

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041224\  
 Data File : VX041038.D  
 Acq On : 12 Apr 2024 18:15  
 Operator : JC/MD  
 Sample : P2049-12 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 13 01:42:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 01:36:25 2024  
 Response via : Initial Calibration

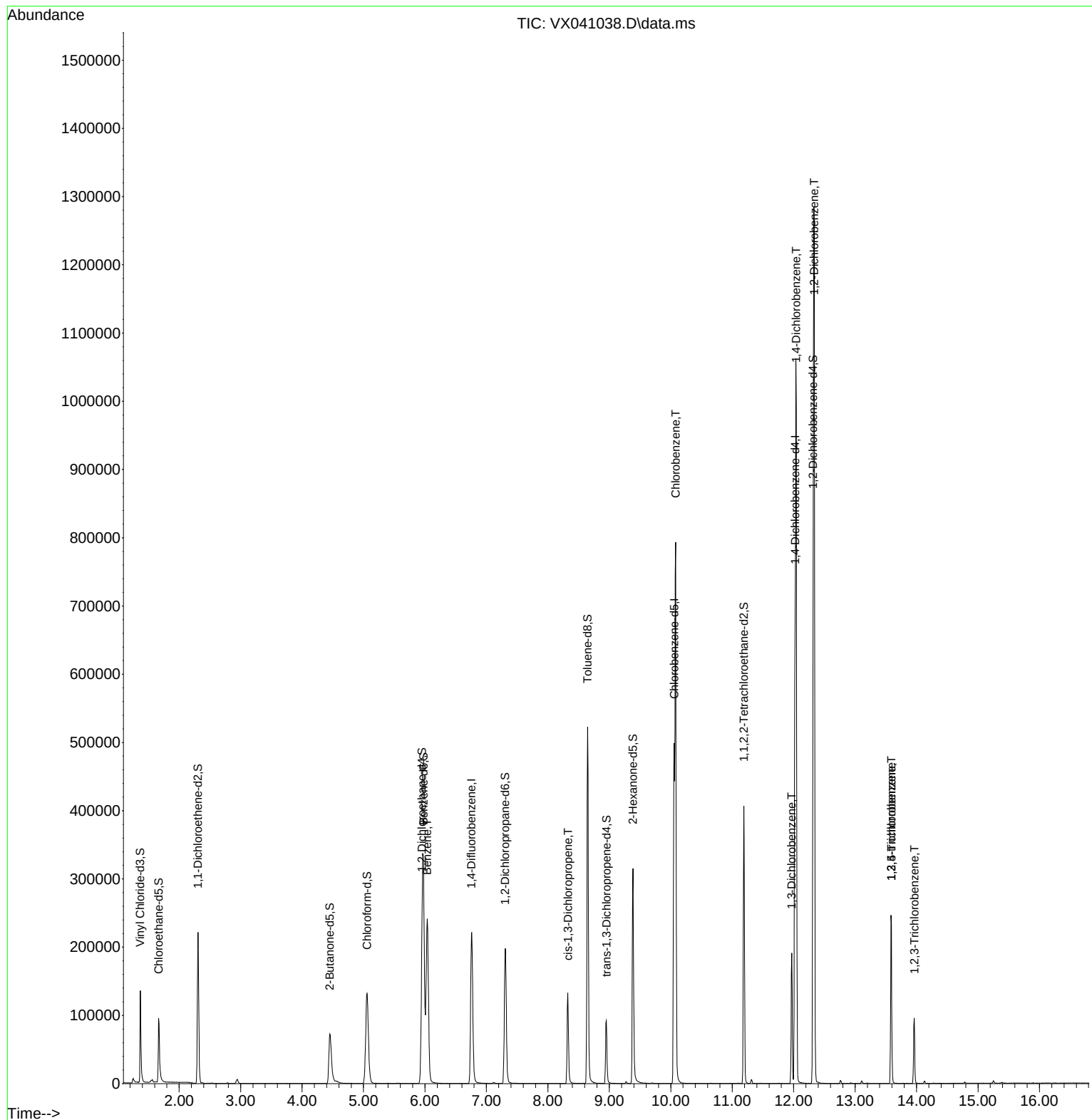
| Compound                      | R.T.    | QIon           | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|-----------|----------|
| -----                         |         |                |          |         |           |          |
| Internal Standards            |         |                |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114            | 238466   | 50.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117            | 231837   | 50.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152            | 129986   | 50.000  | ug/L      | 0.00     |
|                               |         |                |          |         |           |          |
| System Monitoring Compounds   |         |                |          |         |           |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65             | 95323    | 56.200  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 112.400%  |          |
| 7) Chloroethane-d5            | 1.666   | 69             | 79217    | 57.266  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 114.540%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65             | 39100    | 53.995  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 107.980%  |          |
| 21) 2-Butanone-d5             | 4.452   | 46             | 126510   | 136.927 | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 136.930%# |          |
| 24) Chloroform-d              | 5.056   | 84             | 168518   | 53.248  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 106.500%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65             | 113521   | 55.145  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 110.280%  |          |
| 32) Benzene-d6                | 5.977   | 84             | 344930   | 54.803  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 109.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67             | 100988   | 55.015  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 110.040%  |          |
| 41) Toluene-d8                | 8.647   | 98             | 317732   | 51.673  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 103.340%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79             | 46006    | 49.803  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 99.600%   |          |
| 47) 2-Hexanone-d5             | 9.384   | 63             | 87782    | 113.423 | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 113.420%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84             | 150746   | 55.438  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 110.880%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152            | 145577   | 55.830  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 111.660%  |          |
|                               |         |                |          |         |           |          |
| Target Compounds              |         |                |          |         | Qvalue    |          |
| 33) Benzene                   | 6.037   | 78             | 293645   | 48.819  | ug/L      | 100      |
| 39) cis-1,3-Dichloropropene   | 8.330   | 75             | 3065     | 1.205   | ug/L #    | 81       |
| 51) Chlorobenzene             | 10.079  | 112            | 359531   | 77.017  | ug/L      | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969  | 146            | 65582    | 16.447  | ug/L      | 98       |
| 65) 1,4-Dichlorobenzene       | 12.043  | 146            | 348414   | 85.116  | ug/L      | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335  | 146            | 381492   | 98.625  | ug/L      | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.591  | 180            | 67846    | 22.218  | ug/L      | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.591  | 180            | 67846    | 23.445  | ug/L      | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963  | 180            | 26286    | 9.262   | ug/L      | 98       |
| -----                         |         |                |          |         |           |          |

