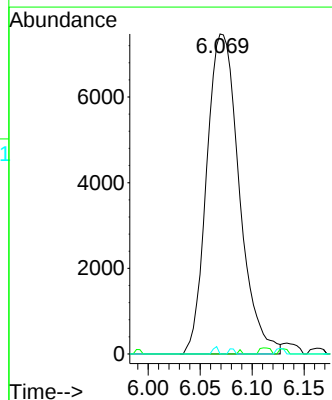
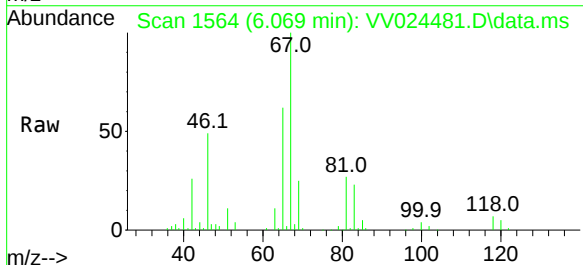
Tgt Ion: 83 Resp: 16289

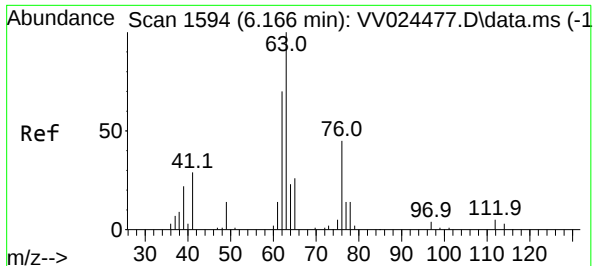
Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 0.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.764 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV024481.D

Acq: 28 Jan 2022 12:15

Instrument :

MSVOA\_V

ClientSampleId :

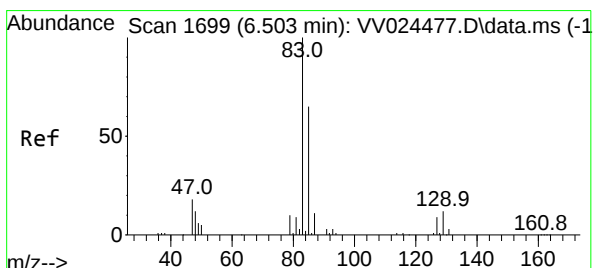
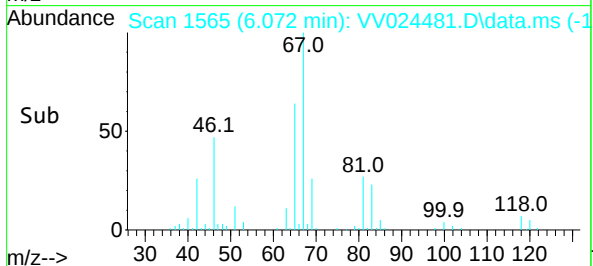
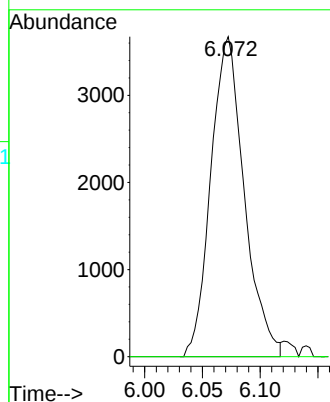
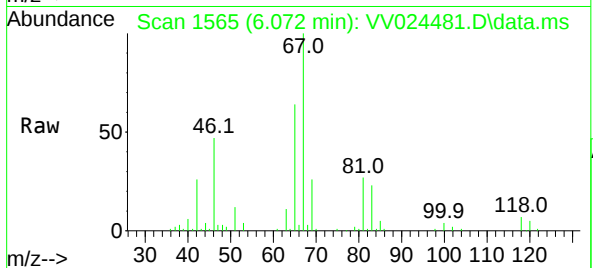
H0AA3DL

