

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012523\  
 Data File : VW029946.D  
 Acq On : 25 Jan 2023 16:18  
 Operator : SY/MD  
 Sample : 01225-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jan 25 22:15:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 25 22:12:17 2023  
 Response via : Initial Calibration

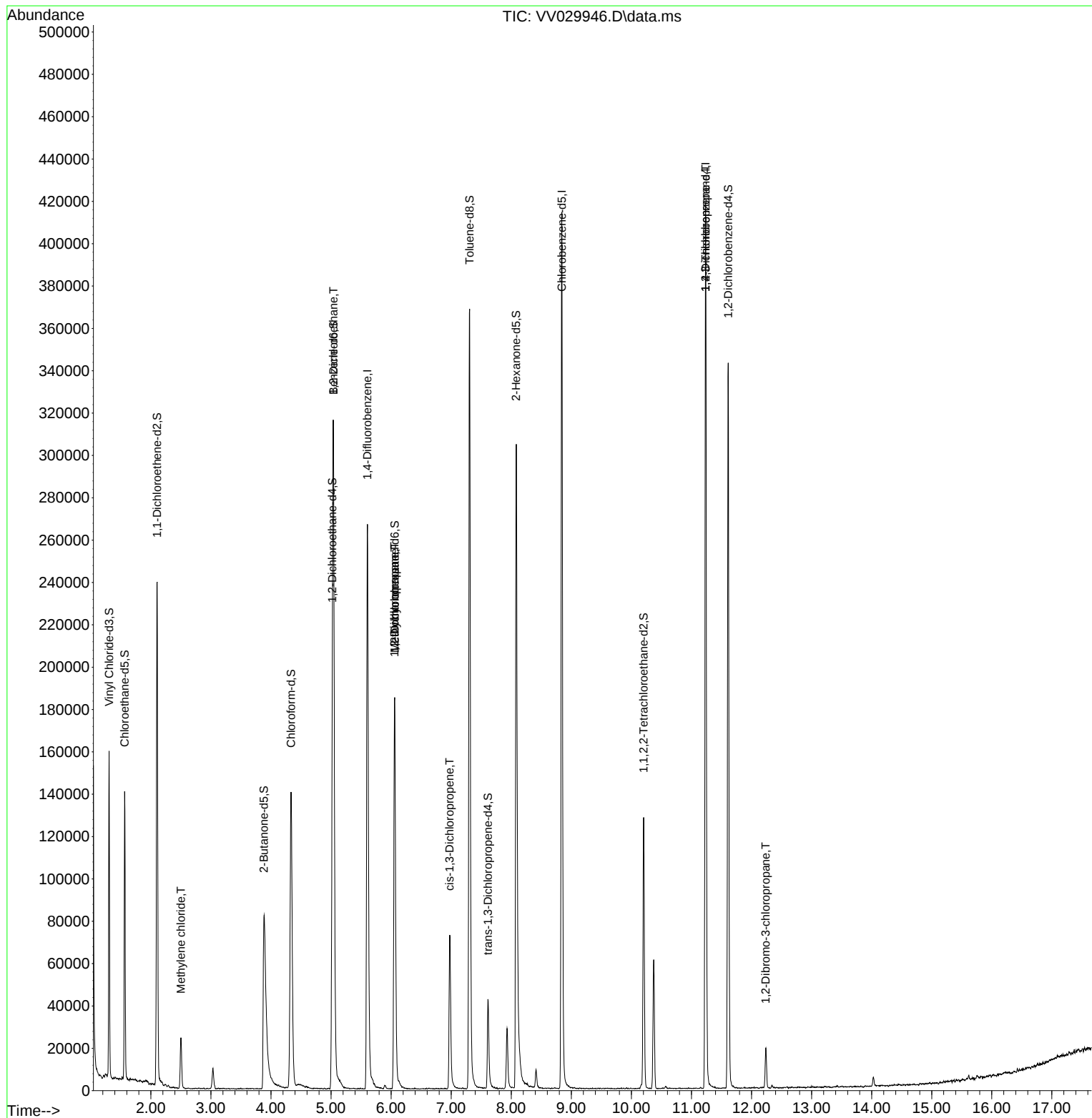
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.606  | 114   | 246339   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.841  | 117   | 237862   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.236 | 152   | 115489   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 95496    | 5.111    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 102.200% |
| 7) Chloroethane-d5            | 1.564  | 69    | 85982    | 5.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 111.000% |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 128146   | 3.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 75.200%  |
| 20) 2-Butanone-d5             | 3.883  | 46    | 138802   | 41.913   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.820%  |
| 24) Chloroform-d              | 4.333  | 84    | 151529   | 4.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.021  | 65    | 65956    | 4.544    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 32) Benzene-d6                | 5.040  | 84    | 309707   | 4.389    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.059  | 67    | 99518    | 4.819    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.400%  |
| 41) Toluene-d8                | 7.307  | 98    | 259553   | 3.973    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.400%  |
| 43) trans-1,3-Dichloroprop... | 7.612  | 79    | 26565    | 3.522    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 70.400%  |
| 46) 2-Hexanone-d5             | 8.082  | 63    | 116816   | 38.047   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 76.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84    | 65638    | 4.338    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 91599    | 4.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.500  | 84    | 10206    | 0.391    | ug/L   | 87       |
| 27) 1,2-Dichloroethane        | 5.040  | 62    | 1610     | 0.093    | ug/L # | 71       |
| 35) Methylcyclohexane         | 6.059  | 83    | 22353    | 0.664    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.056  | 63    | 9811     | 0.533    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.976  | 75    | 1740     | 0.070    | ug/L # | 55       |
| 61) 1,2,3-Trichloropropane    | 11.236 | 75    | 13128    | 1.535    | ug/L # | 66       |
| 68) 1,2-Dibromo-3-chloropr... | 12.236 | 75    | 677      | 0.335    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

