

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083123\  
 Data File : VX037440.D  
 Acq On : 31 Aug 2023 19:07  
 Operator : JC/MD  
 Sample : 04182-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Sep 01 03:15:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

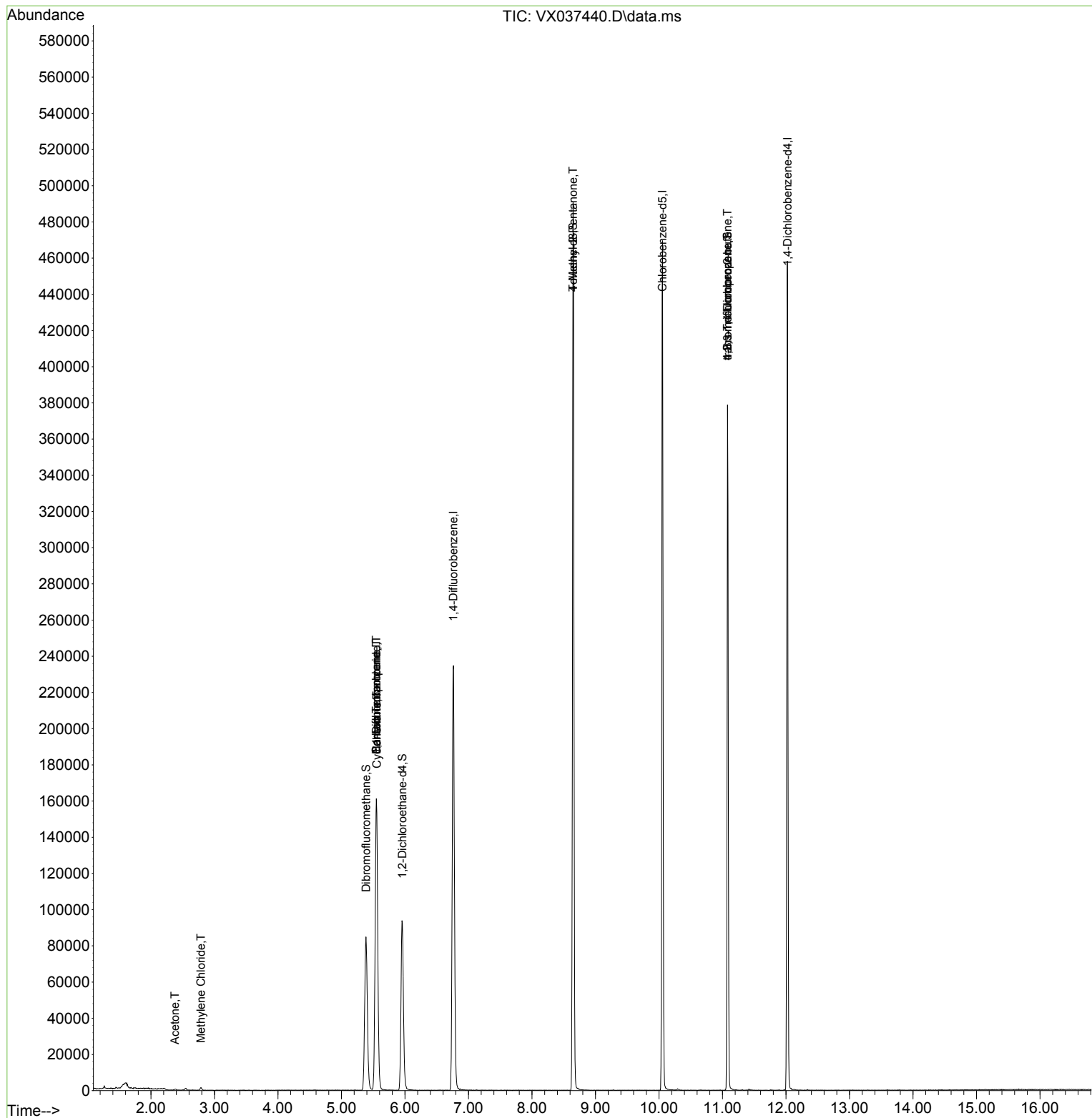
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) Pentafluorobenzene         | 5.550  | 168            | 152883   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114            | 251873   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117            | 224052   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 97475    | 50.000 | ug/l    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65             | 94351    | 42.807 | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | =      | 85.620% |          |
| 35) Dibromofluoromethane      | 5.385  | 113            | 77011    | 46.167 | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | =      | 92.340% |          |
| 50) Toluene-d8                | 8.647  | 98             | 298369   | 49.311 | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | =      | 98.620% |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95             | 105519   | 44.375 | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | =      | 88.760% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 16) Acetone                   | 2.380  | 43             | 808      | 0.937  | ug/l    | 96       |
| 20) Methylene Chloride        | 2.788  | 84             | 849      | 0.440  | ug/l #  | 83       |
| 31) Cyclohexane               | 5.556  | 56             | 2727     | 1.100  | ug/l #  | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75             | 11766    | 4.965  | ug/l #  | 51       |
| 38) Carbon Tetrachloride      | 5.550  | 117            | 16135    | 6.268  | ug/l #  | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43             | 1085     | 0.465  | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75             | 51796    | 24.951 | ug/l #  | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75             | 51796    | 69.690 | ug/l #  | 5        |
| -----                         |        |                |          |        |         |          |