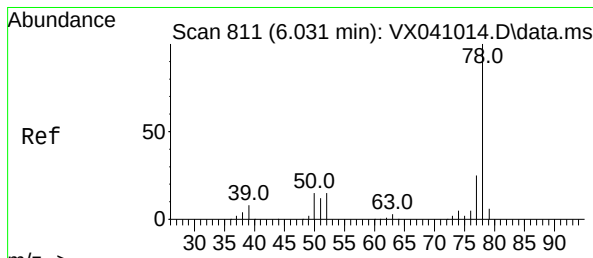
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041224\  
Data File : VX041038.D  
Acq On : 12 Apr 2024 18:15  
Operator : JC/MD  
Sample : P2049-12 200X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Apr 13 01:42:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM041024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 13 01:36:25 2024  
Response via : Initial Calibration

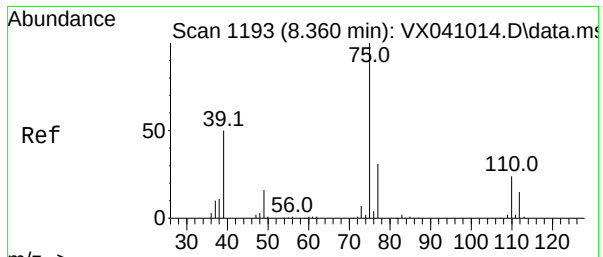
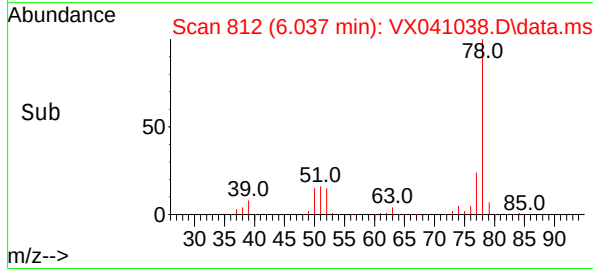
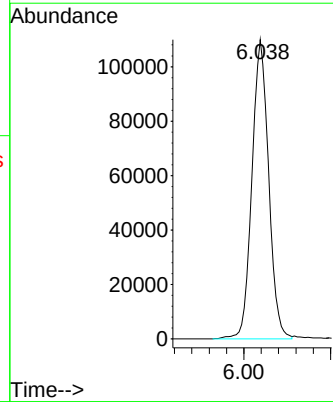
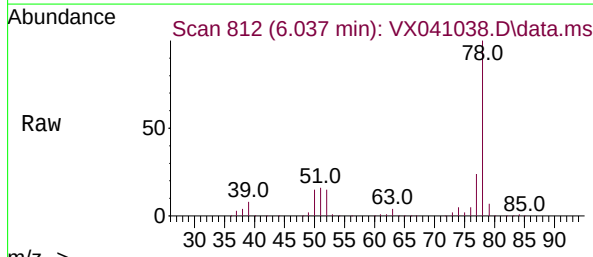




