

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050123\  
 Data File : VV030948.D  
 Acq On : 01 May 2023 12:13  
 Operator : SY/MD  
 Sample : 02528-03 250X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 HOA35

Quant Time: May 02 01:33:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 29 01:06:38 2023  
 Response via : Initial Calibration

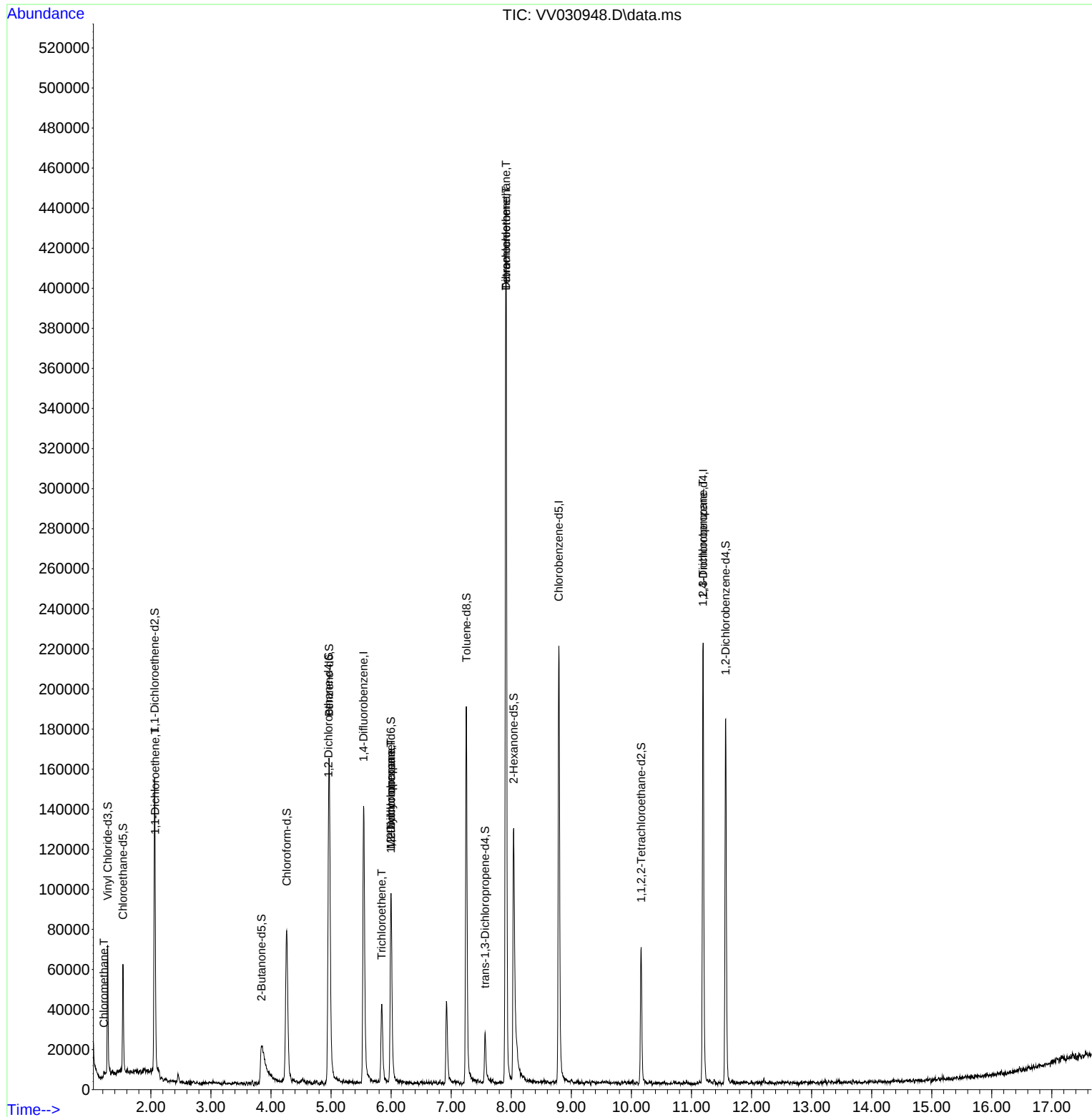
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 122226   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 119990   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 61373    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 42821    | 4.252  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.000% |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 34810    | 4.237  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 84.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 22120    | 4.151  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.000% |          |
| 20) 2-Butanone-d5             | 3.841  | 46             | 49659    | 27.809 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 55.620% |          |
| 24) Chloroform-d              | 4.262  | 84             | 81756    | 4.085  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.800% |          |
| 26) 1,2-Dichloroethane-d4     | 4.957  | 65             | 43059    | 4.232  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.600% |          |
| 32) Benzene-d6                | 4.969  | 84             | 142609   | 4.055  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 39632    | 3.875  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 77.600% |          |
| 41) Toluene-d8                | 7.252  | 98             | 124860   | 3.728  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 15349    | 4.004  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.000% |          |
| 46) 2-Hexanone-d5             | 8.040  | 63             | 47542    | 35.395 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 70.800% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 29063    | 3.921  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 78.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 47133    | 4.120  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 82.400% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         |          |
| 3) Chloromethane              | 1.220  | 50             | 951      | 0.084  | ug/L    | 93       |
| 12) 1,1-Dichloroethene        | 2.072  | 96             | 6336     | 0.770  | ug/L #  | 1        |
| 34) Trichloroethene           | 5.844  | 95             | 13056    | 1.623  | ug/L    | 91       |
| 35) Methylcyclohexane         | 5.998  | 83             | 11569    | 0.928  | ug/L #  | 19       |
| 37) 1,2-Dichloropropane       | 5.995  | 63             | 6416     | 0.896  | ug/L #  | 87       |
| 47) Tetrachloroethene         | 7.911  | 164            | 98379    | 12.817 | ug/L    | 97       |
| 49) Dibromochloromethane      | 7.911  | 129            | 80901    | 12.106 | ug/L #  | 10       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75             | 6846     | 1.776  | ug/L #  | 62       |
| -----                         |        |                |          |        |         |          |

