

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
 Data File : VV027840.D  
 Acq On : 14 Sep 2022 20:02  
 Operator : SY/MD  
 Sample : N4618-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

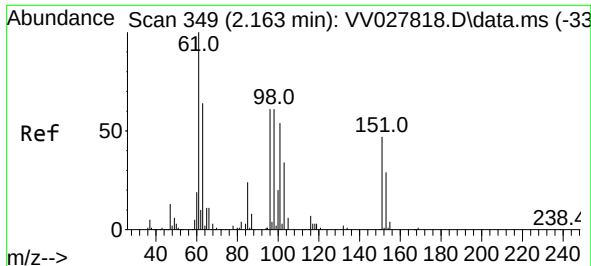
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0E49

Quant Time: Sep 15 02:54:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 119420   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 119099   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 57773    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 29810    | 3.787  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.800% |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 31507    | 4.718  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 94.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 55018    | 3.294  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.800% |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 50266    | 28.813 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 57.620% |          |
| 24) Chloroform-d              | 4.349  | 84             | 77330    | 4.798  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 39389    | 4.589  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.800% |          |
| 32) Benzene-d6                | 5.047  | 84             | 139003   | 4.023  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.400% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 39519    | 3.907  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 78.200% |          |
| 41) Toluene-d8                | 7.313  | 98             | 118952   | 4.094  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 12743    | 3.755  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 75.000% |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 47419    | 37.589 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 75.180% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 27197    | 4.187  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 83.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 44128    | 4.650  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.000% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 12) 1,1-Dichloroethene        | 2.117  | 96             | 3261     | 0.412  | ug/L #  | 1        |
| 19) 1,1-Dichloroethane        | 3.191  | 63             | 755      | 0.048  | ug/L #  | 76       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 1171     | 0.129  | ug/L #  | 54       |
| 25) Chloroform                | 4.371  | 83             | 4798     | 0.276  | ug/L    | 99       |
| 34) Trichloroethene           | 5.911  | 95             | 48137    | 4.889  | ug/L    | 99       |
| 35) Methylcyclohexane         | 6.066  | 83             | 10851    | 0.718  | ug/L #  | 18       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5047     | 0.541  | ug/L #  | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 782      | 0.066  | ug/L #  | 25       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 5707     | 1.247  | ug/L #  | 62       |

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





#12

1,1-Dichloroethene

Concen: 0.412 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027840.D

Acq: 14 Sep 2022 20:02

Instrument :

MSVOA\_V

ClientSampleId :

C0E49

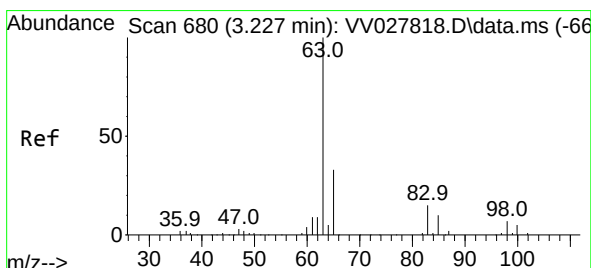
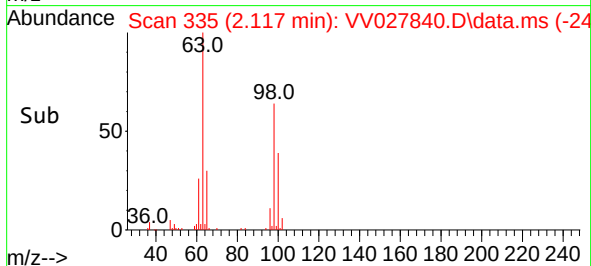
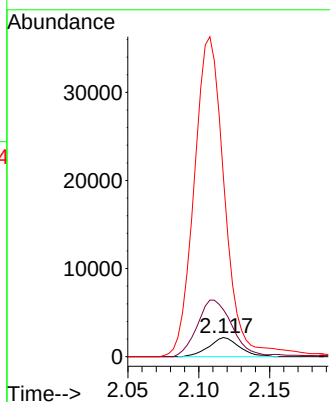
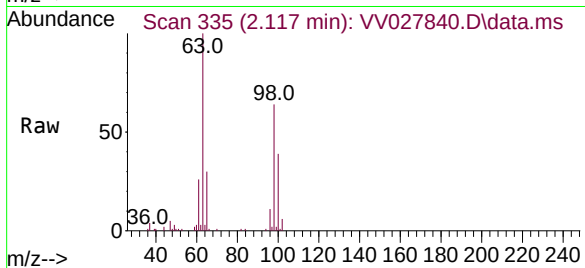
Tgt Ion: 96 Resp: 3261

