

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091123\  
 Data File : VV032035.D  
 Acq On : 11 Sep 2023 18:45  
 Operator : SY/MD  
 Sample : 04306-15 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 12 06:01:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 09 21:51:31 2023  
 Response via : Initial Calibration

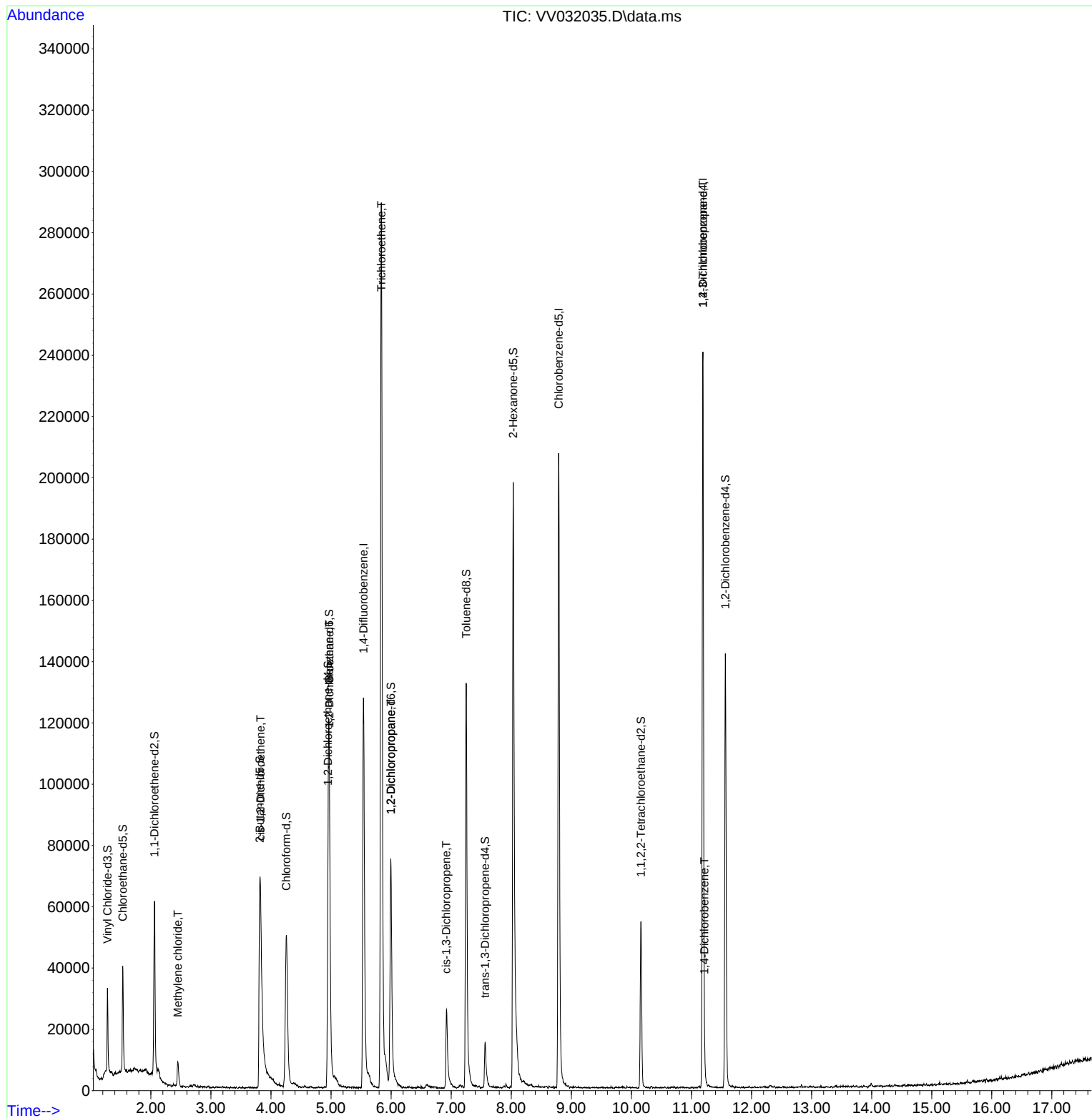
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114            | 109523   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 114759   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 60341    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 17652    | 4.772  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.400%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 21890    | 5.166  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 103.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65             | 9698     | 4.455  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 89.000%  |          |
| 20) 2-Butanone-d5             | 3.812  | 46             | 101911   | 56.913 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 113.820% |          |
| 24) Chloroform-d              | 4.256  | 84             | 54333    | 4.340  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 29068    | 4.506  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.200%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 106799   | 4.090  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 39175    | 4.254  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.000%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 92988    | 3.837  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 10315    | 3.072  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 61.400%  |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 74779    | 41.769 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 83.540%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 28838    | 4.365  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 35043    | 3.586  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 71.800%# |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 2.449  | 84             | 3063     | 0.382  | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96             | 15439    | 2.398  | ug/L     | 92       |
| 27) 1,2-Dichloroethane        | 4.973  | 62             | 721      | 0.103  | ug/L #   | 75       |
| 34) Trichloroethene           | 5.837  | 95             | 109913   | 14.226 | ug/L     | 97       |
| 37) 1,2-Dichloropropane       | 5.995  | 63             | 3861     | 0.530  | ug/L #   | 87       |
| 39) cis-1,3-Dichloropropene   | 6.918  | 75             | 797      | 0.072  | ug/L #   | 48       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75             | 8490     | 1.910  | ug/L #   | 70       |
| 65) 1,4-Dichlorobenzene       | 11.217 | 146            | 1204     | 0.079  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