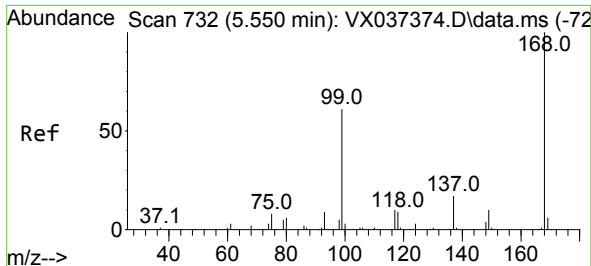
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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Quant Time: Sep 01 03:15:58 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

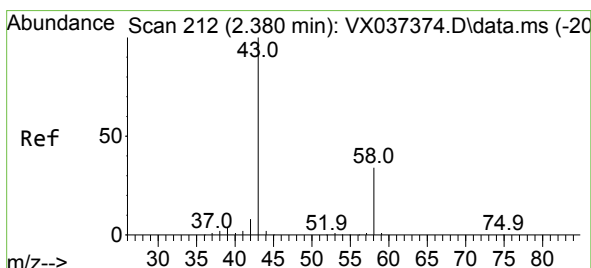
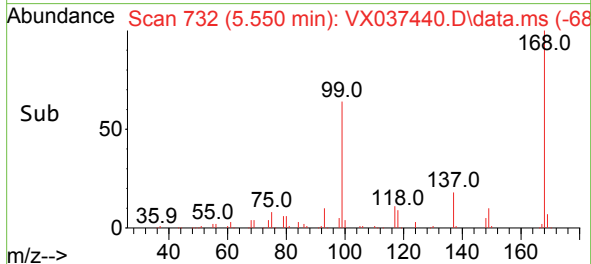
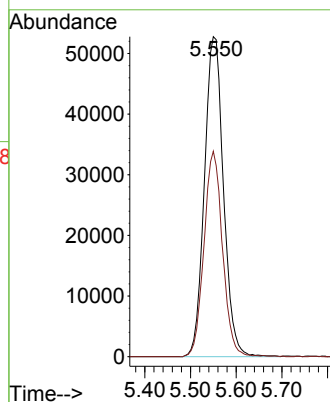
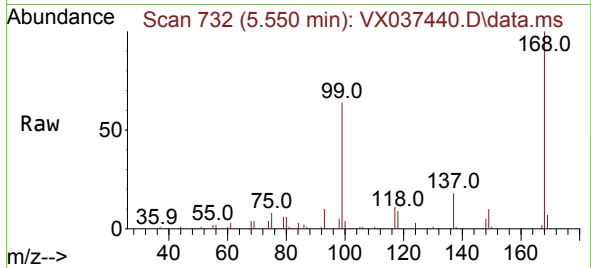




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

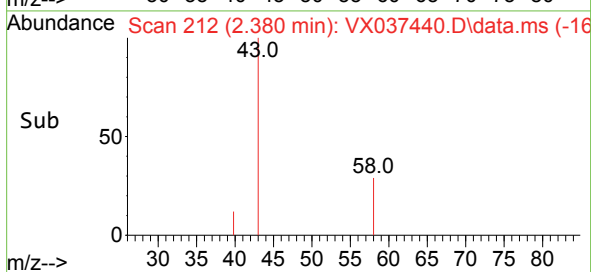
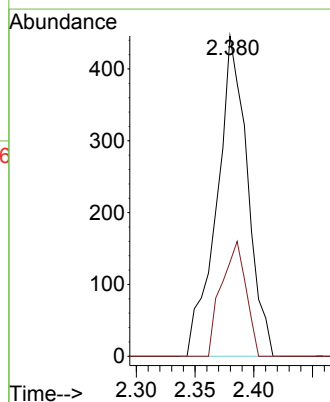
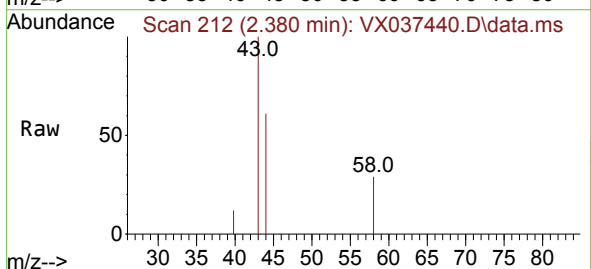
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

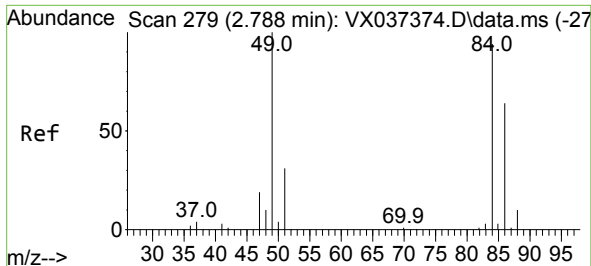
Tgt Ion:168 Resp: 152883  
Ion Ratio Lower Upper  
168 100  
99 64.2 56.6 85.0



