

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021522\  
 Data File : VW024676.D  
 Acq On : 15 Feb 2022 18:04  
 Operator : SY/MD  
 Sample : N1480-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 16 03:40:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 03:37:12 2022  
 Response via : Initial Calibration

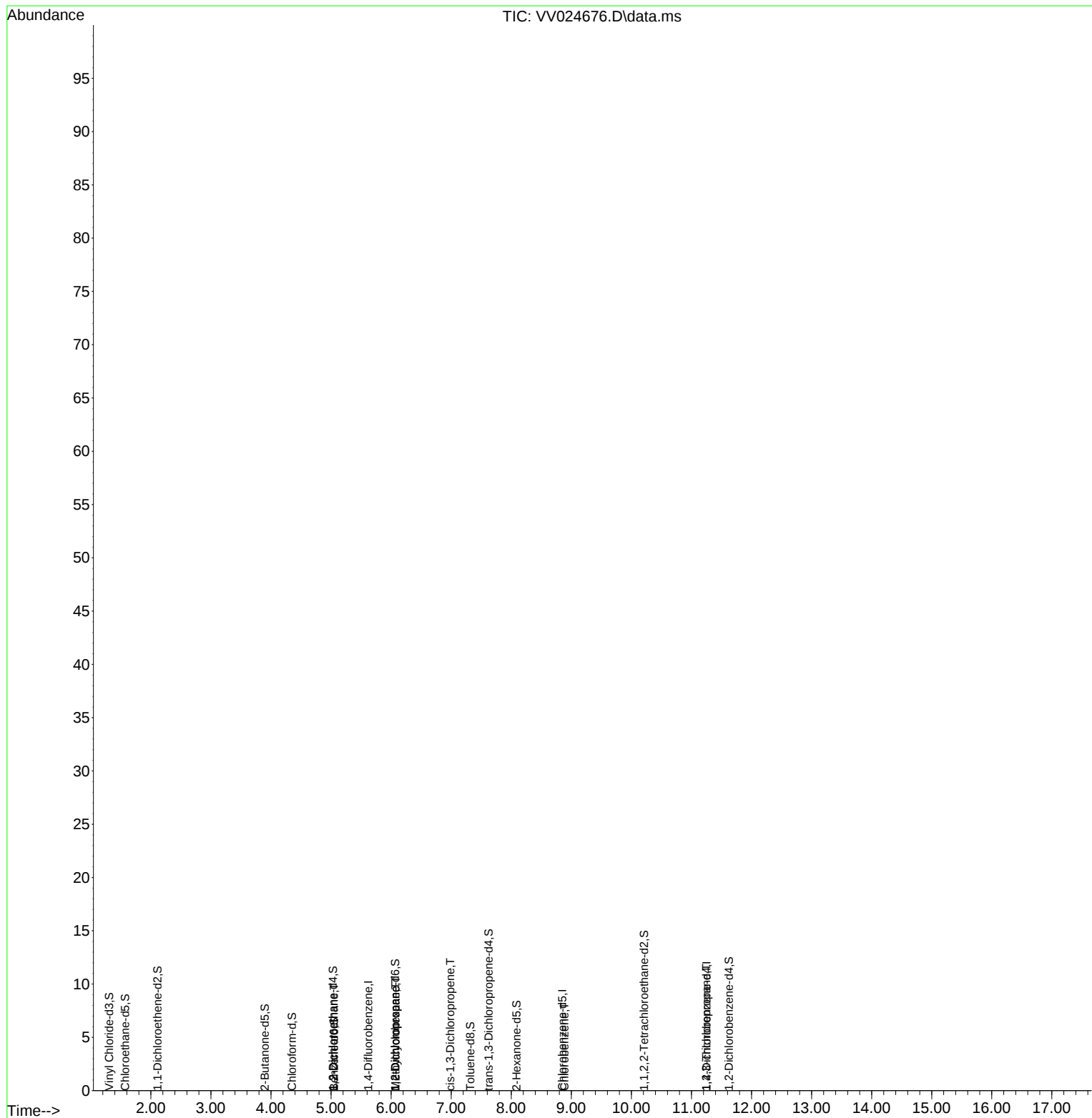
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 117592   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 120377   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 60966    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 40748    | 4.134  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 82.600%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 41431    | 4.972  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 99.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 65603    | 3.043  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.800%  |          |
| 20) 2-Butanone-d5             | 3.896  | 46             | 84799    | 51.823 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 103.640% |          |
| 24) Chloroform-d              | 4.352  | 84             | 87299    | 5.032  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 42515    | 5.401  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 108.000% |          |
| 32) Benzene-d6                | 5.050  | 84             | 174976   | 5.123  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.400% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 53951    | 5.079  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 101.600% |          |
| 41) Toluene-d8                | 7.317  | 98             | 154475   | 4.849  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18675    | 4.353  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.000%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 71021    | 46.990 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.980%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 33302    | 5.265  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 52691    | 5.362  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 107.200% |          |
| Target Compounds              |        |                |          |        |          |          |
| 27) 1,2-Dichloroethane        | 5.050  | 62             | 1069     | 0.090  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.072  | 83             | 13099    | 0.612  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 6265     | 0.550  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1520     | 0.088  | ug/L #   | 73       |
| 51) Chlorobenzene             | 8.886  | 112            | 20706    | 0.660  | ug/L     | 97       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 9803     | 1.631  | ug/L #   | 60       |