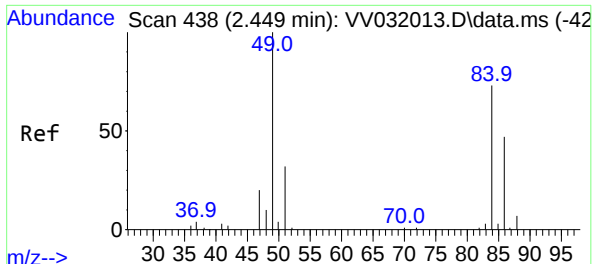
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

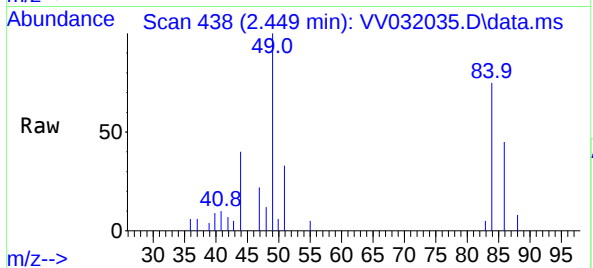
Quant Time: Sep 12 06:01:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Sep 09 21:51:31 2023  
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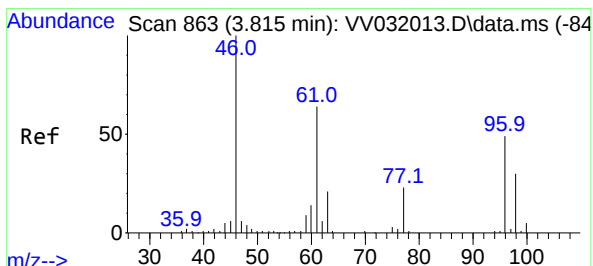
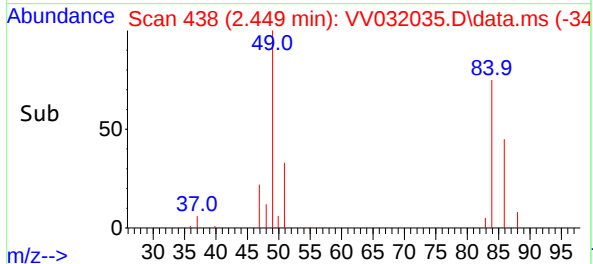
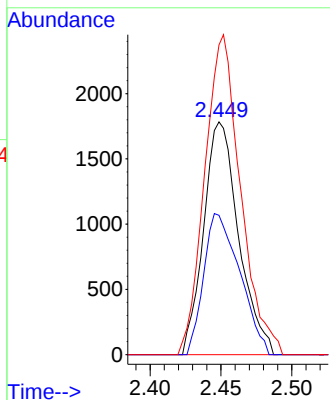
#16  
Methylene chloride  
Concen: 0.382 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 84 Resp: 3063

