

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072022\  
 Data File : VV026848.D  
 Acq On : 20 Jul 2022 12:43  
 Operator : SY/MD  
 Sample : N3754-16  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 21 01:50:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jul 21 01:47:16 2022  
 Response via : Initial Calibration

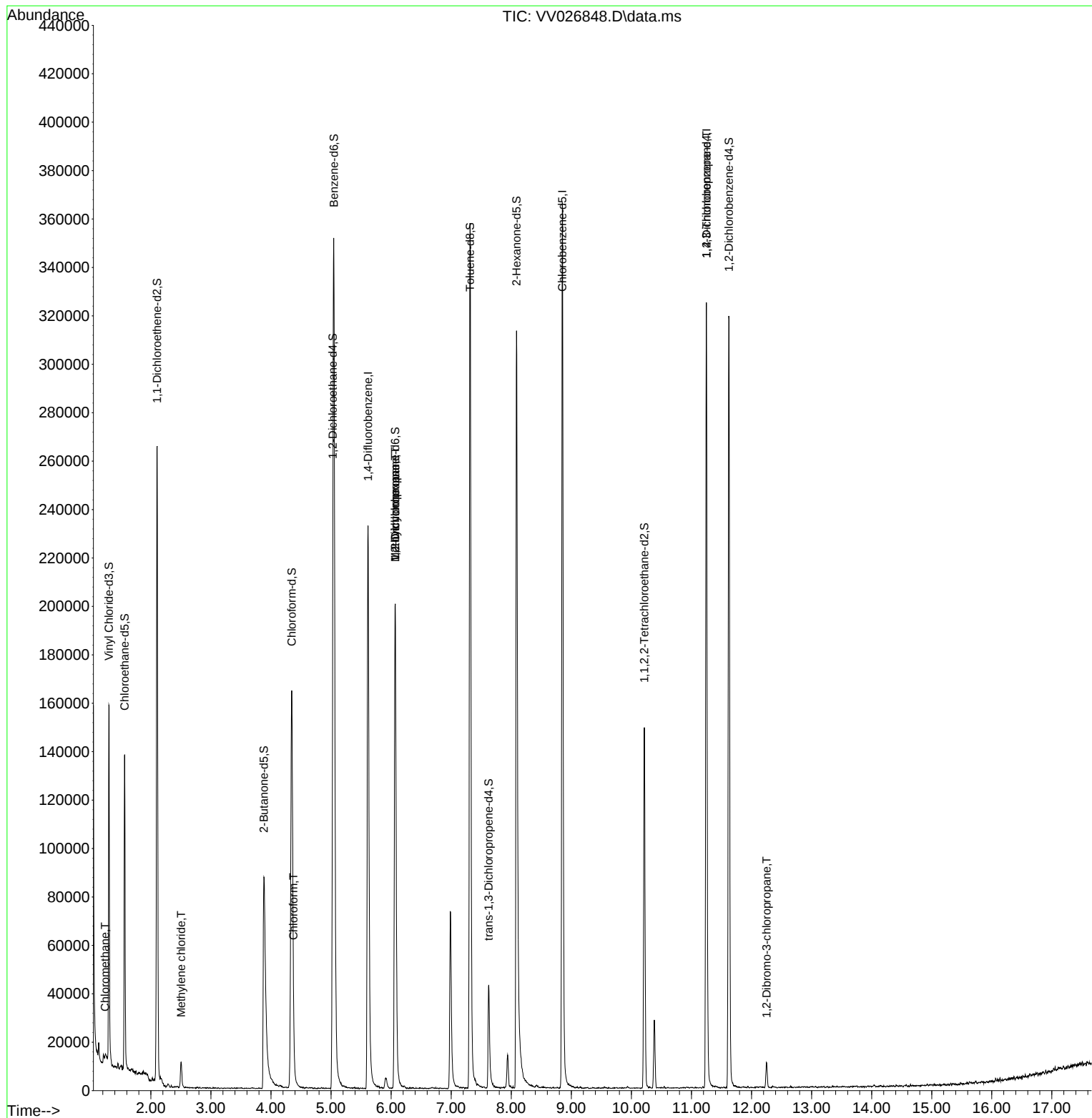
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.616     | 114            | 208392   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850     | 117            | 215271   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 90359    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.301     | 65             | 95274    | 5.011      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 100.200% |        |          |
| 7) Chloroethane-d5            | 1.565     | 69             | 85757    | 5.221      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 104.400% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101     | 63             | 136170   | 3.731      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 74.600%  |        |          |
| 20) 2-Butanone-d5             | 3.883     | 46             | 152594   | 51.428     | ug/L   | -0.01    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 102.860% |        |          |
| 24) Chloroform-d              | 4.346     | 84             | 179836   | 5.410      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 108.200% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.031     | 65             | 78072    | 5.376      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 107.600% |        |          |
| 32) Benzene-d6                | 5.047     | 84             | 335340   | 5.126      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 102.600% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069     | 67             | 104446   | 5.325      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 106.600% |        |          |
| 41) Toluene-d8                | 7.313     | 98             | 252105   | 4.342      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 86.800%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625     | 79             | 28989    | 4.518      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 90.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 114836   | 41.335     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 82.660%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 75898    | 4.968      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 99.400%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152            | 87801    | 5.577      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 111.600% |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 3) Chloromethane              | 1.237     | 50             | 1024     | 0.040      | ug/L   | 88       |
| 16) Methylene chloride        | 2.503     | 84             | 4782     | 0.220      | ug/L   | 97       |
| 25) Chloroform                | 4.375     | 83             | 2639     | 0.082      | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.066     | 83             | 25778    | 0.955      | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.066     | 63             | 10796    | 0.627      | ug/L # | 84       |
| 61) 1,2,3-Trichloropropane    | 11.249    | 75             | 10675    | 1.281      | ug/L # | 65       |
| 68) 1,2-Dibromo-3-chloropr... | 12.249    | 75             | 311      | 0.176      | ug/L # | 6        |
| -----                         |           |                |          |            |        |          |