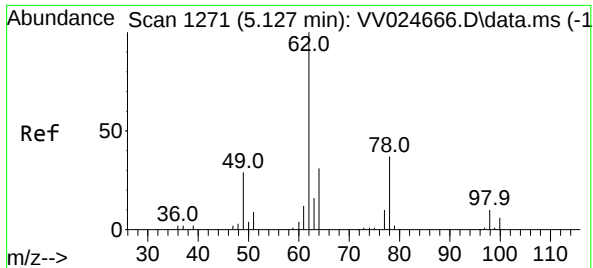
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021522\  
Data File : VV024676.D  
Acq On : 15 Feb 2022 18:04  
Operator : SY/MD  
Sample : N1480-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Feb 16 03:40:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Feb 16 03:37:12 2022  
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024676.D

Acq: 15 Feb 2022 18:04

Instrument :

MSVOA\_V

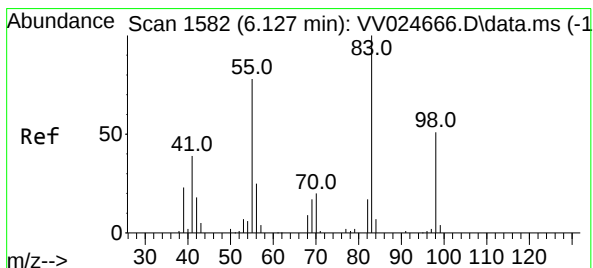
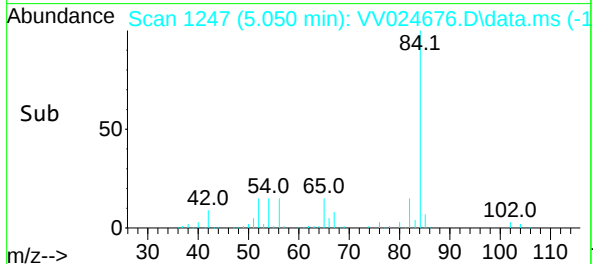
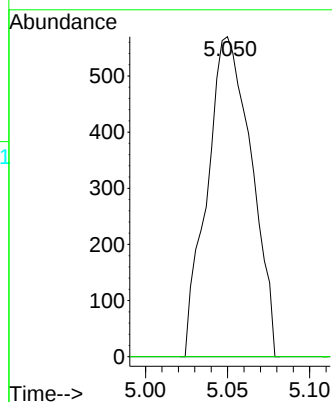
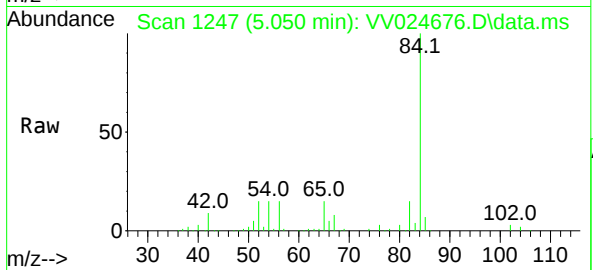
ClientSampleId :

Tgt Ion: 62 Resp: 1069

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.612 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024676.D