Ion Ratio Lower Upper

96 100

61 244.9 129.9 241.3#

63 931.3 94.6 175.8#



#19

1,1-Dichloroethane

Concen: 0.048 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV027840.D

Acq: 14 Sep 2022 20:02

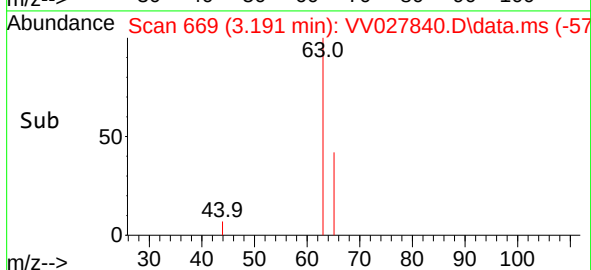
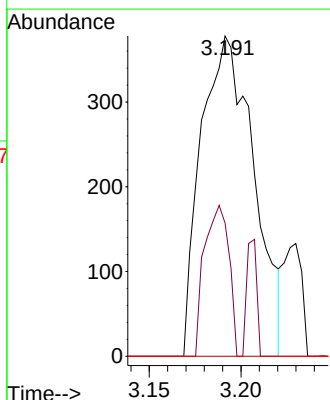
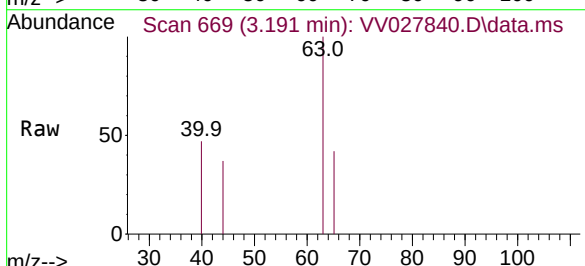
Tgt Ion: 63 Resp: 755

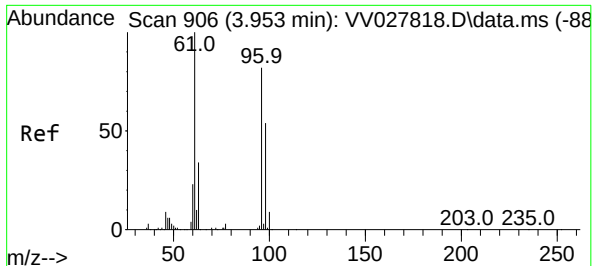
Ion Ratio Lower Upper

63 100

65 41.5 22.0 41.0#

83 0.0 10.1 18.9#

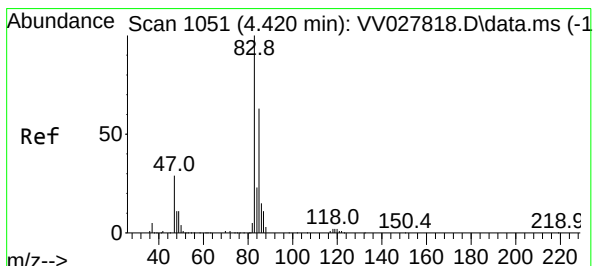
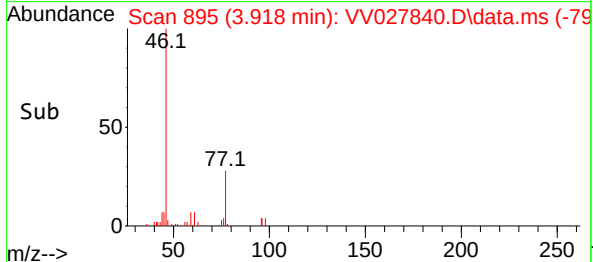
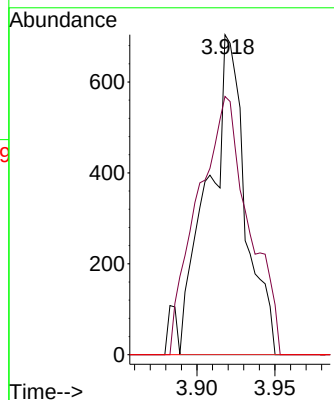
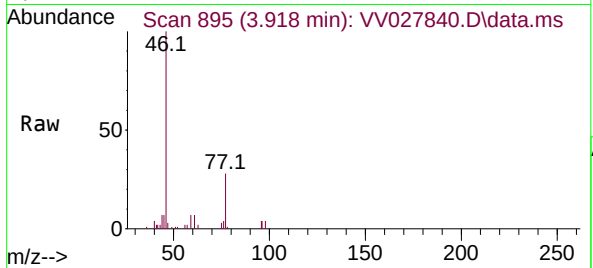