#16  
Acetone  
Concen: 0.937 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion: 43 Resp: 808  
Ion Ratio Lower Upper  
43 100  
58 29.4 21.9 32.9

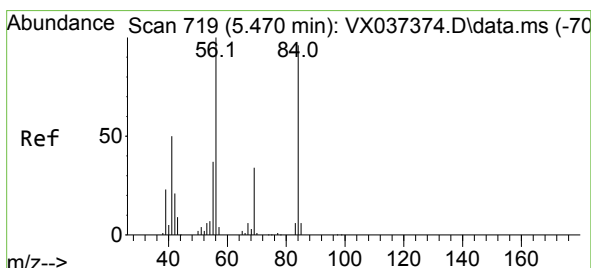
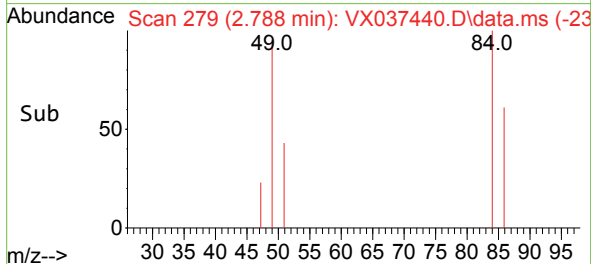
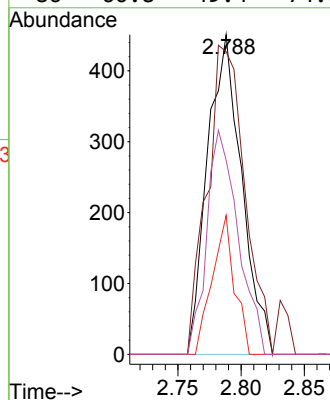
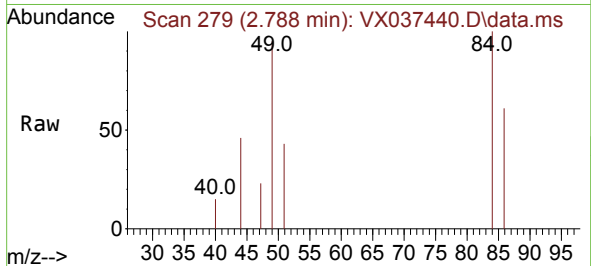




#20  
Methylene Chloride  
Concen: 0.440 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

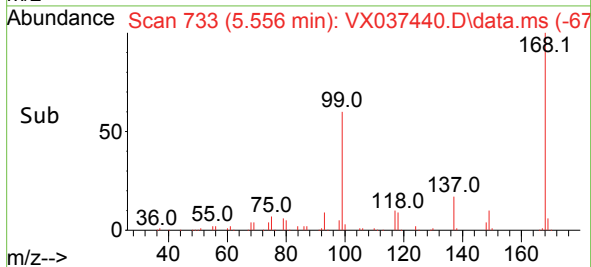
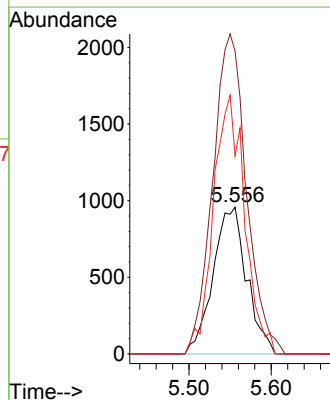
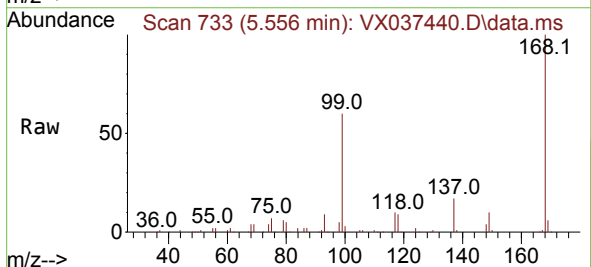
Instrument :  
MSVOA\_X  
ClientSampleId :  
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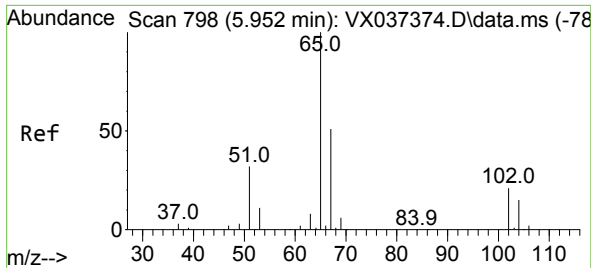
|             |              |
|-------------|--------------|
| Tgt Ion: 84 | Resp: 849    |
| Ion Ratio   | Lower Upper  |
| 84 100      |              |
| 49 94.7     | 103.6 155.4# |
| 51 43.5     | 33.8 50.6    |
| 86 60.8     | 49.4 74.0    |