Acq: 15 Feb 2022 18:04

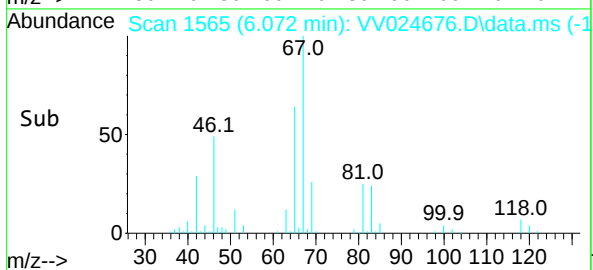
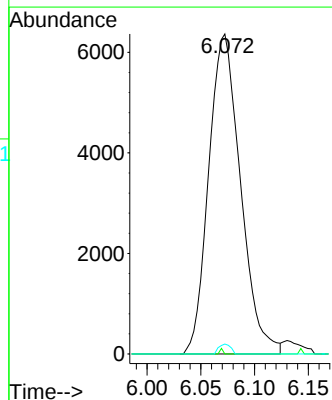
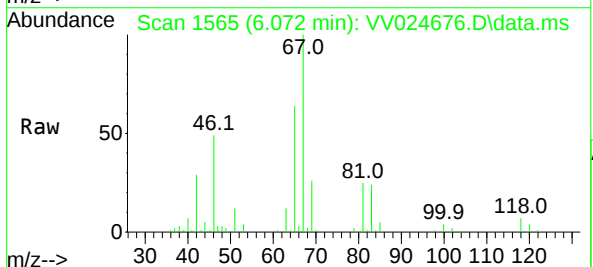
Tgt Ion: 83 Resp: 13099

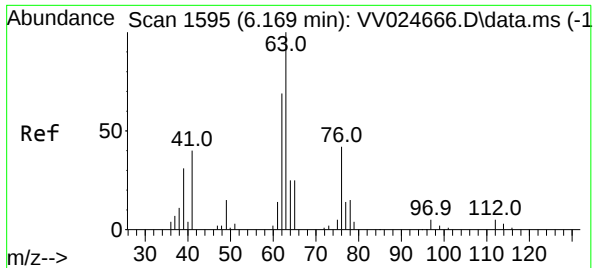
Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 1.1 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV024676.D

Acq: 15 Feb 2022 18:04

Instrument :

MSVOA\_V

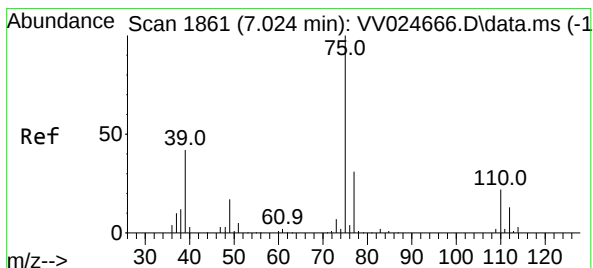
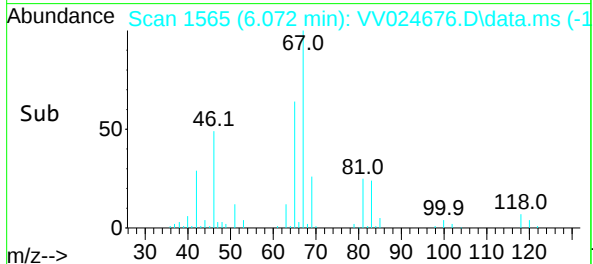
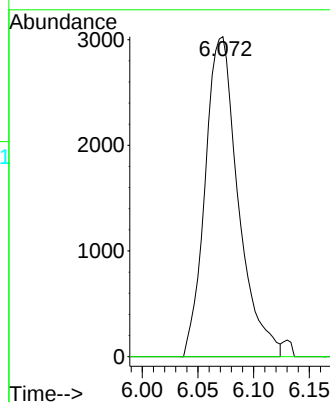
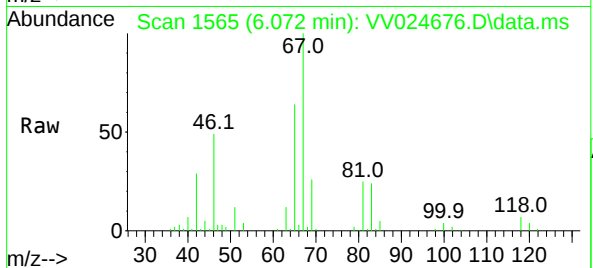
ClientSampleId :