#33  
Benzene  
Concen: 48.819 ug/L  
RT: 6.037 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX041038.D  
Acq: 12 Apr 2024 18:15

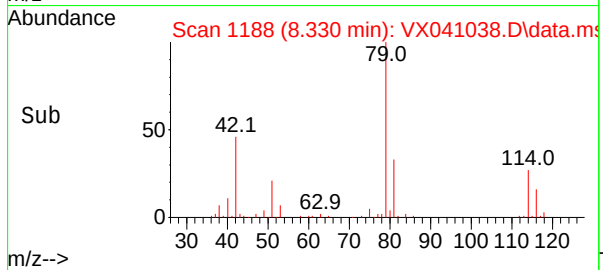
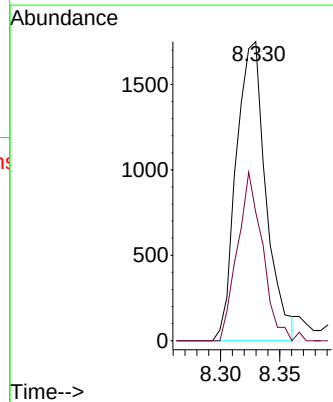
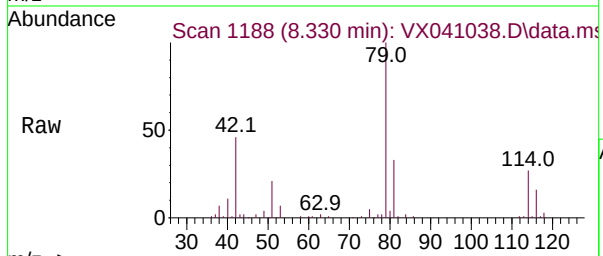
Instrument :  
MSVOA\_X  
ClientSampleId :

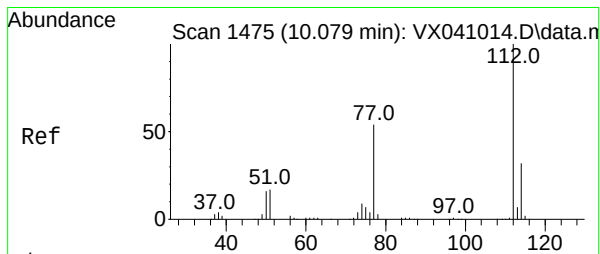
Tgt Ion: 78 Resp: 293645



#39  
cis-1,3-Dichloropropene  
Concen: 1.205 ug/L  
RT: 8.330 min Scan# 1188  
Delta R.T. -0.030 min  
Lab File: VX041038.D  
Acq: 12 Apr 2024 18:15