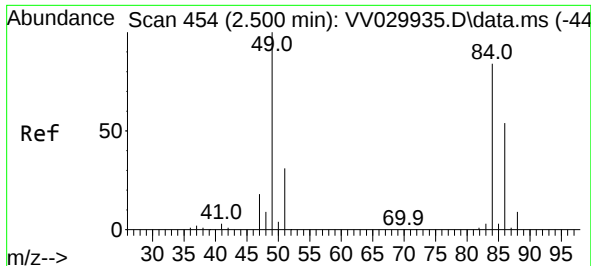
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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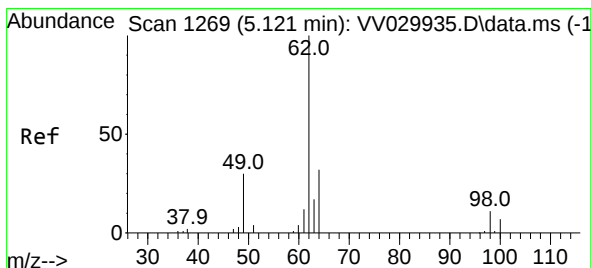
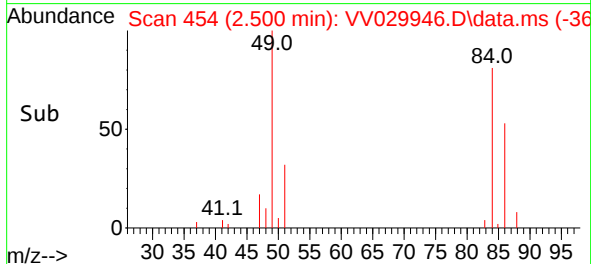
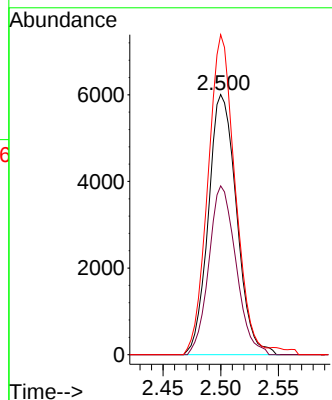
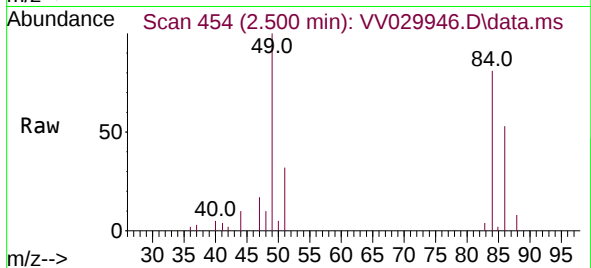