Tgt Ion: 63 Resp: 7398

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.038 ug/L

RT: 6.529 min Scan# 1707

Delta R.T. 0.026 min

Lab File: VV024481.D

Acq: 28 Jan 2022 12:15

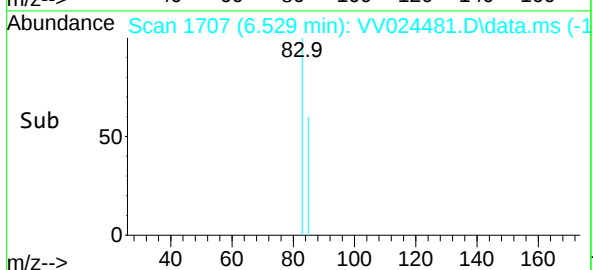
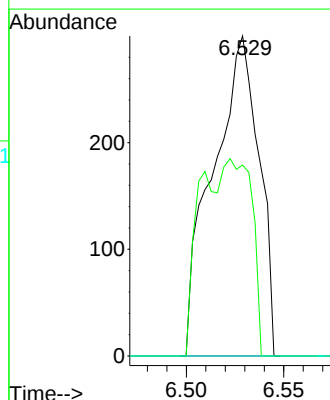
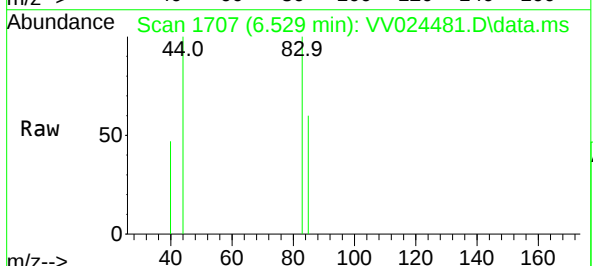
Tgt Ion: 83 Resp: 492

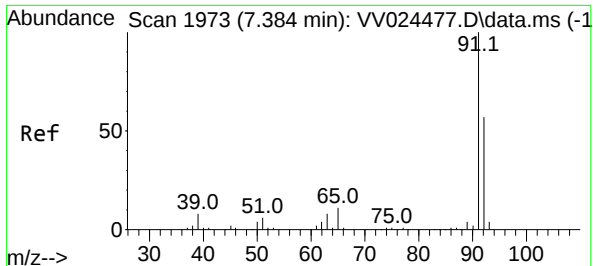
Ion Ratio Lower Upper

83 100

85 59.7 44.0 81.8

127 0.0 8.6 12.8#





#42

Toluene

Concen: 7.649 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024481.D

Acq: 28 Jan 2022 12:15

Instrument :

MSVOA\_V

ClientSampleId :

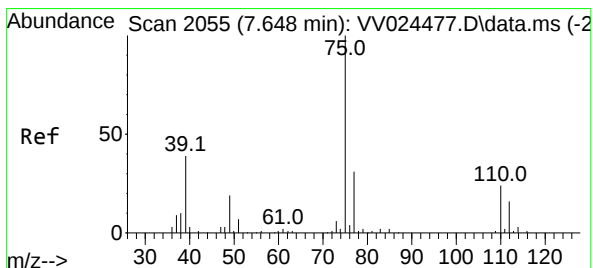
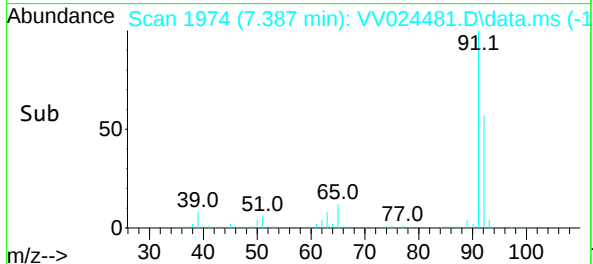
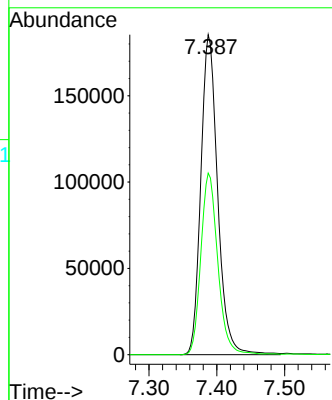
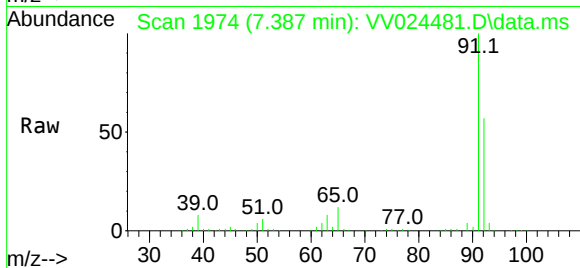
H0AA3DL