#31  
Cyclohexane  
Concen: 1.100 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.085 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 56 | Resp: | 2727  |       |
| Ion         | Ratio | Lower | Upper |
| 56          | 100   |       |       |
| 69          | 206.5 | 23.4  | 35.2# |
| 84          | 135.0 | 65.9  | 98.9# |

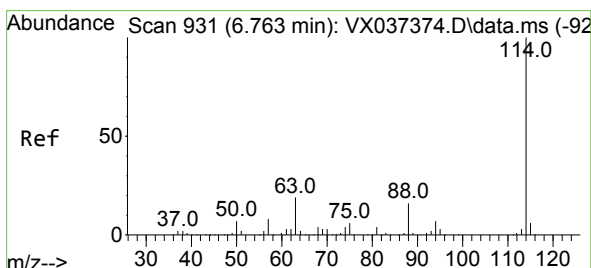
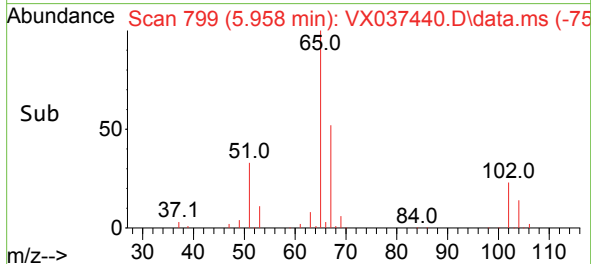
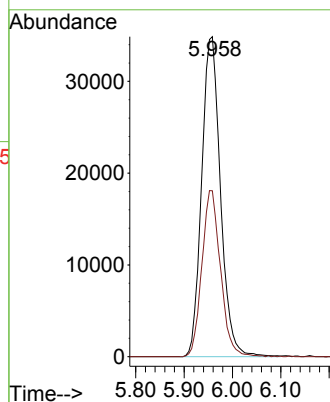
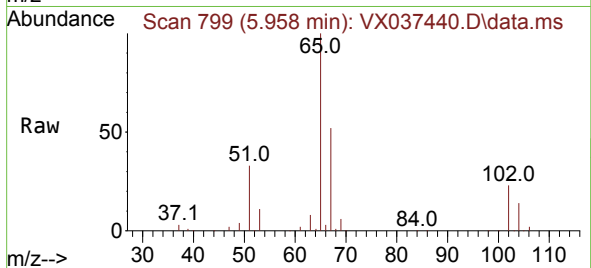




#33  
1,2-Dichloroethane-d4  
Concen: 42.807 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

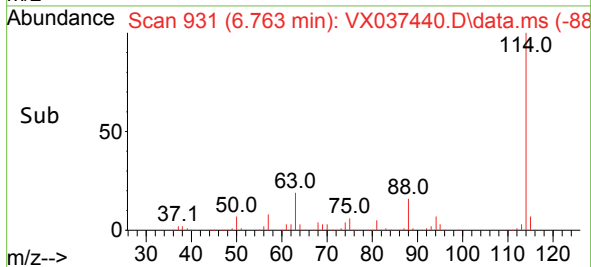
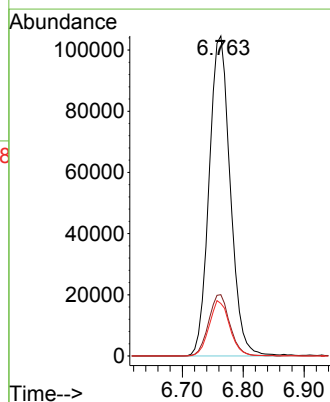
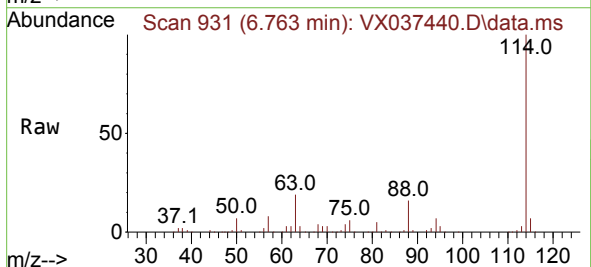
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MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

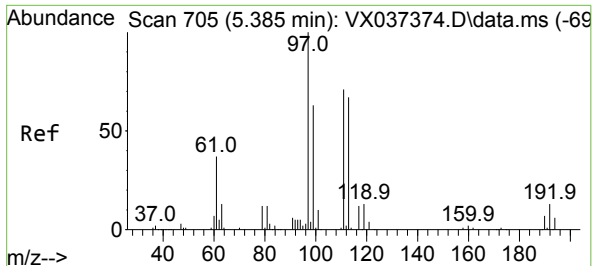
Tgt Ion: 65 Resp: 94351  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion:114 Resp: 251873  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 45.0  
88 16.4 0.0 36.6