Tgt Ion: 75 Resp: 3065  
Ion Ratio Lower Upper  
75 100  
77 42.9 22.7 42.1#

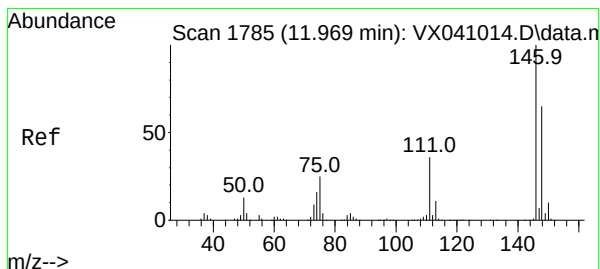
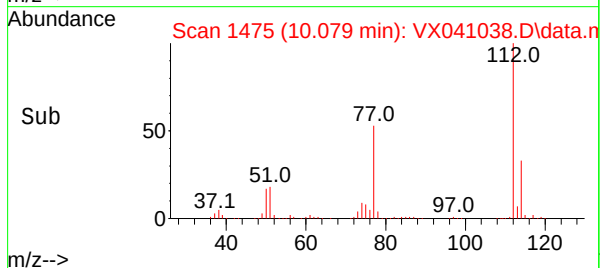
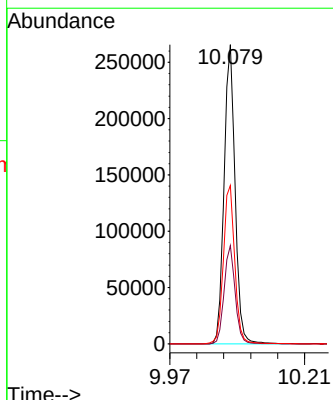
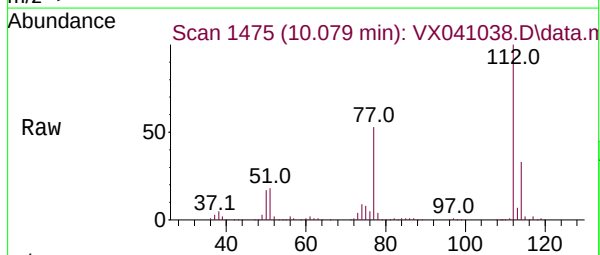




#51  
Chlorobenzene  
Concen: 77.017 ug/L  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX041038.D  
Acq: 12 Apr 2024 18:15

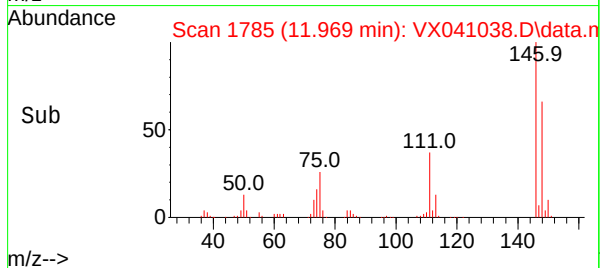
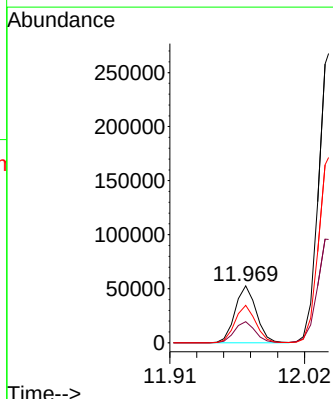
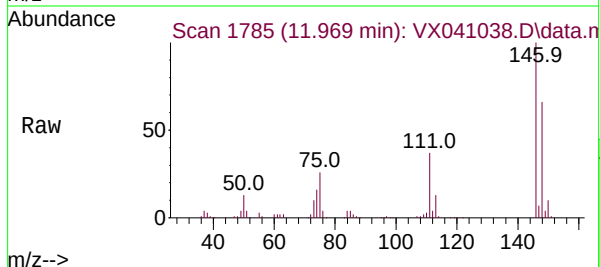
Instrument :  
MSVOA\_X  
ClientSampleId :

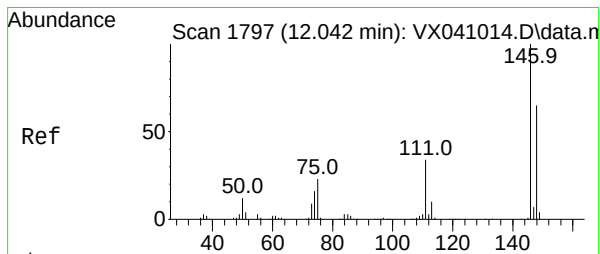
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 359531 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 32.9  | 23.0  | 42.8   |
| 77       | 52.9  | 43.4  | 65.0   |



#64  
1,3-Dichlorobenzene  
Concen: 16.447 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX041038.D  
Acq: 12 Apr 2024 18:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 65582 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 37.0  | 25.3  | 47.1  |
| 148      | 66.0  | 44.7  | 82.9  |