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.129 ug/L  
 RT: 3.918 min Scan# 895  
 Delta R.T. 0.013 min  
 Lab File: VV027840.D  
 Acq: 14 Sep 2022 20:02

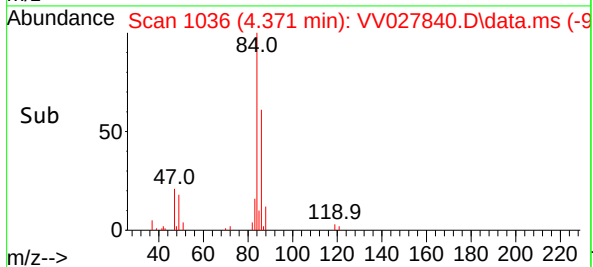
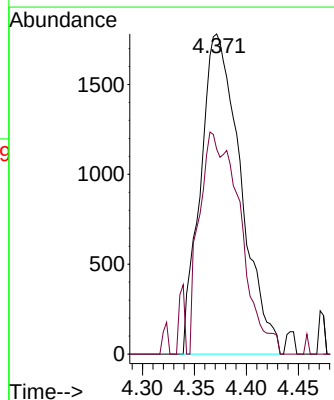
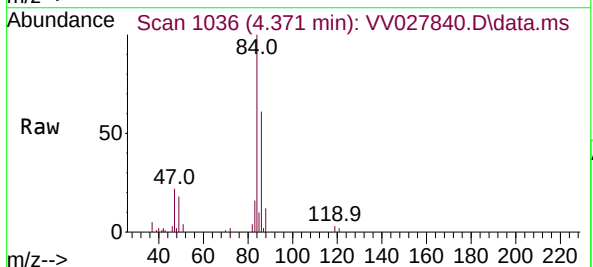
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0E49

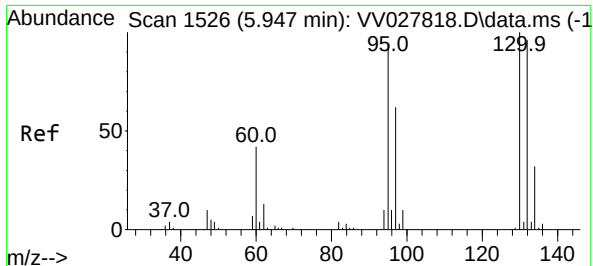
Tgt Ion: 96 Resp: 1171  
 Ion Ratio Lower Upper  
 96 100  
 61 80.7 94.6 175.6#  
 68 0.0 0.3 0.5#



#25  
 Chloroform  
 Concen: 0.276 ug/L  
 RT: 4.371 min Scan# 1036  
 Delta R.T. 0.003 min  
 Lab File: VV027840.D  
 Acq: 14 Sep 2022 20:02

Tgt Ion: 83 Resp: 4798  
 Ion Ratio Lower Upper  
 83 100  
 85 64.0 45.4 84.2



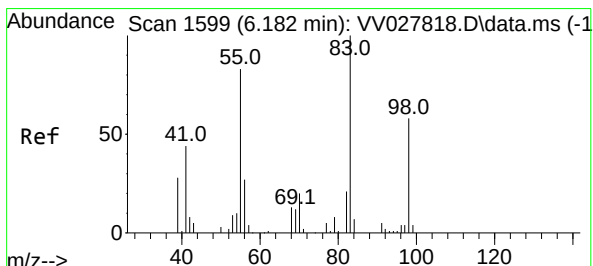
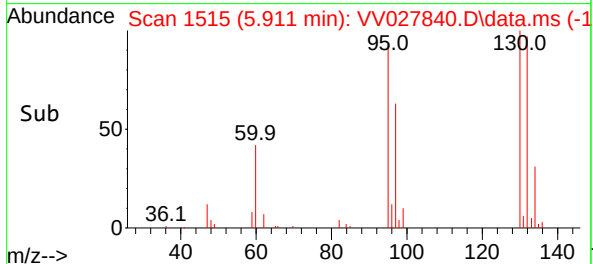
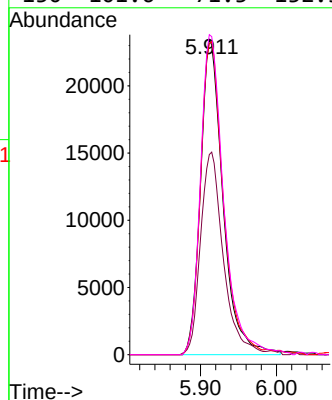
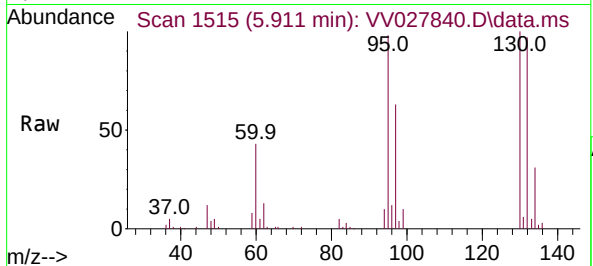