#16  
Methylene chloride  
Concen: 0.391 ug/L  
RT: 2.500 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV029946.D  
Acq: 25 Jan 2023 16:18

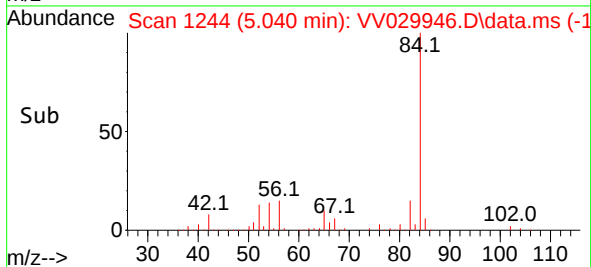
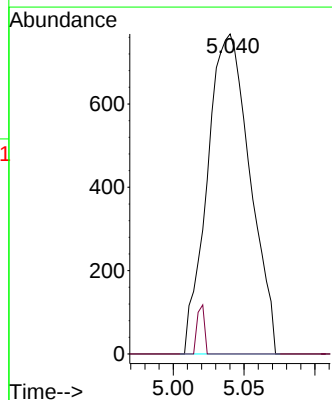
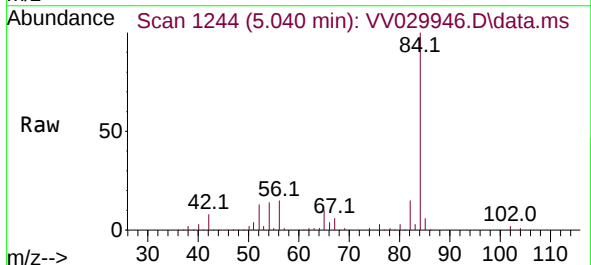
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

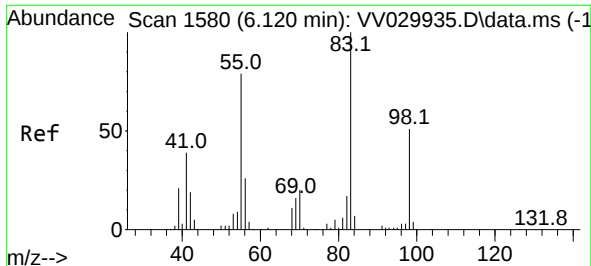
Tgt Ion: 84 Resp: 10206  
Ion Ratio Lower Upper  
84 100  
86 64.9 45.0 83.6  
49 123.0 71.5 132.7



#27  
1,2-Dichloroethane  
Concen: 0.093 ug/L  
RT: 5.040 min Scan# 1244  
Delta R.T. -0.080 min  
Lab File: VV029946.D  
Acq: 25 Jan 2023 16:18

Tgt Ion: 62 Resp: 1610  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.9 13.3#

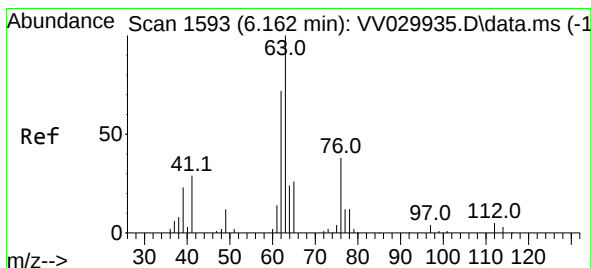
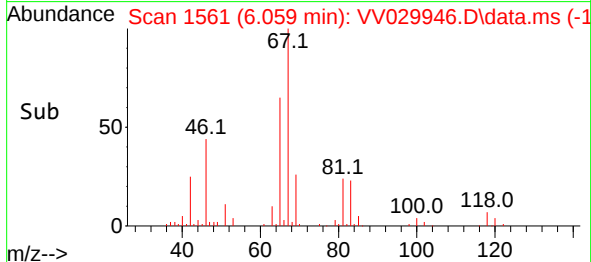
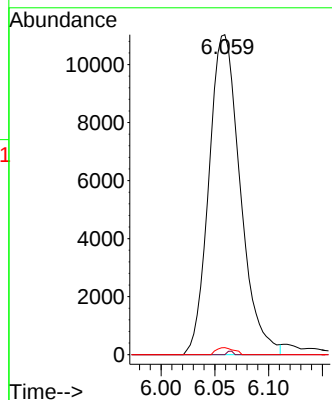
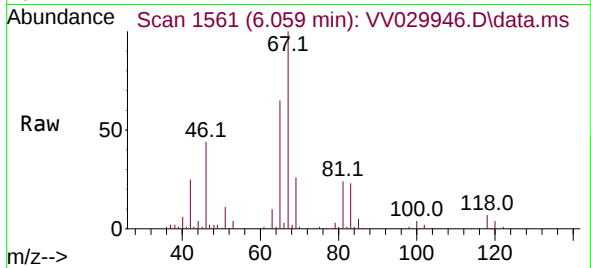