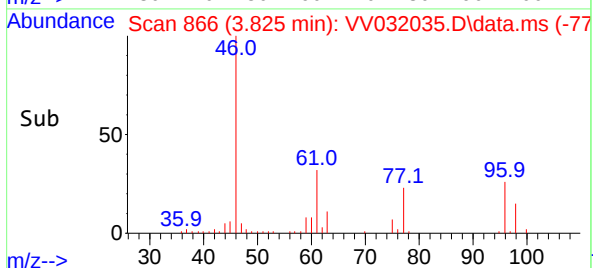
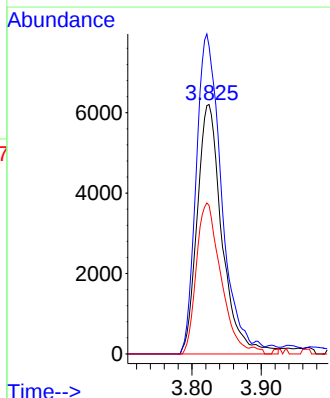
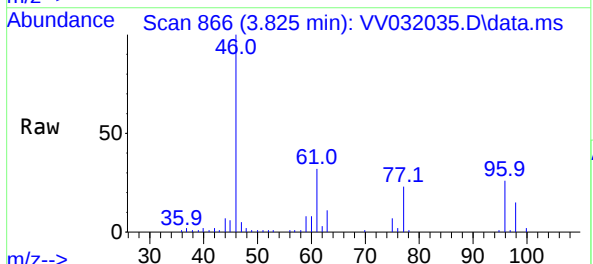
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 59.9  | 42.6  | 79.2  |
| 49  | 133.1 | 88.5  | 164.4 |

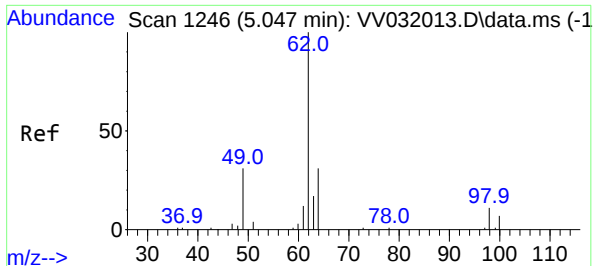


#22  
cis-1,2-Dichloroethene  
Concen: 2.398 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.010 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

Tgt Ion: 96 Resp: 15439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 123.4 | 94.1  | 174.8 |
| 98  | 59.5  | 43.8  | 81.4  |