#34  
Trichloroethene  
Concen: 4.889 ug/L  
RT: 5.911 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV027840.D  
Acq: 14 Sep 2022 20:02

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0E49

Tgt Ion: 95 Resp: 48137

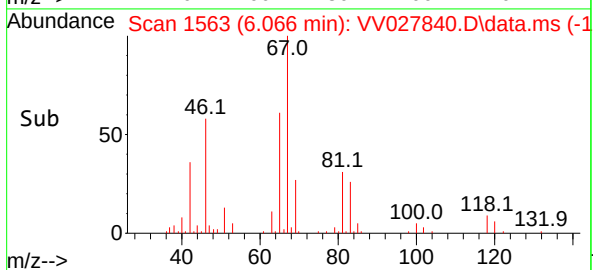
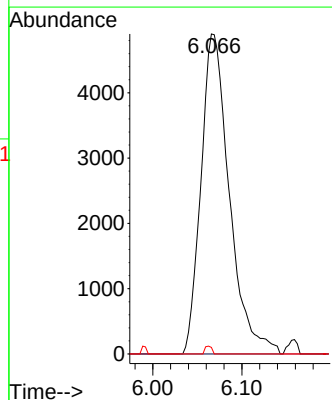
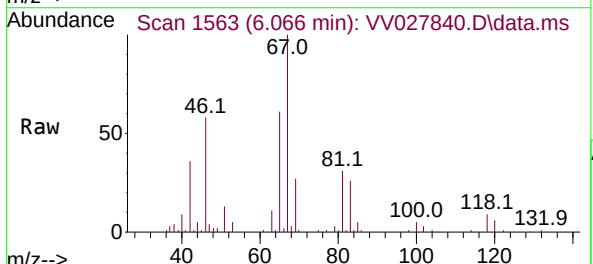
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.6  | 42.9  | 79.7  |
| 132 | 98.7  | 67.9  | 126.1 |
| 130 | 101.6 | 71.3  | 132.3 |

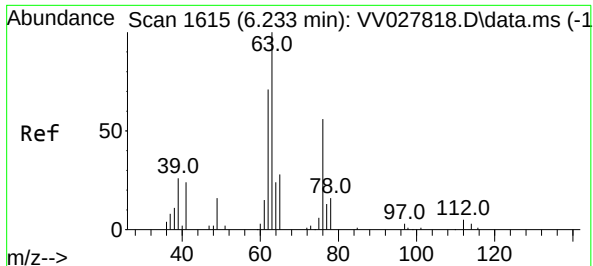


#35  
Methylcyclohexane  
Concen: 0.718 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.058 min  
Lab File: VV027840.D  
Acq: 14 Sep 2022 20:02

Tgt Ion: 83 Resp: 10851

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 61.9  | 92.9# |
| 98  | 0.6   | 37.5  | 56.3# |





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV027840.D

Acq: 14 Sep 2022 20:02

Instrument :

MSVOA\_V

ClientSampleId :