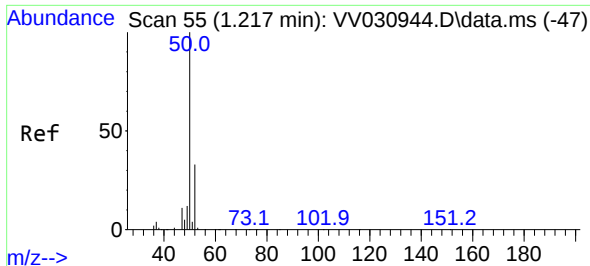
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 29 01:06:38 2023  
Response via : Initial Calibration

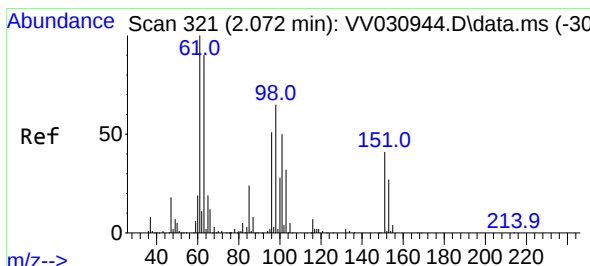
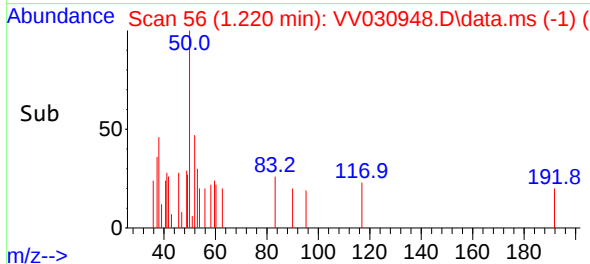
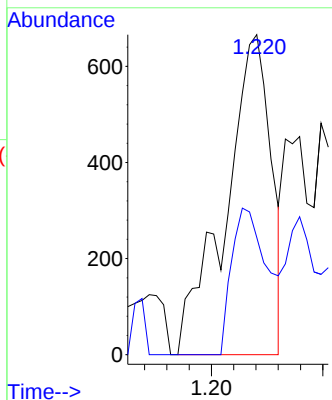
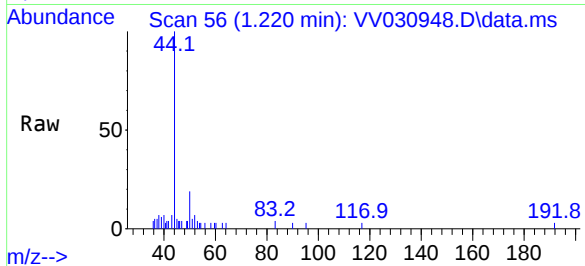




