

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012523\  
 Data File : VW029947.D  
 Acq On : 25 Jan 2023 16:41  
 Operator : SY/MD  
 Sample : 01277-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jan 25 22:15:26 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

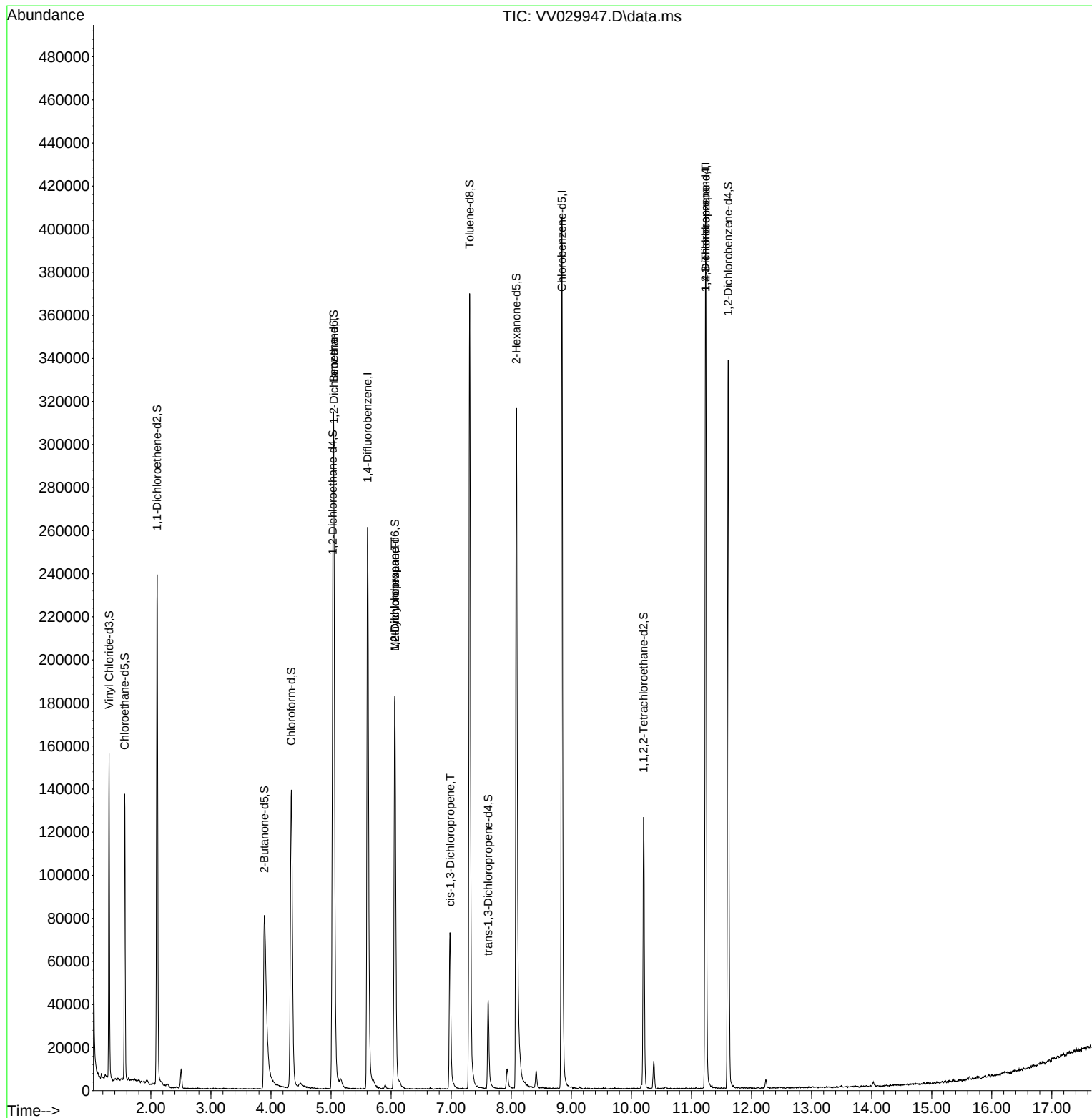
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114   | 235735   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 233277   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.236 | 152   | 112927   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 93473    | 5.228    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 104.600% |
| 7) Chloroethane-d5            | 1.565  | 69    | 84490    | 5.700    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 114.000% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 124714   | 3.826    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.600%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 146119   | 46.107   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.220%  |
| 24) Chloroform-d              | 4.339  | 84    | 148064   | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 65942    | 4.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.000%  |
| 32) Benzene-d6                | 5.043  | 84    | 302596   | 4.373    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 99194    | 4.898    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.000%  |
| 41) Toluene-d8                | 7.307  | 98    | 258058   | 4.028    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.600%  |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79    | 26858    | 3.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 72.600%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 121204   | 40.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84    | 65500    | 4.414    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 92720    | 4.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 1586     | 0.096    | ug/L # | 71       |
| 35) Methylcyclohexane         | 6.063  | 83    | 22287    | 0.675    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.063  | 63    | 10187    | 0.564    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75    | 1935     | 0.080    | ug/L # | 58       |
| 61) 1,2,3-Trichloropropane    | 11.236 | 75    | 12831    | 1.534    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