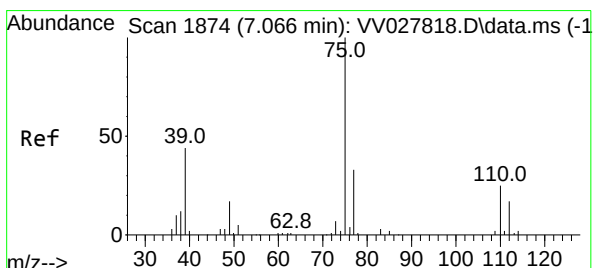
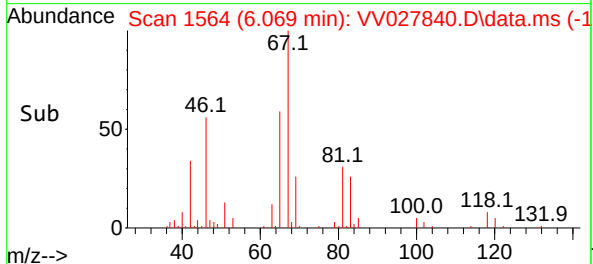
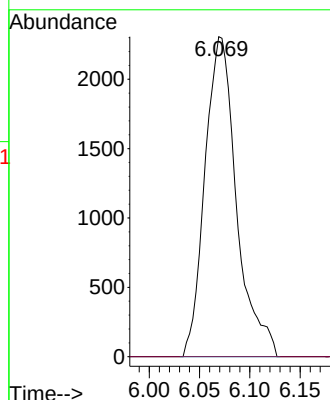
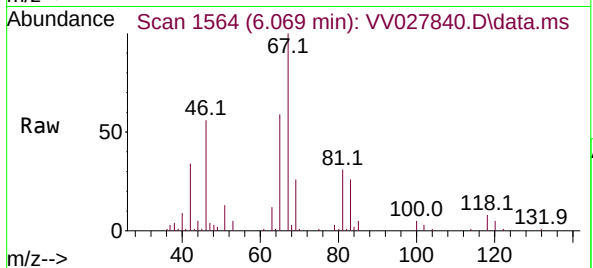
C0E49

Tgt Ion: 63 Resp: 5047

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV027840.D

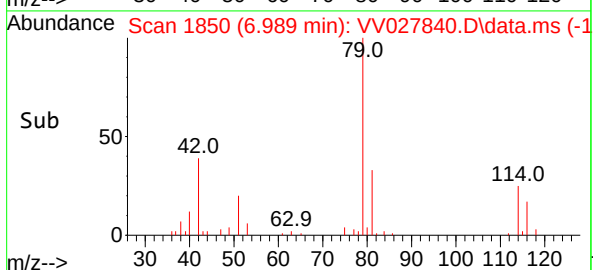
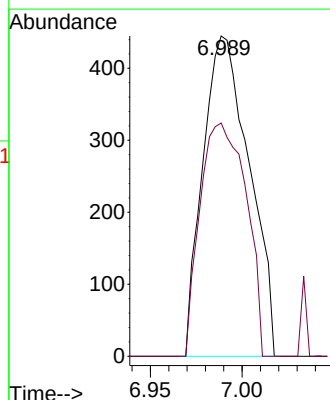
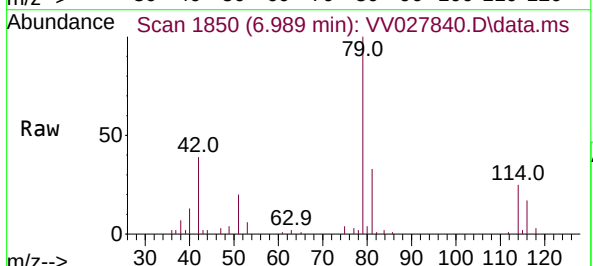
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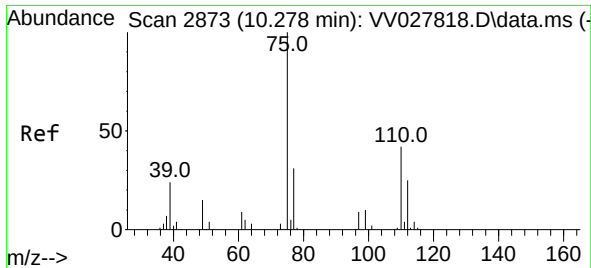
Tgt Ion: 75 Resp: 782

Ion Ratio Lower Upper

75 100

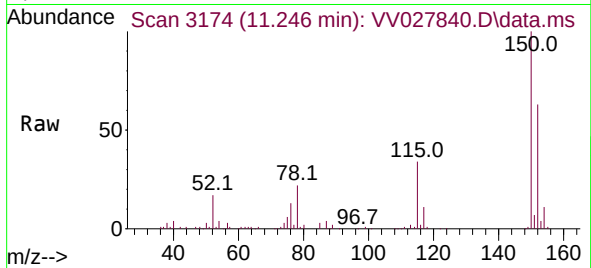
77 72.8 22.0 40.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.247 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV027840.D  
 Acq: 14 Sep 2022 20:02

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0E49



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 34.1  | 27.6  | 41.4  |
| 110     | 0.7   | 35.6  | 53.4  |