Tgt Ion: 91 Resp: 319381

Ion Ratio Lower Upper

91 100

92 56.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV024481.D

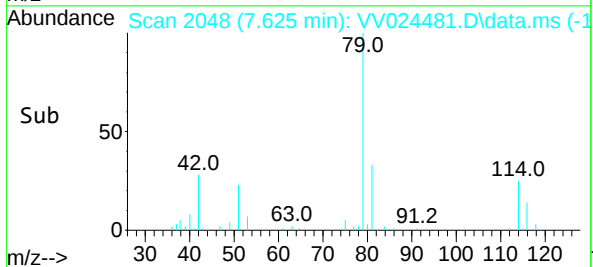
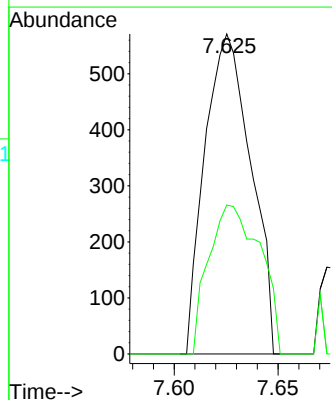
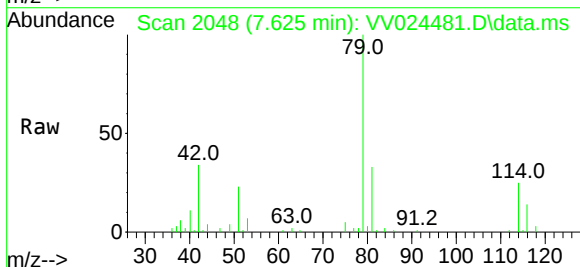
Acq: 28 Jan 2022 12:15

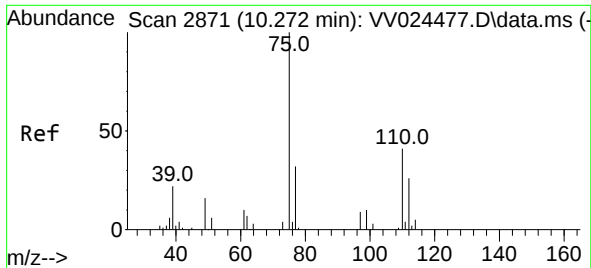
Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

77 46.6 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 1.734 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024481.D

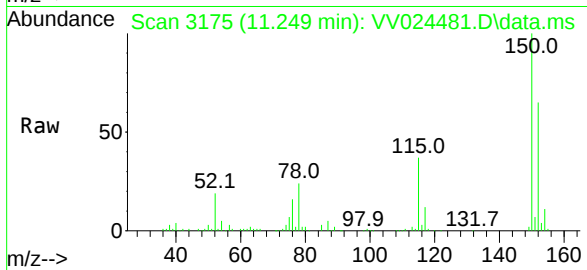
Acq: 28 Jan 2022 12:15

Instrument :

MSVOA\_V

ClientSampleId :

H0AA3DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8060  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.6  | 26.4  | 39.6  |
| 110      | 2.7   | 34.2  | 51.2# |