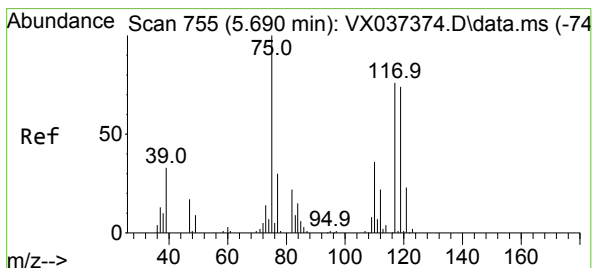
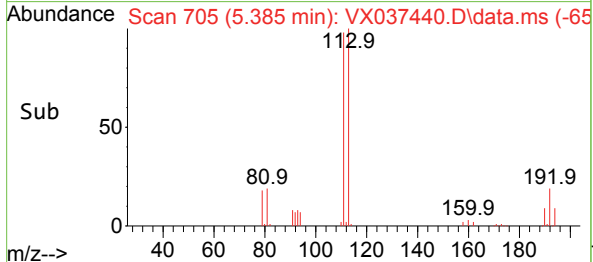
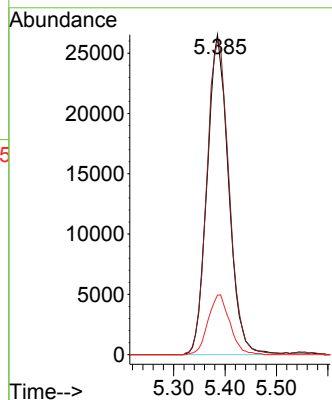
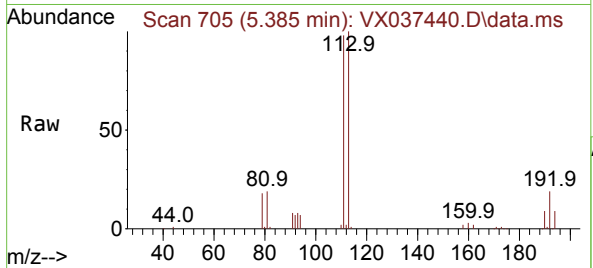




#35  
Dibromofluoromethane  
Concen: 46.167 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

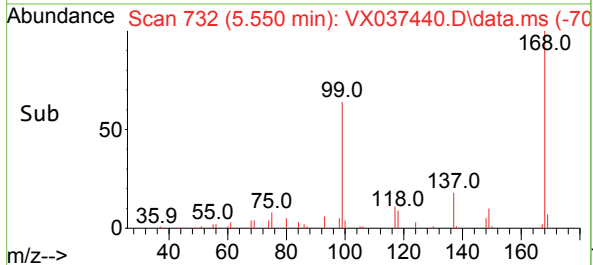
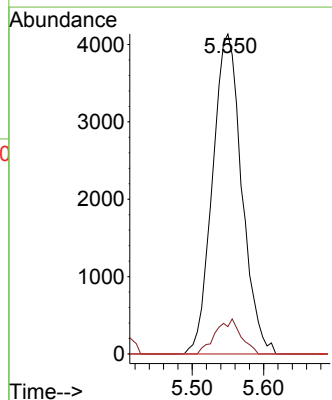
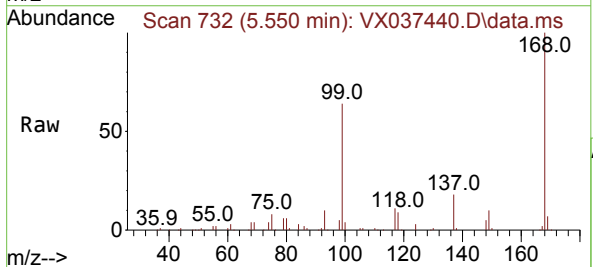
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

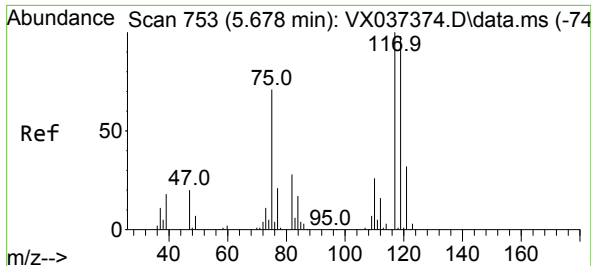
Tgt Ion:113 Resp: 77011  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 18.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.965 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

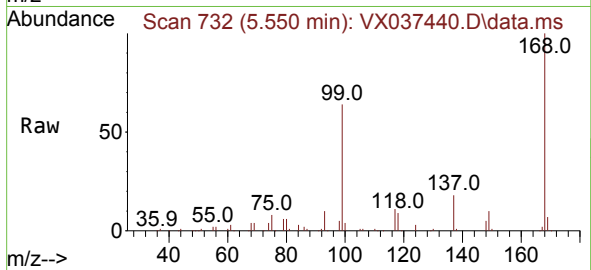
Tgt Ion: 75 Resp: 11766  
Ion Ratio Lower Upper  
75 100  
110 9.5 17.0 50.9#  
77 0.0 24.7 37.1#