#3  
Chloromethane  
Concen: 0.084 ug/L  
RT: 1.220 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

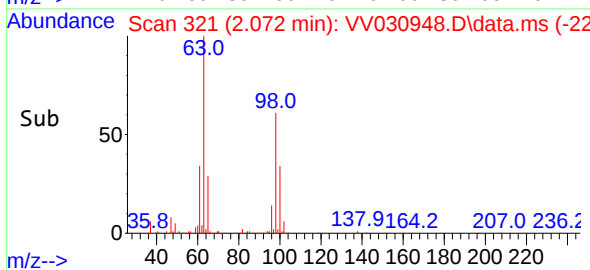
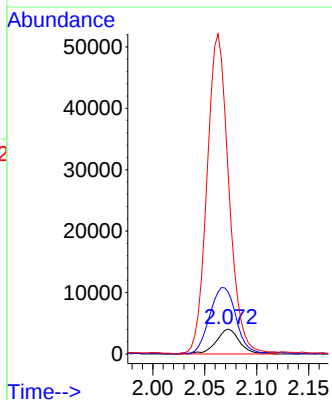
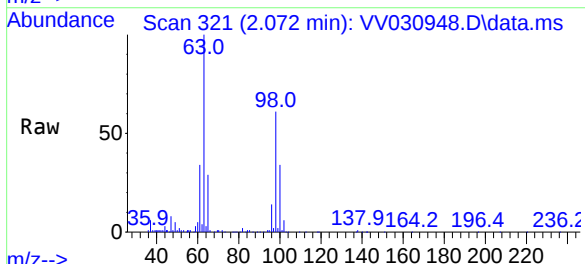
Instrument :  
MSVOA\_V  
ClientSampleId :  
HOA35

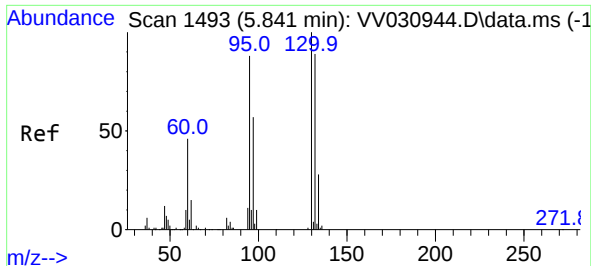
Tgt Ion: 50 Resp: 951  
Ion Ratio Lower Upper  
50 100  
52 36.6 22.8 42.4



#12  
1,1-Dichloroethene  
Concen: 0.770 ug/L  
RT: 2.072 min Scan# 321  
Delta R.T. -0.000 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

Tgt Ion: 96 Resp: 6336  
Ion Ratio Lower Upper  
96 100  
61 249.3 135.6 251.8  
63 730.4 121.1 224.9#