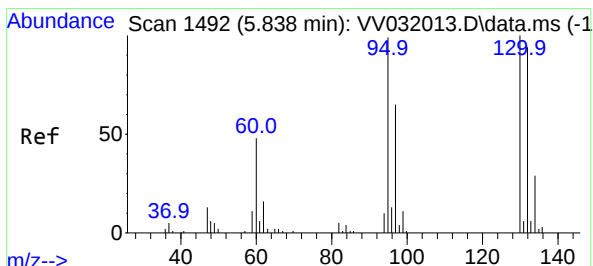
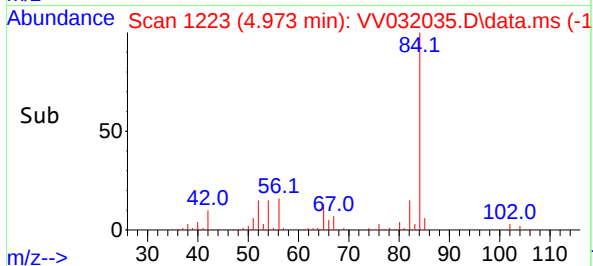
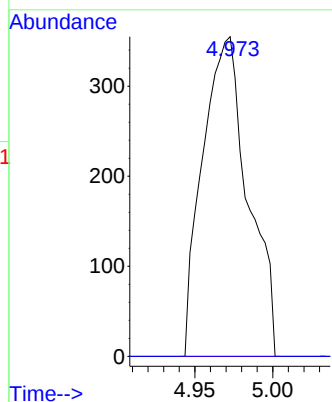
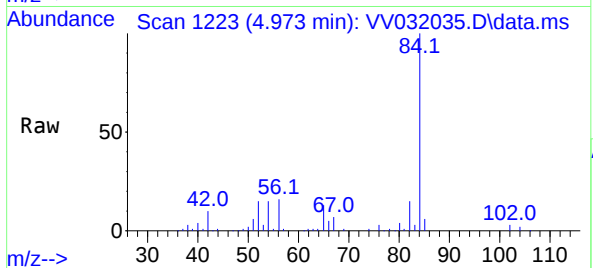




#27  
1,2-Dichloroethane  
Concen: 0.103 ug/L  
RT: 4.973 min Scan# 11  
Delta R.T. -0.074 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

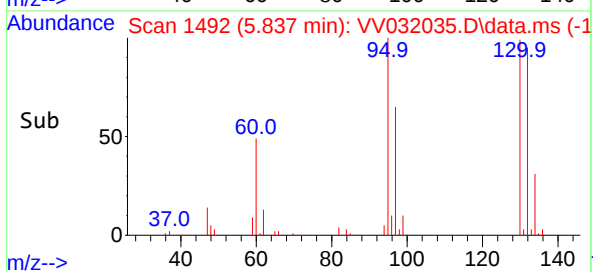
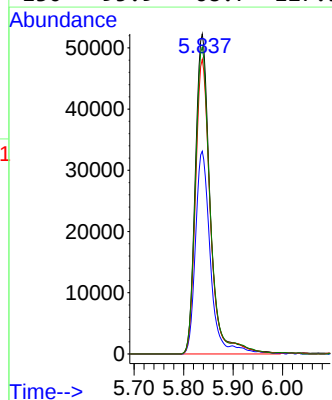
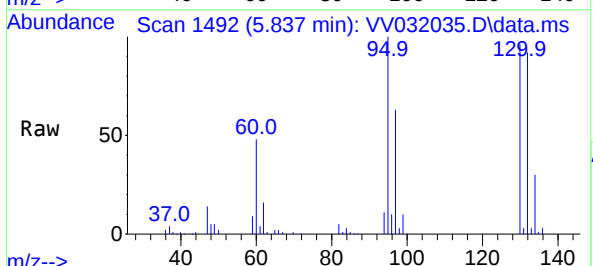
Instrument :  
MSVOA\_V  
ClientSampleId :

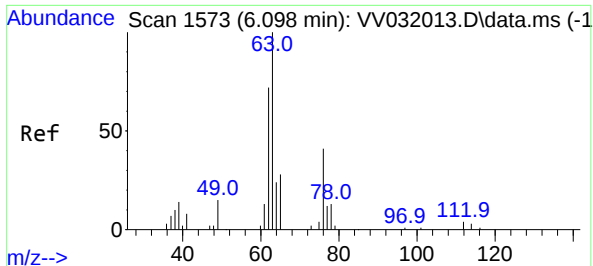
Tgt Ion: 62 Resp: 721  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.2 10.8#