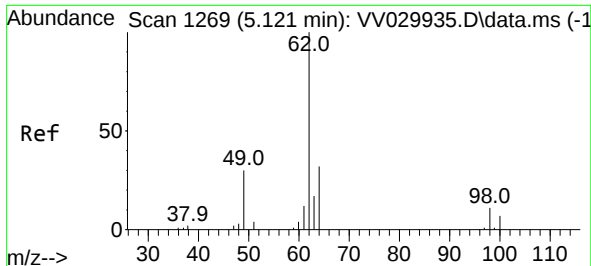
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 25 22:12:17 2023  
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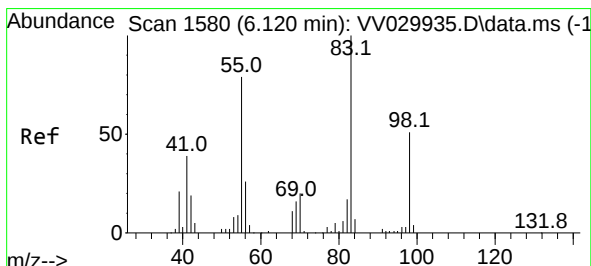
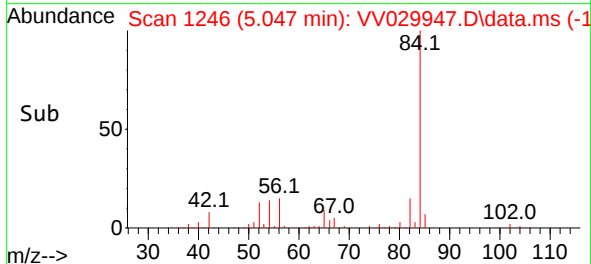
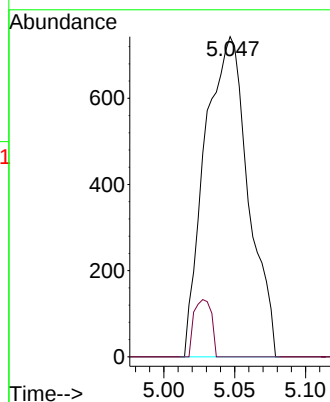
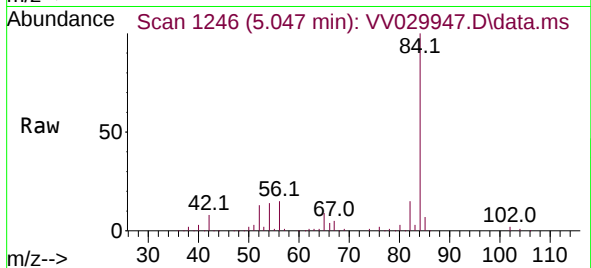