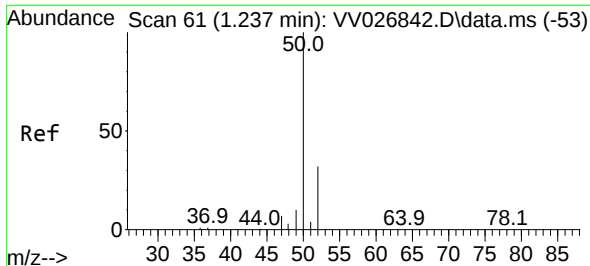
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072022\  
Data File : VV026848.D  
Acq On : 20 Jul 2022 12:43  
Operator : SY/MD  
Sample : N3754-16  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

Quant Time: Jul 21 01:50:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jul 21 01:47:16 2022  
Response via : Initial Calibration

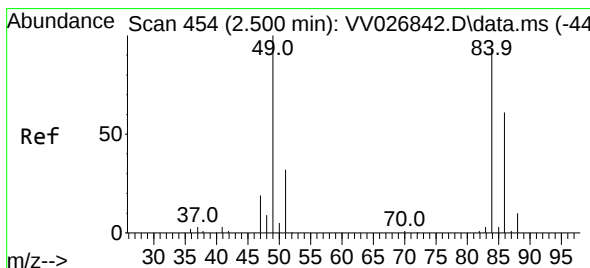
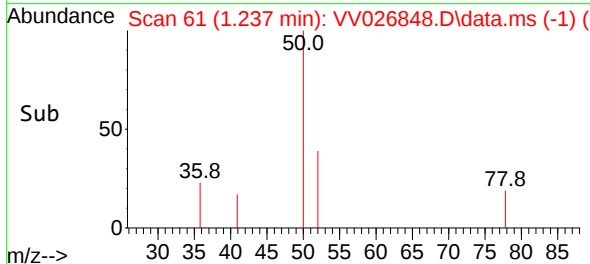
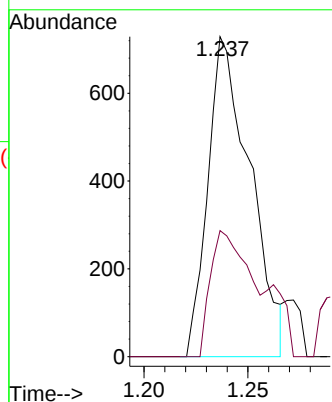
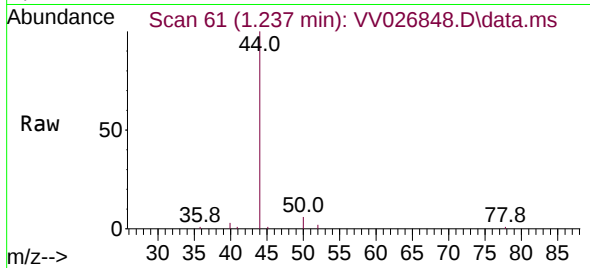