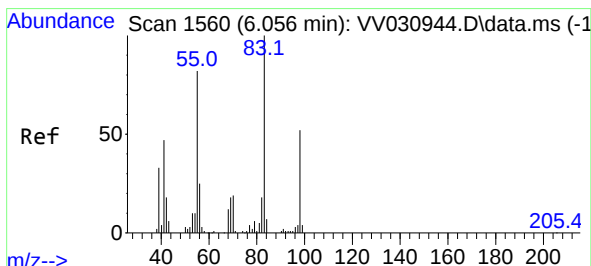
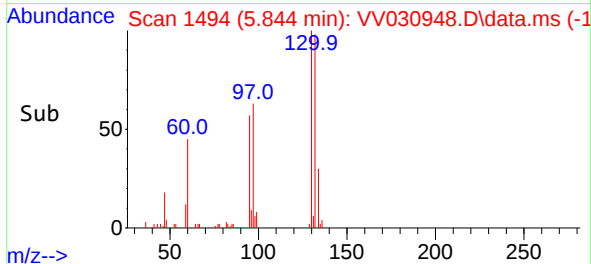
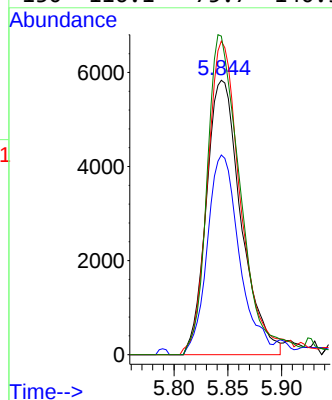
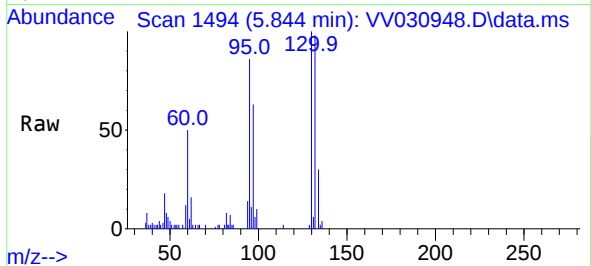




#34  
Trichloroethene  
Concen: 1.623 ug/L  
RT: 5.844 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

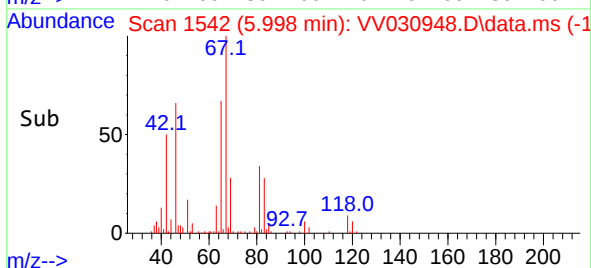
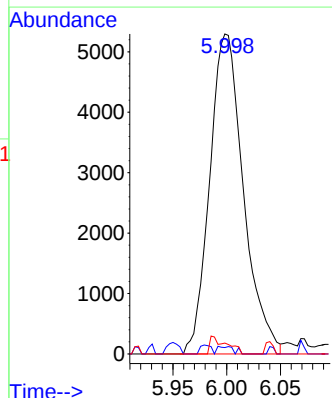
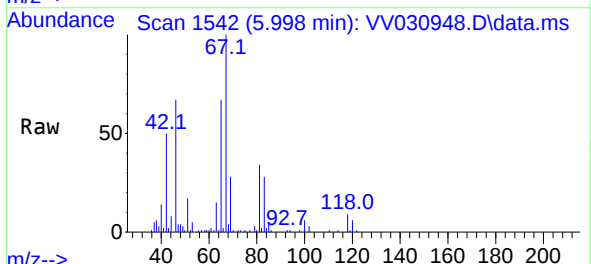
Instrument : MSVOA\_V  
ClientSampleId : HOA35

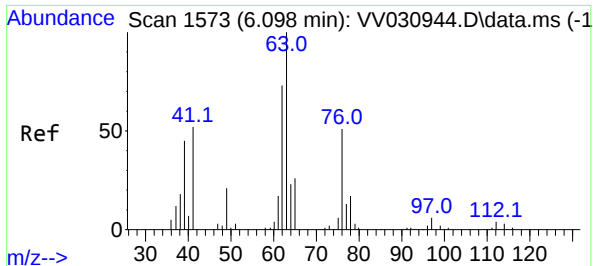
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 13056 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 72.8  | 46.2  | 85.8  |
| 132      | 114.3 | 72.7  | 135.1 |
| 130      | 116.1 | 75.7  | 140.5 |