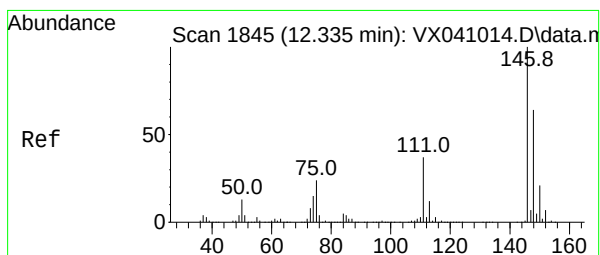
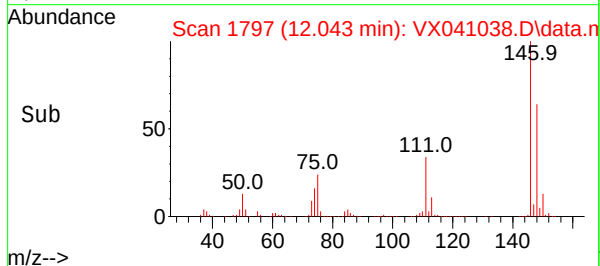
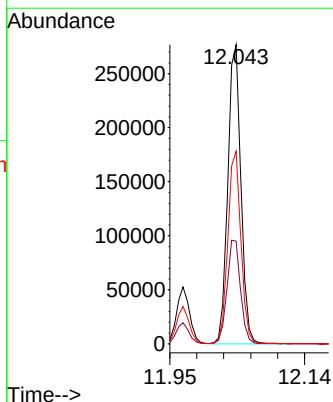
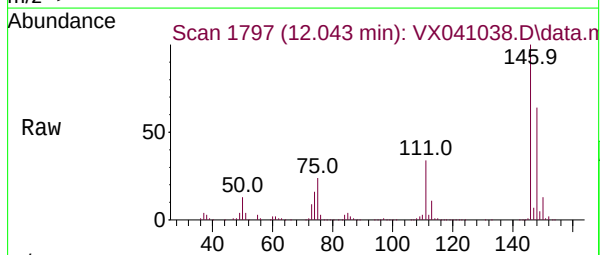




#65  
 1,4-Dichlorobenzene  
 Concen: 85.116 ug/L  
 RT: 12.043 min Scan# 1797  
 Delta R.T. 0.000 min  
 Lab File: VX041038.D  
 Acq: 12 Apr 2024 18:15

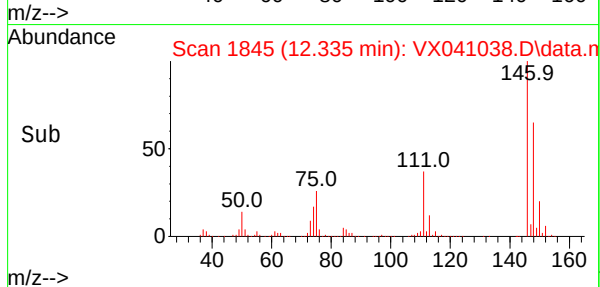
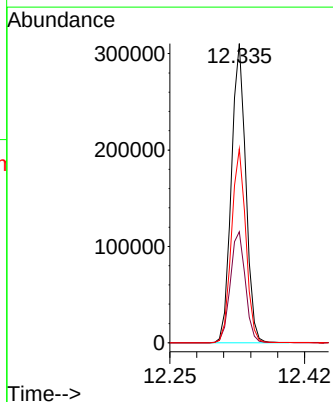
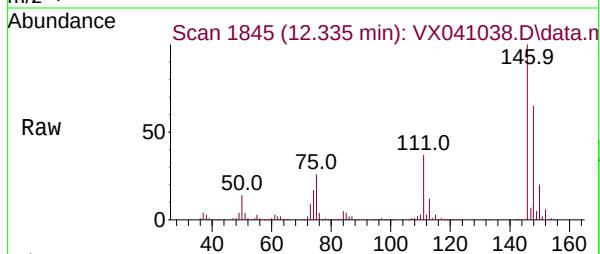
Instrument :  
 MSVOA\_X  
 ClientSampleId :

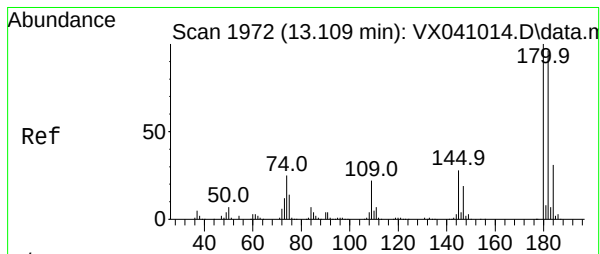
Tgt Ion:146 Resp: 348414  
 Ion Ratio Lower Upper  
 146 100  
 111 34.3 23.4 43.6  
 148 64.4 44.2 82.0



#67  
 1,2-Dichlorobenzene  
 Concen: 98.625 ug/L  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX041038.D  
 Acq: 12 Apr 2024 18:15