#3  
Chloromethane  
Concen: 0.040 ug/L  
RT: 1.237 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV026848.D  
Acq: 20 Jul 2022 12:43

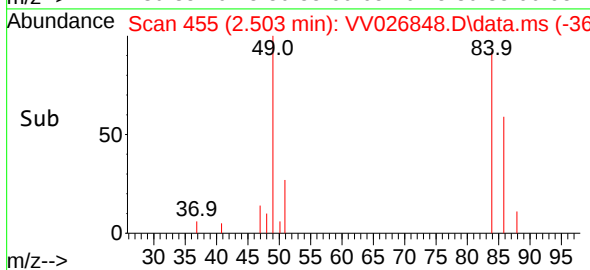
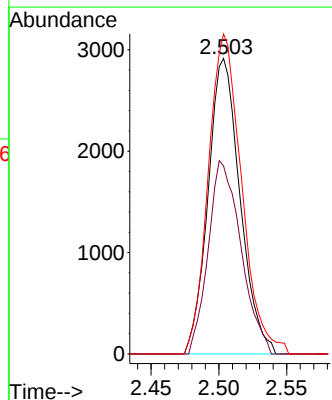
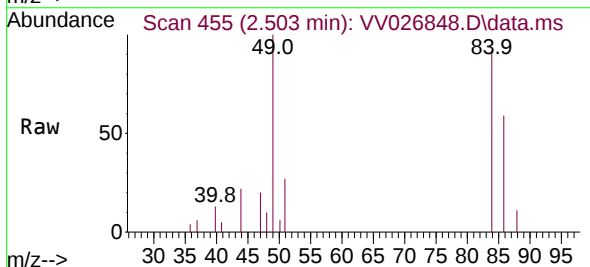
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

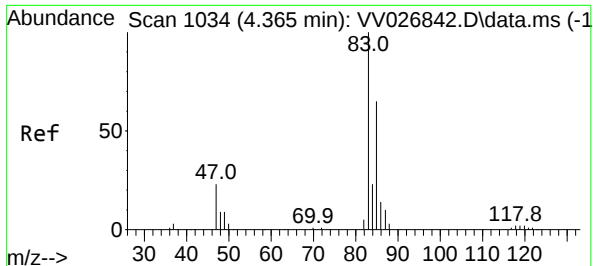
Tgt Ion: 50 Resp: 1024  
Ion Ratio Lower Upper  
50 100  
52 39.4 22.8 42.4



#16  
Methylene chloride  
Concen: 0.220 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV026848.D  
Acq: 20 Jul 2022 12:43

Tgt Ion: 84 Resp: 4782  
Ion Ratio Lower Upper  
84 100  
86 63.6 44.8 83.2  
49 108.3 78.7 146.1





#25

Chloroform

Concen: 0.082 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026848.D

Acq: 20 Jul 2022 12:43

Instrument :

MSVOA\_V

ClientSampleId :