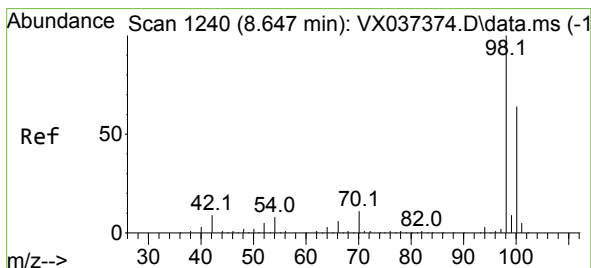
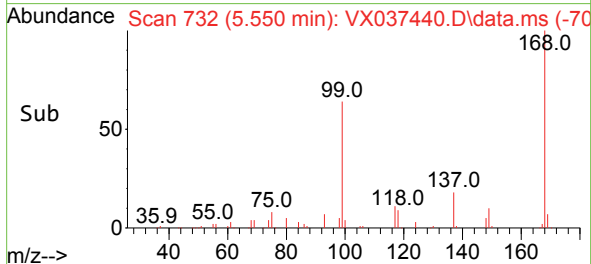
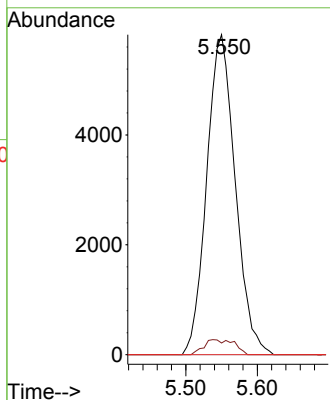


#38  
Carbon Tetrachloride  
Concen: 6.268 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

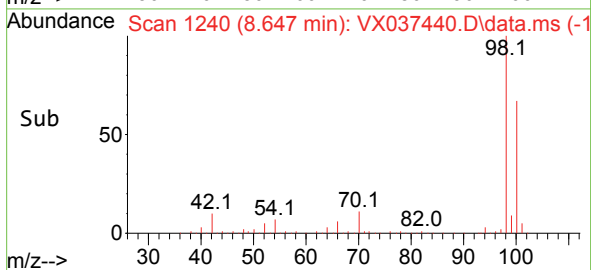
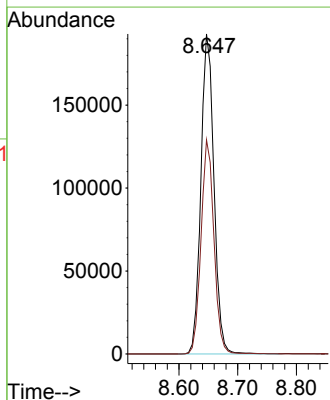
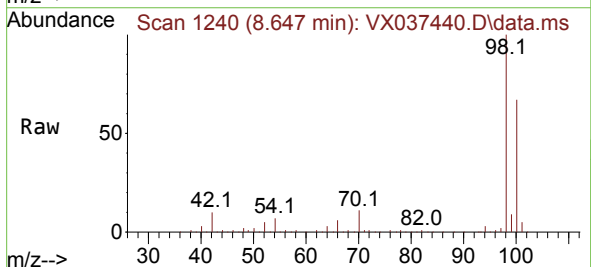


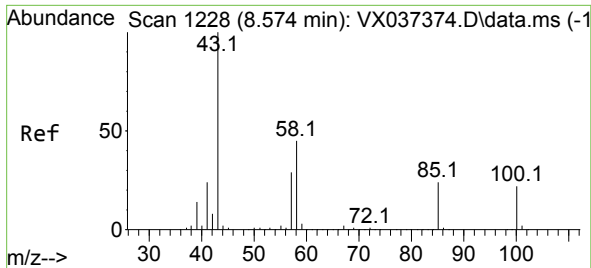
Tgt Ion:117 Resp: 16135  
Ion Ratio Lower Upper  
117 100  
119 3.6 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 49.311 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion: 98 Resp: 298369  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.1 79.7

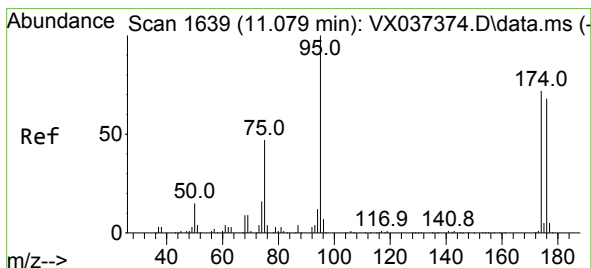
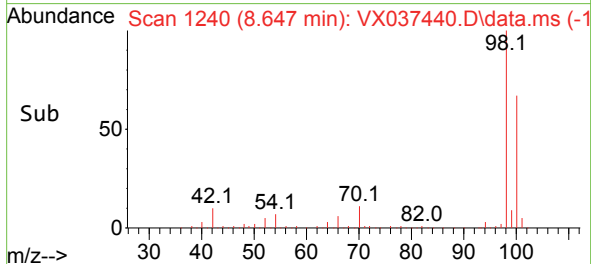
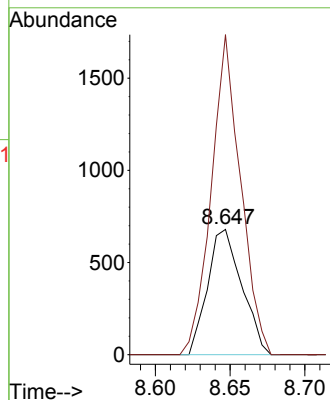
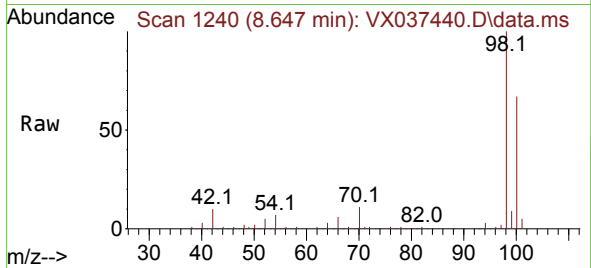