#34  
Trichloroethene  
Concen: 14.226 ug/L  
RT: 5.837 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

Tgt Ion: 95 Resp: 109913  
Ion Ratio Lower Upper  
95 100  
97 63.4 47.7 88.7  
132 92.0 63.8 118.4  
130 95.9 68.7 127.5

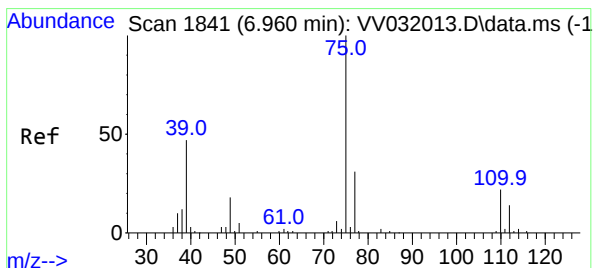
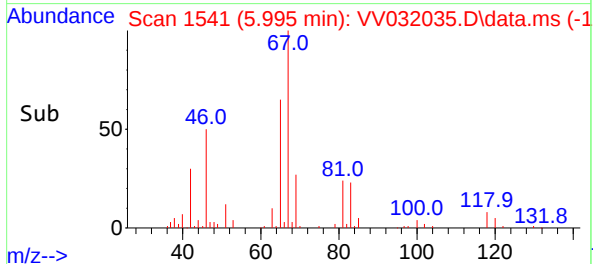
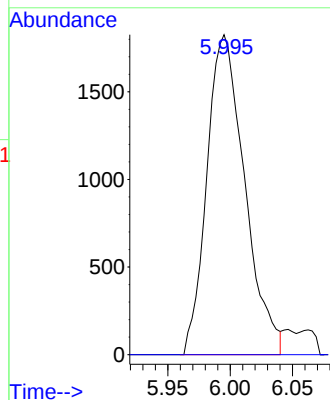
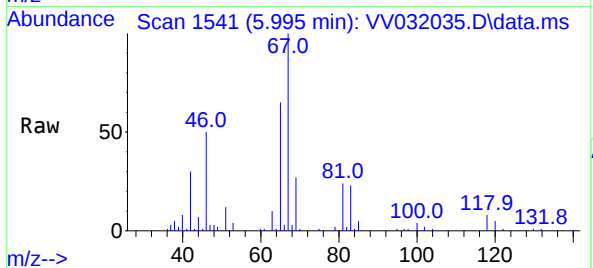




#37  
1,2-Dichloropropane  
Concen: 0.530 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

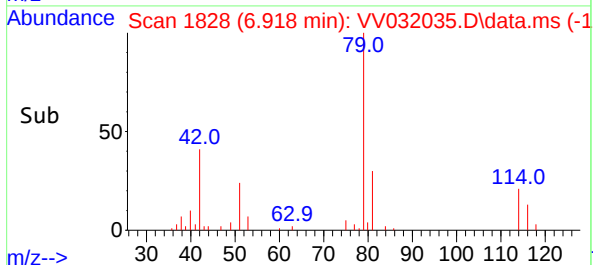
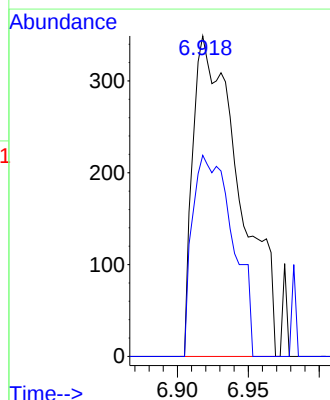
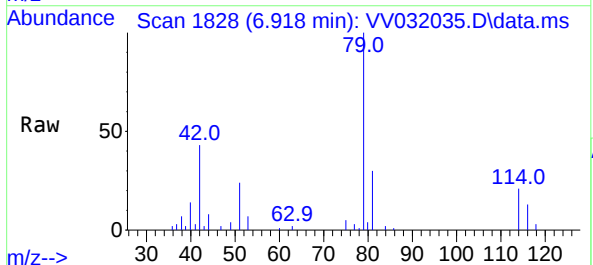
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MSVOA\_V  
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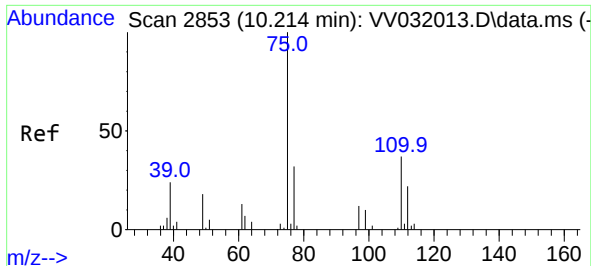
Tgt Ion: 63 Resp: 3861  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#