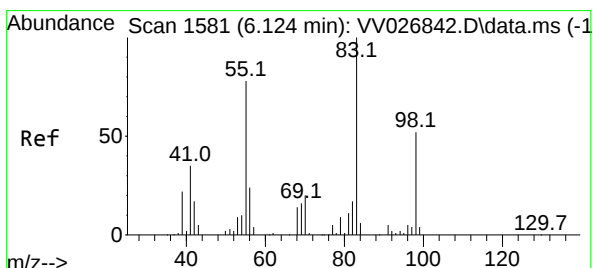
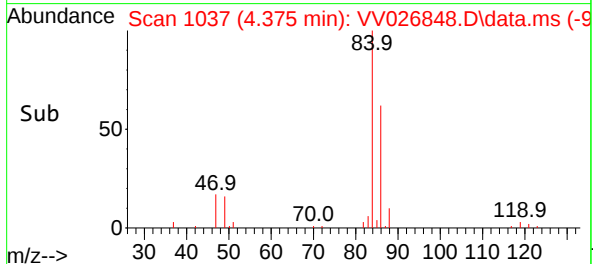
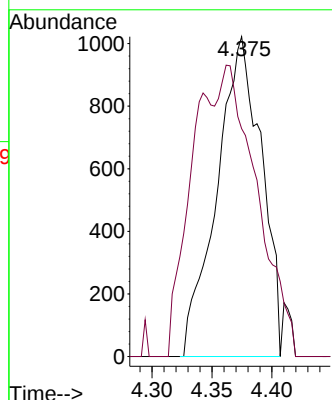
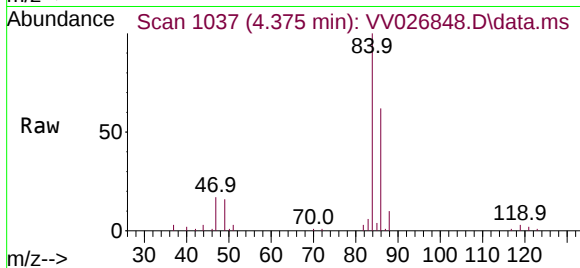
VHBLK001

Tgt Ion: 83 Resp: 2639

Ion Ratio Lower Upper

83 100

85 71.2 45.7 84.9



#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV026848.D

Acq: 20 Jul 2022 12:43

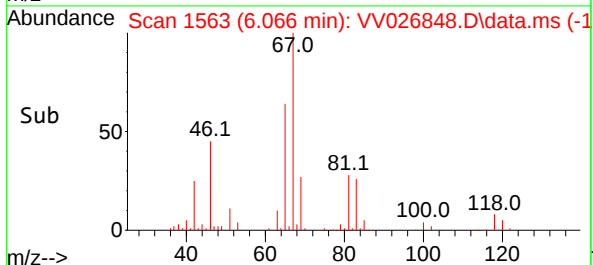
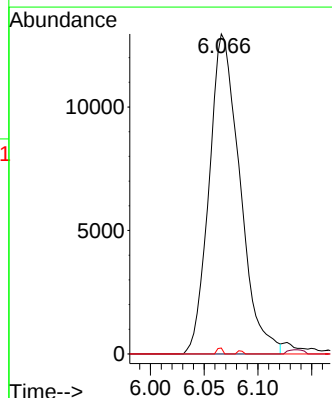
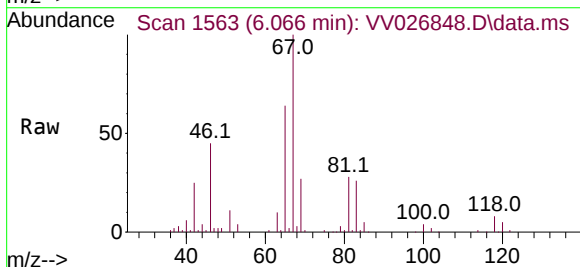
Tgt Ion: 83 Resp: 25778

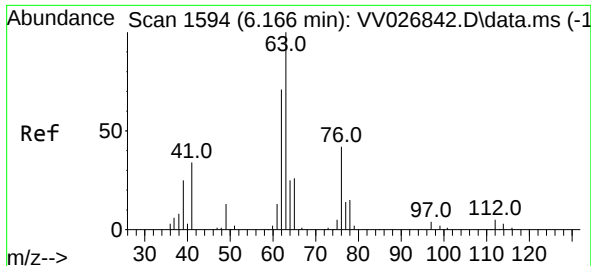
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.3 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026848.D

Acq: 20 Jul 2022 12:43

Instrument :

MSVOA\_V

ClientSampleId :