#27  
1,2-Dichloroethane  
Concen: 0.096 ug/L  
RT: 5.047 min Scan# 11  
Delta R.T. -0.074 min  
Lab File: VV029947.D  
Acq: 25 Jan 2023 16:41

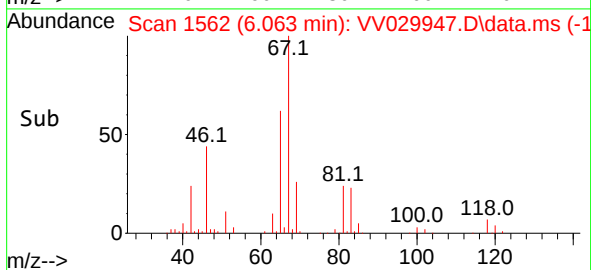
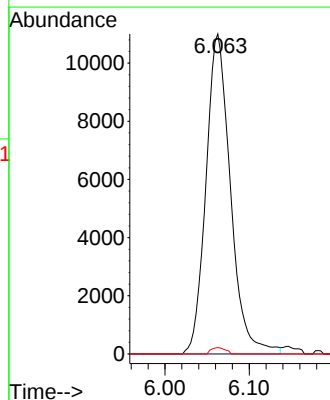
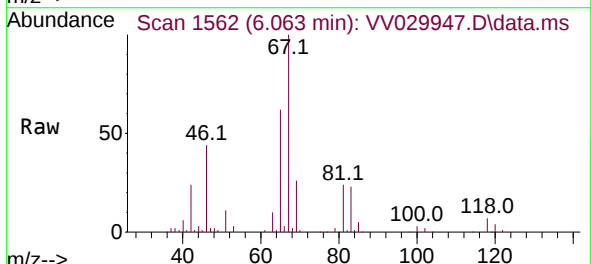
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

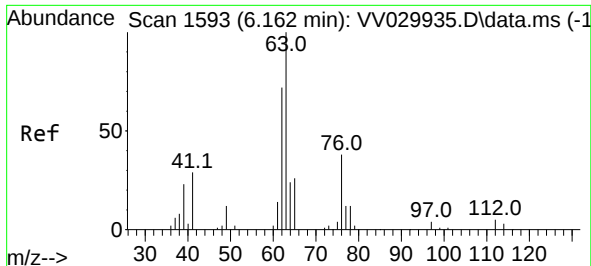
Tgt Ion: 62 Resp: 1586  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.9 13.3#



#35  
Methylcyclohexane  
Concen: 0.675 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.058 min  
Lab File: VV029947.D  
Acq: 25 Jan 2023 16:41

Tgt Ion: 83 Resp: 22287  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.3 85.9#  
98 1.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029947.D

Acq: 25 Jan 2023 16:41

Instrument :

MSVOA\_V

ClientSampleId :

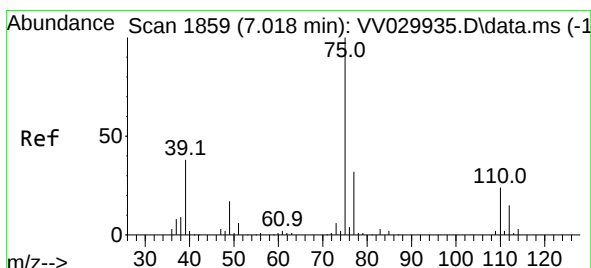
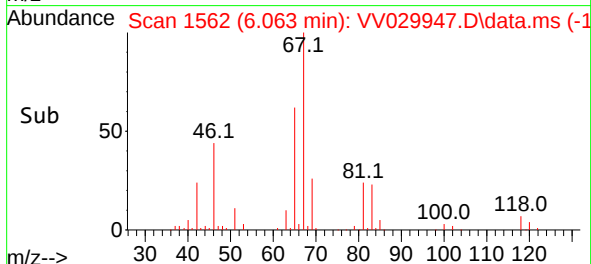
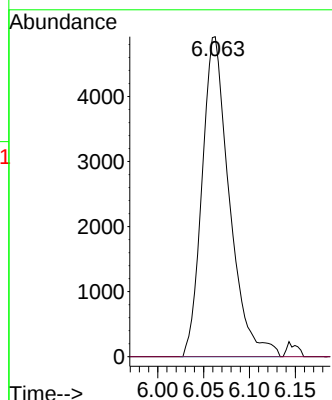
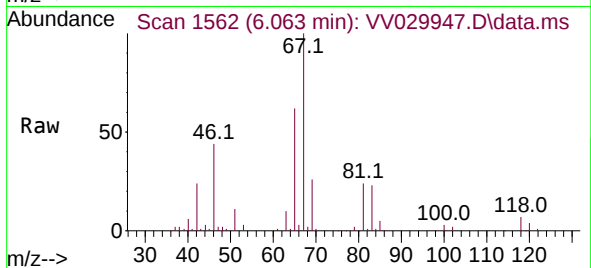
VHBLK001