#35  
Methylcyclohexane  
Concen: 0.664 ug/L  
RT: 6.059 min Scan# 1561  
Delta R.T. -0.061 min  
Lab File: VV029946.D  
Acq: 25 Jan 2023 16:18

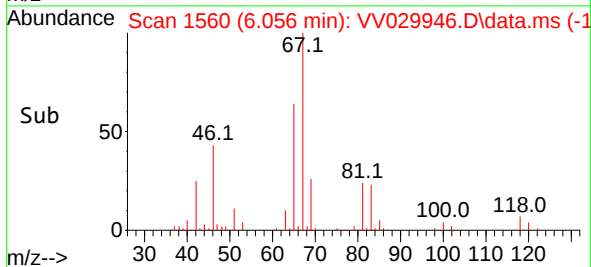
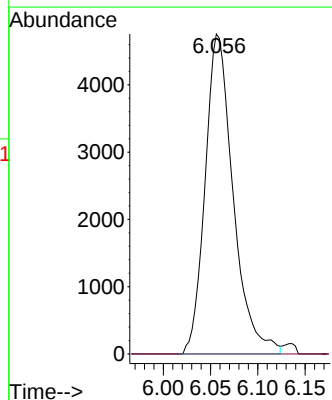
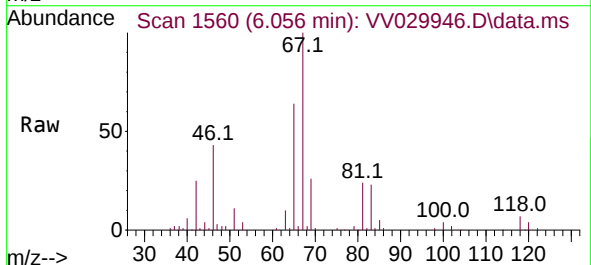
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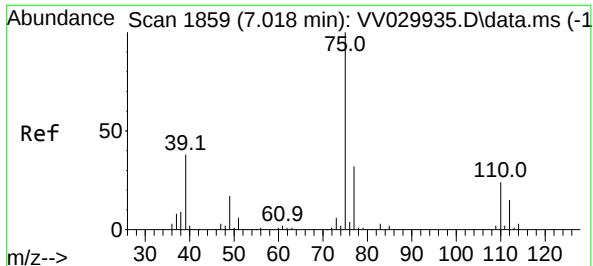
Tgt Ion: 83 Resp: 22353  
Ion Ratio Lower Upper  
83 100  
55 0.2 57.3 85.9#  
98 1.2 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.533 ug/L  
RT: 6.056 min Scan# 1560  
Delta R.T. -0.106 min  
Lab File: VV029946.D  
Acq: 25 Jan 2023 16:18

Tgt Ion: 63 Resp: 9811  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029946.D

Acq: 25 Jan 2023 16:18

Instrument :

MSVOA\_V

ClientSampleId :