#51  
4-Methyl-2-Pentanone  
Concen: 0.465 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

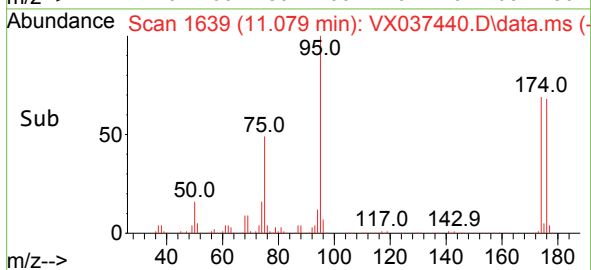
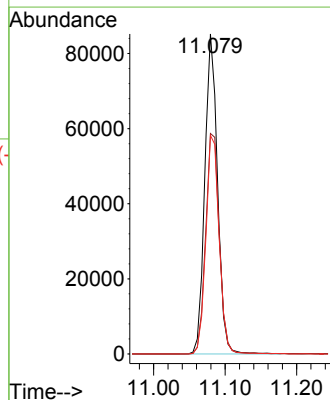
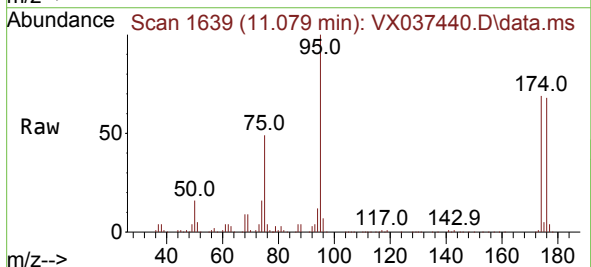
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1085  
Ion Ratio Lower Upper  
43 100  
58 218.3 30.4 45.6#

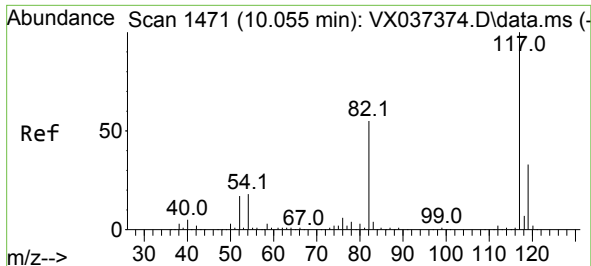


#62  
4-Bromofluorobenzene  
Concen: 44.375 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion: 95 Resp: 105519  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 135.6  
176 71.3 0.0 131.0



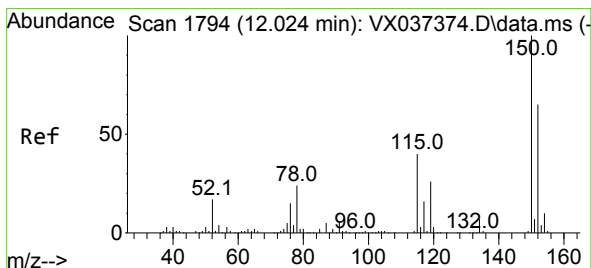
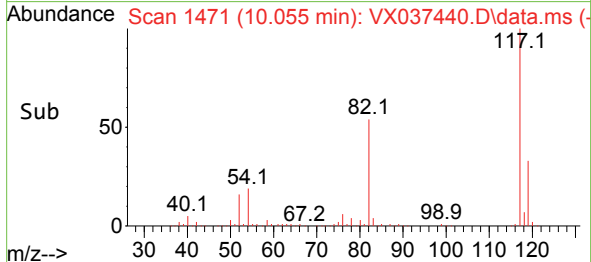
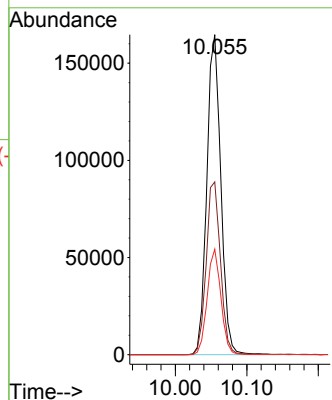
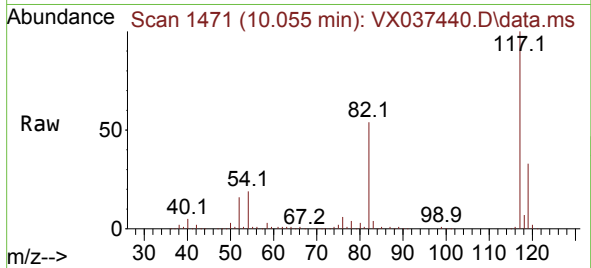