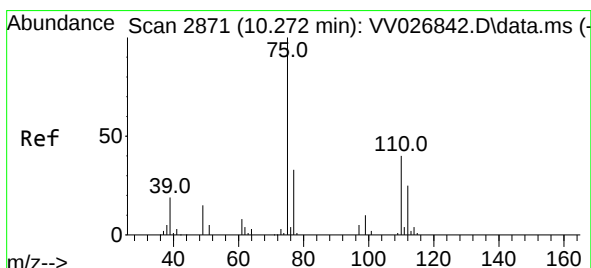
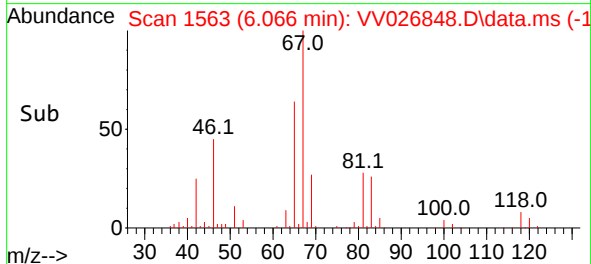
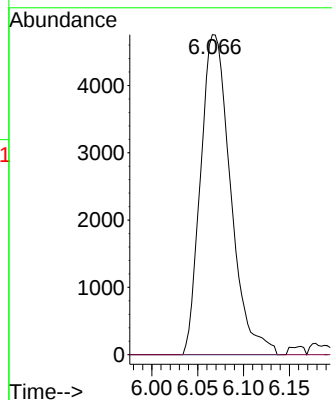
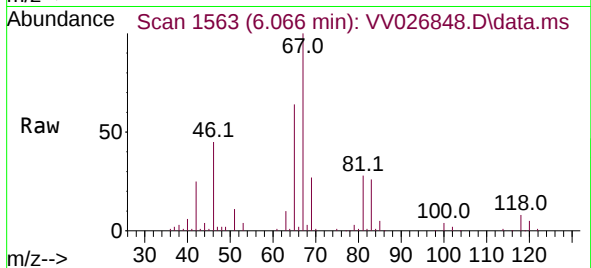
VHBLK001

Tgt Ion: 63 Resp: 10796

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#61

1,2,3-Trichloropropane

Concen: 1.281 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026848.D

Acq: 20 Jul 2022 12:43

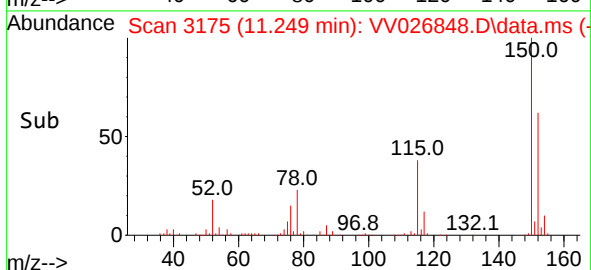
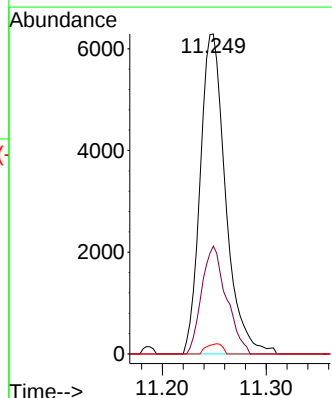
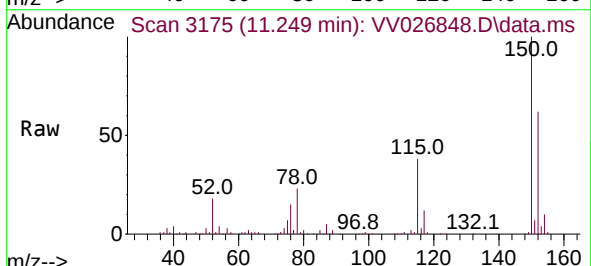
Tgt Ion: 75 Resp: 10675

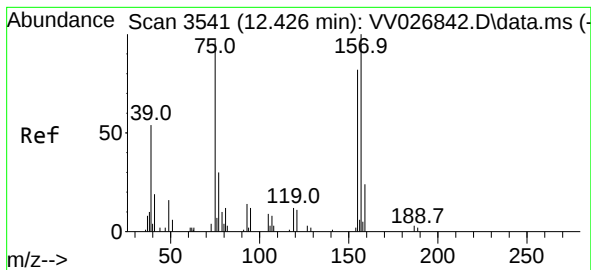
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

110 2.0 31.8 47.6#





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.176 ug/L  
 RT: 12.249 min Scan# 34  
 Delta R.T. -0.177 min  
 Lab File: VV026848.D  
 Acq: 20 Jul 2022 12:43

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Tgt Ion: 75 Resp: 311  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 60.3 90.5#  
 157 0.0 78.2 117.4#