#35  
Methylcyclohexane  
Concen: 0.928 ug/L  
RT: 5.998 min Scan# 1542  
Delta R.T. -0.061 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11569 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 1.1   | 62.9  | 94.3# |
| 98       | 2.7   | 40.5  | 60.7# |

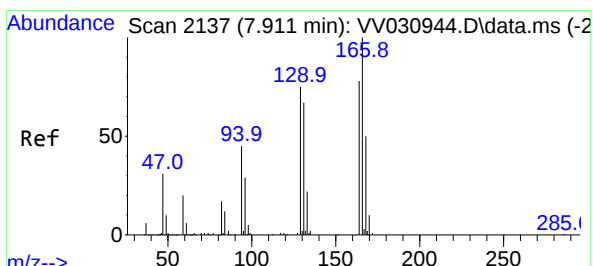
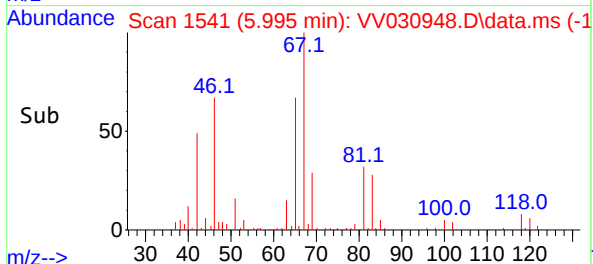
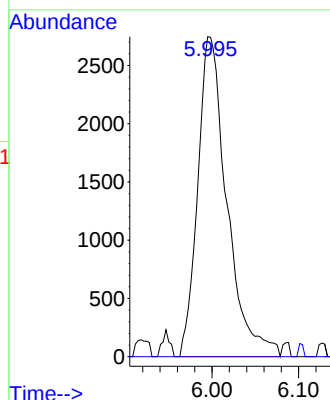
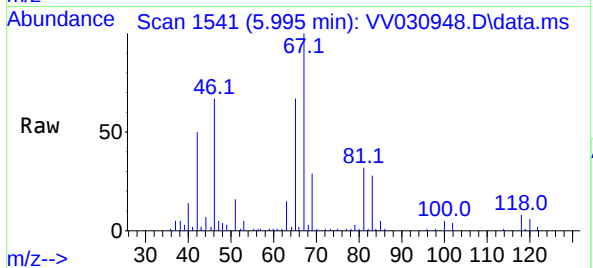




#37  
1,2-Dichloropropane  
Concen: 0.896 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.106 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

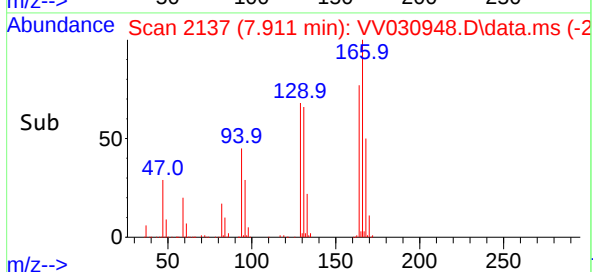
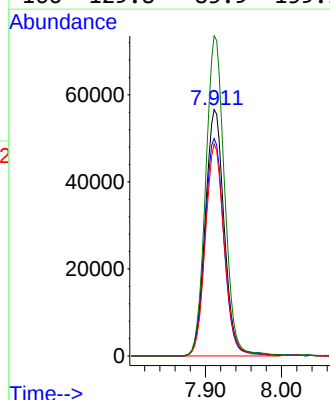
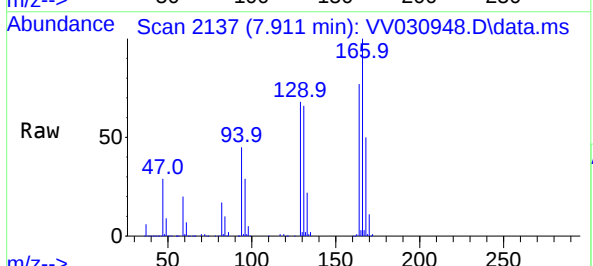
Instrument :  
MSVOA\_V  
ClientSampleId :  
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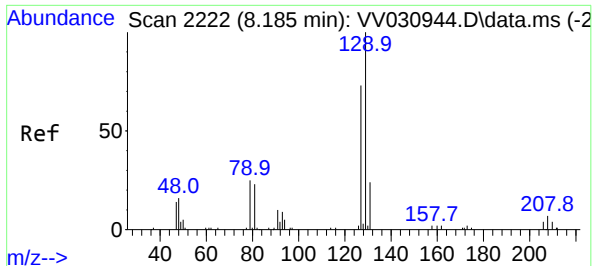
Tgt Ion: 63 Resp: 6416  
Ion Ratio Lower Upper  
63 100  
112 0.7 3.8 5.8#