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

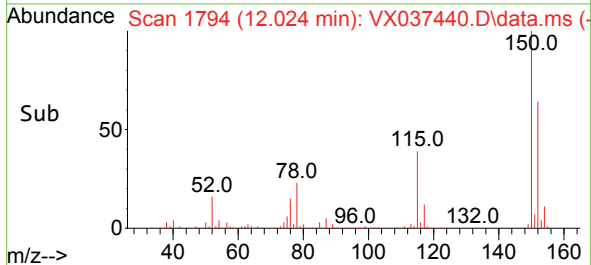
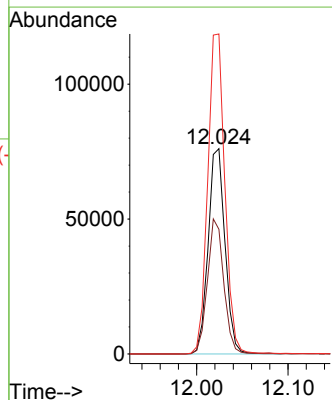
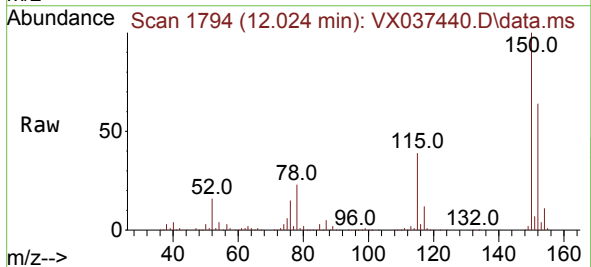
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

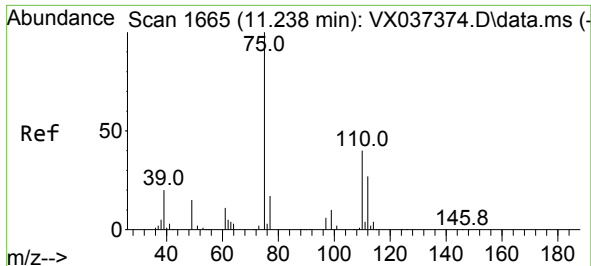
Tgt Ion:117 Resp: 224052  
Ion Ratio Lower Upper  
117 100  
82 54.0 46.2 69.4  
119 33.0 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion:152 Resp: 97475  
Ion Ratio Lower Upper  
152 100  
115 63.8 43.3 129.9  
150 158.2 0.0 345.0

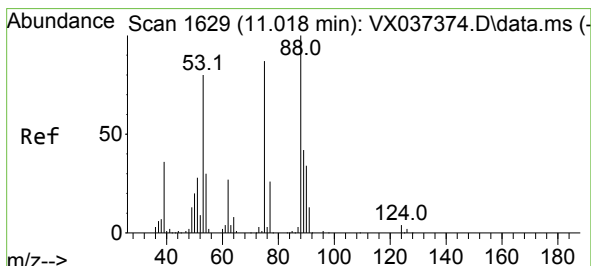
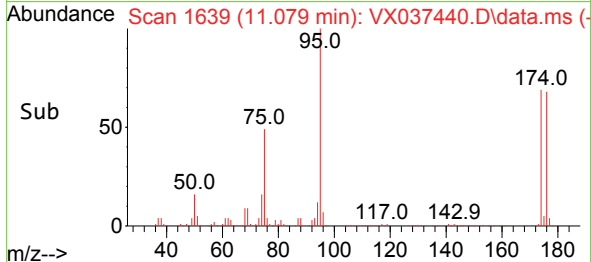
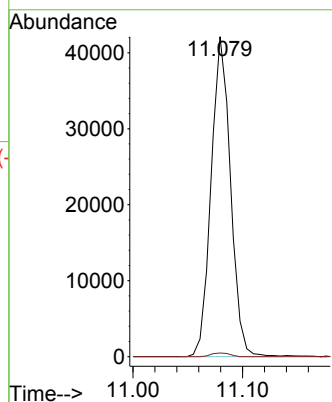
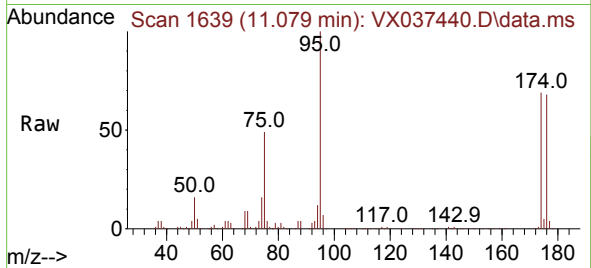




#76  
1,2,3-Trichloropropane  
Concen: 24.951 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 51796  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.690 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX037440.D  
Acq: 31 Aug 2023 19:07

Tgt Ion: 75 Resp: 51796  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