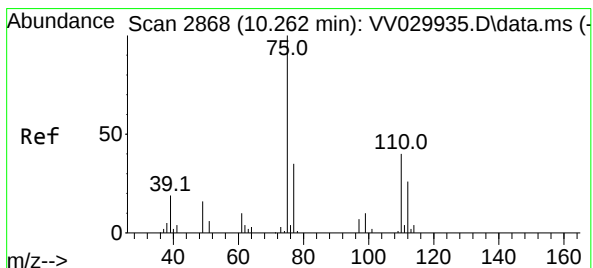
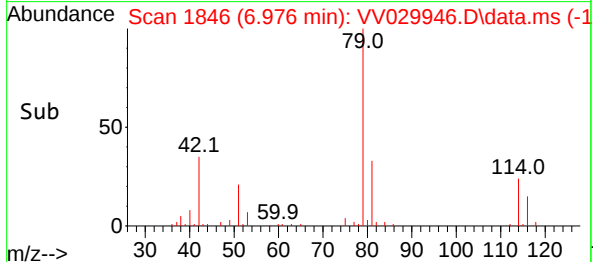
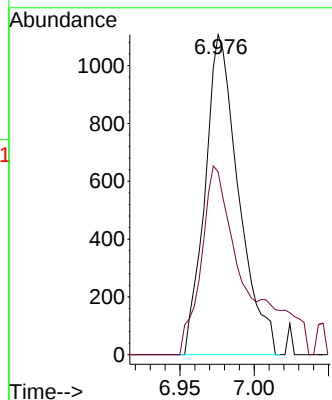
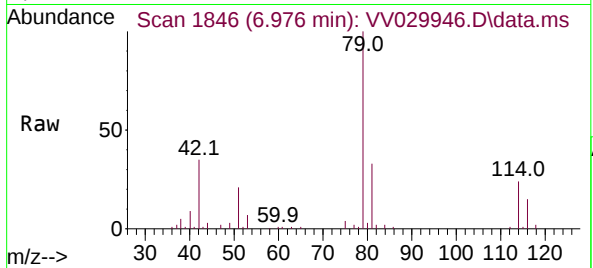
VHBLK001

Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

77 57.1 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.535 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029946.D

Acq: 25 Jan 2023 16:18

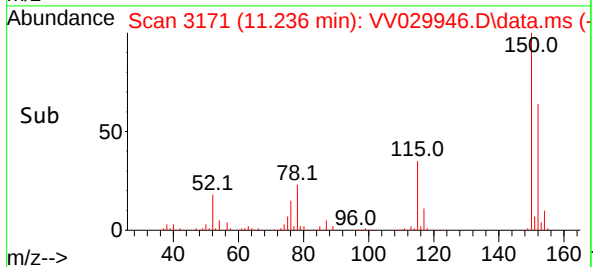
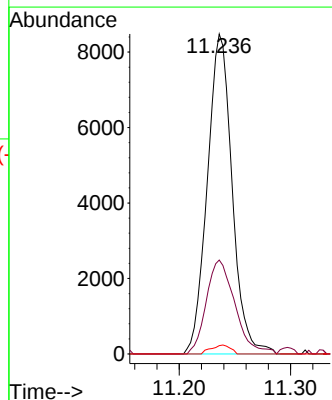
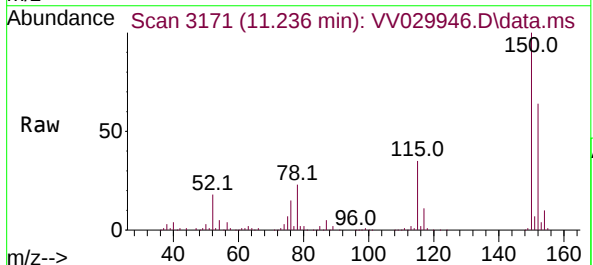
Tgt Ion: 75 Resp: 13128

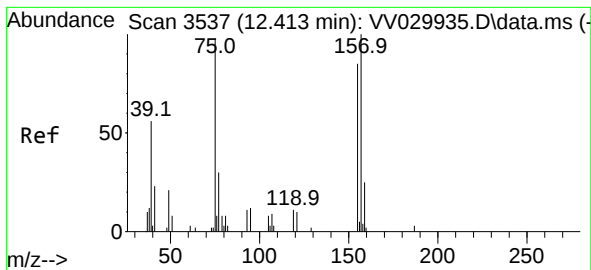
Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

110 2.2 31.8 47.8#





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.335 ug/L  
 RT: 12.236 min Scan# 34  
 Delta R.T. -0.177 min  
 Lab File: VV029946.D  
 Acq: 25 Jan 2023 16:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Tgt Ion: 75 Resp: 677  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 75.5 113.3#  
 157 0.0 99.2 148.8#