#47  
Tetrachloroethene  
Concen: 12.817 ug/L  
RT: 7.911 min Scan# 2137  
Delta R.T. -0.003 min  
Lab File: VV030948.D  
Acq: 01 May 2023 12:13

Tgt Ion:164 Resp: 98379  
Ion Ratio Lower Upper  
164 100  
129 88.3 60.5 112.3  
131 86.1 60.8 112.8  
166 129.8 85.9 159.5





#49

Dibromochloromethane

Concen: 12.106 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030948.D

Acq: 01 May 2023 12:13

Instrument :

MSVOA\_V

ClientSampleId :

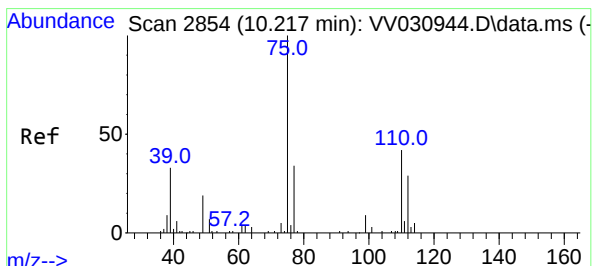
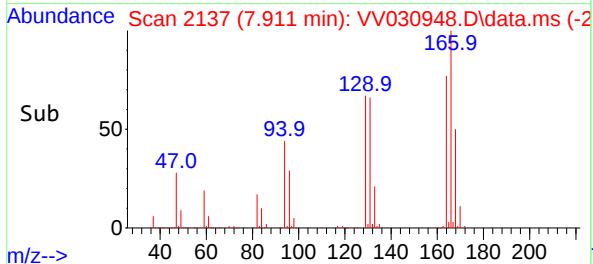
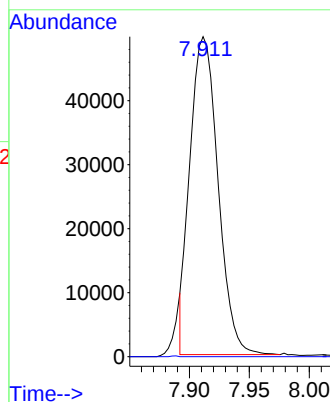
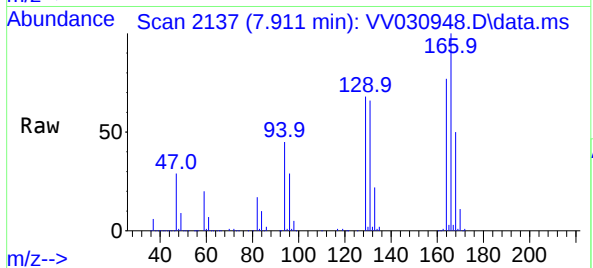
HOA35

Tgt Ion:129 Resp: 80901

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.776 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030948.D

Acq: 01 May 2023 12:13

Tgt Ion: 75 Resp: 6846

Ion Ratio Lower Upper

75 100

77 37.1 25.3 37.9

110 5.2 34.0 51.0#