Tgt Ion: 63 Resp: 6265

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024676.D

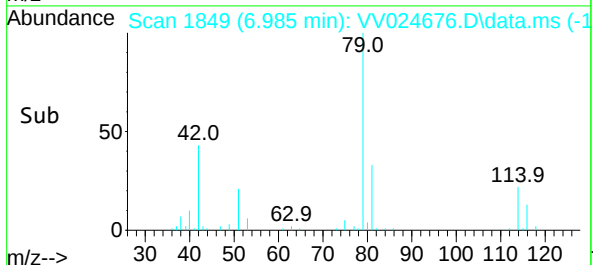
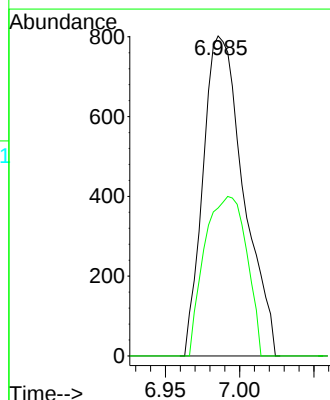
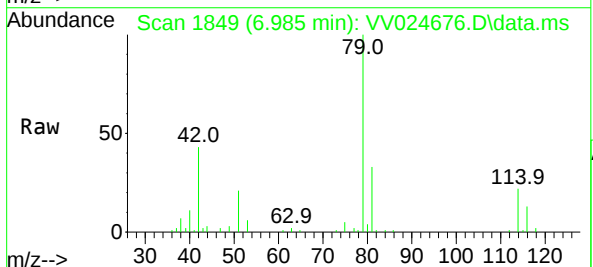
Acq: 15 Feb 2022 18:04

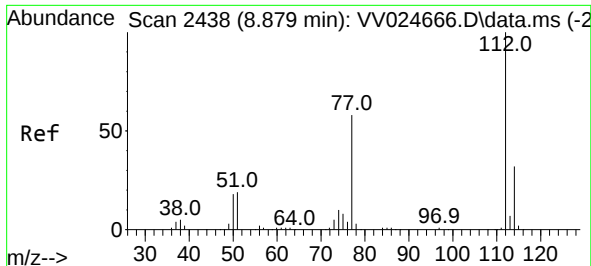
Tgt Ion: 75 Resp: 1520

Ion Ratio Lower Upper

75 100

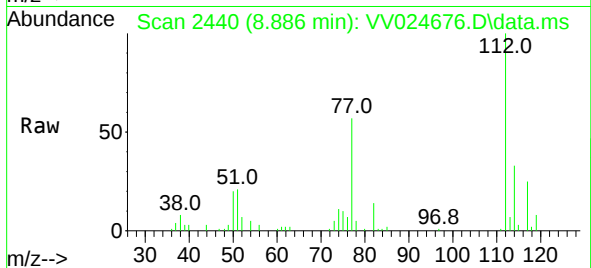
77 46.3 22.0 41.0#



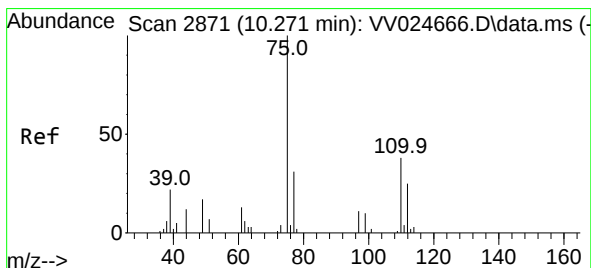
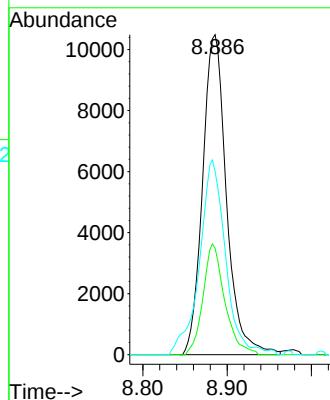
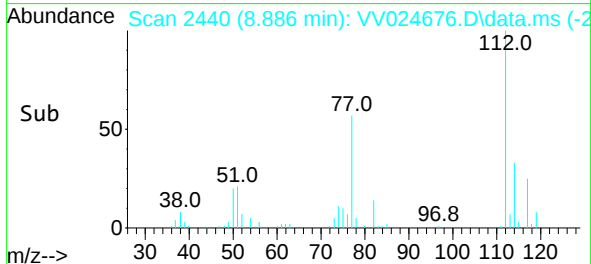


#51  
Chlorobenzene  
Concen: 0.660 ug/L  
RT: 8.886 min Scan# 2438  
Delta R.T. 0.007 min  
Lab File: VV024676.D  
Acq: 15 Feb 2022 18:04

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:112 Resp: 20706  
Ion Ratio Lower Upper  
112 100  
114 33.3 23.3 43.3  
77 57.3 43.3 64.9



#61  
1,2,3-Trichloropropane  
Concen: 1.631 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.974 min  
Lab File: VV024676.D  
Acq: 15 Feb 2022 18:04

Tgt Ion: 75 Resp: 9803  
Ion Ratio Lower Upper  
75 100  
77 26.2 26.4 39.6#  
110 2.9 34.2 51.2#