#39  
cis-1,3-Dichloropropene  
Concen: 0.072 ug/L  
RT: 6.918 min Scan# 1828  
Delta R.T. -0.042 min  
Lab File: VV032035.D  
Acq: 11 Sep 2023 18:45

Tgt Ion: 75 Resp: 797  
Ion Ratio Lower Upper  
75 100  
77 62.8 23.2 43.2#





#61

1,2,3-Trichloropropane

Concen: 1.910 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.977 min

Lab File: VV032035.D

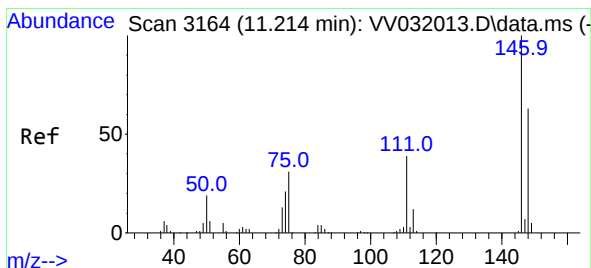
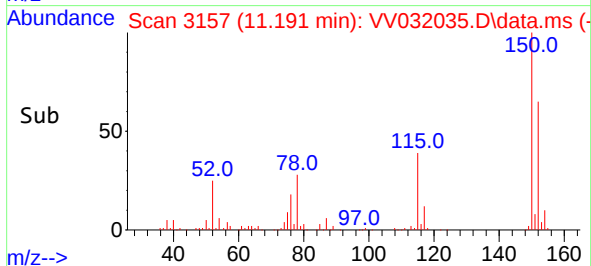
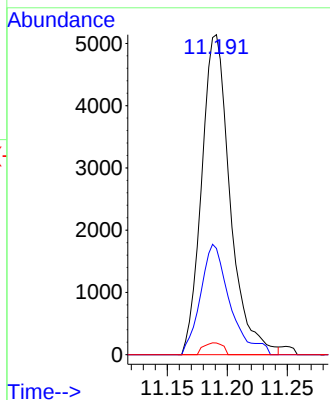
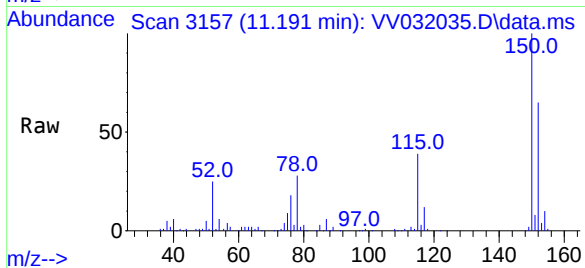
Acq: 11 Sep 2023 18:45

Instrument :

MSVOA\_V

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 8490  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 35.7  | 28.8  | 43.2  |
| 110       | 2.5   | 30.2  | 45.2# |



#65

1,4-Dichlorobenzene

Concen: 0.079 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VV032035.D

Acq: 11 Sep 2023 18:45

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 1204 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 41.3  | 29.2  | 54.2 |
| 148       | 61.4  | 44.0  | 81.6 |