Tgt Ion: 63 Resp: 10187

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.032 min

Lab File: VV029947.D

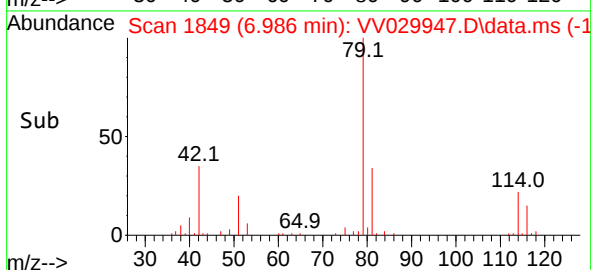
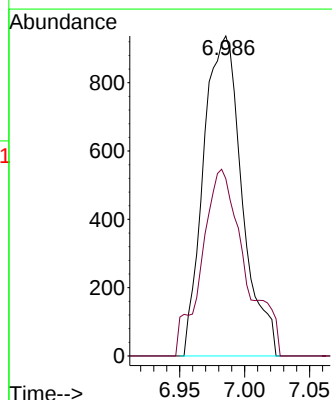
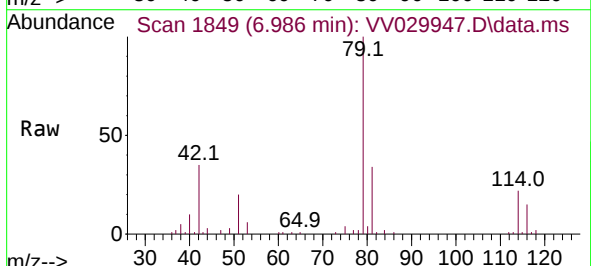
Acq: 25 Jan 2023 16:41

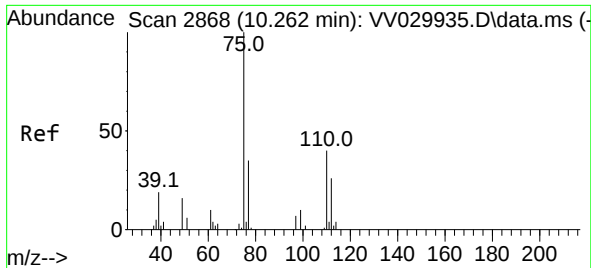
Tgt Ion: 75 Resp: 1935

Ion Ratio Lower Upper

75 100

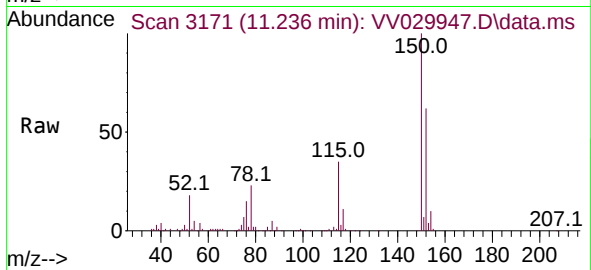
77 55.4 22.4 41.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.534 ug/L  
 RT: 11.236 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV029947.D  
 Acq: 25 Jan 2023 16:41

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12831 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.3  | 26.5  | 39.7  |
| 110      | 2.3   | 31.8  | 47.8# |