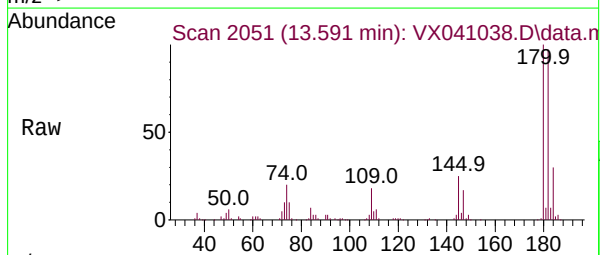
Tgt Ion:146 Resp: 381492  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 31.8 47.8  
 148 64.8 53.2 79.8



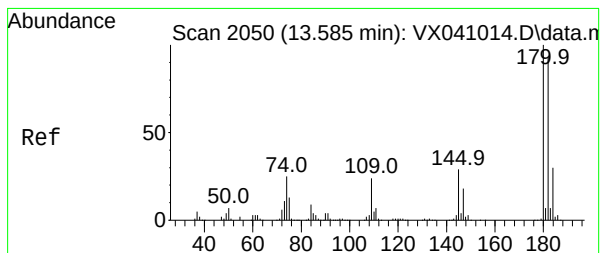
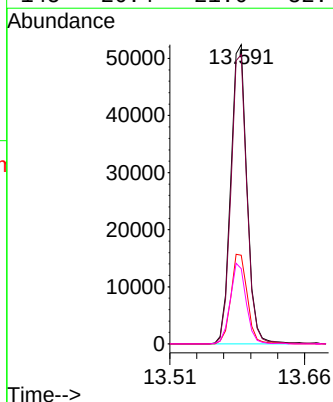
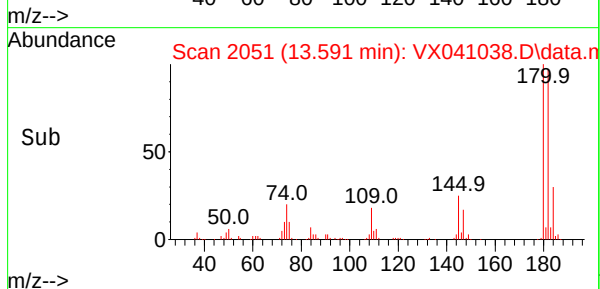


#69  
 1,3,5-Trichlorobenzene  
 Concen: 22.218 ug/L  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.482 min  
 Lab File: VX041038.D  
 Acq: 12 Apr 2024 18:15

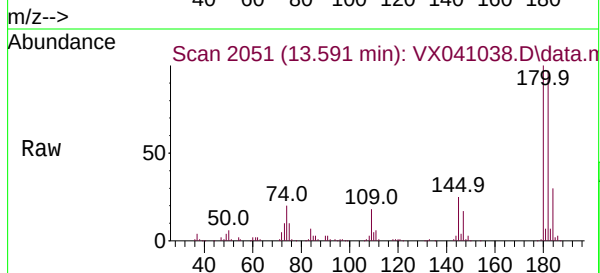
Instrument :  
 MSVOA\_X  
 ClientSampleId :



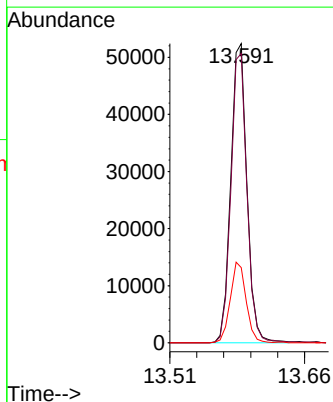
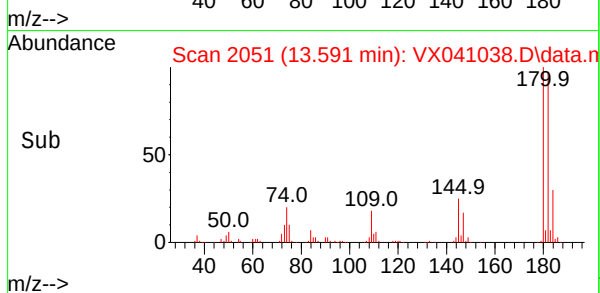
Tgt Ion:180 Resp: 67846  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 75.8 113.6  
 184 30.4 24.4 36.6  
 145 26.4 21.6 32.4

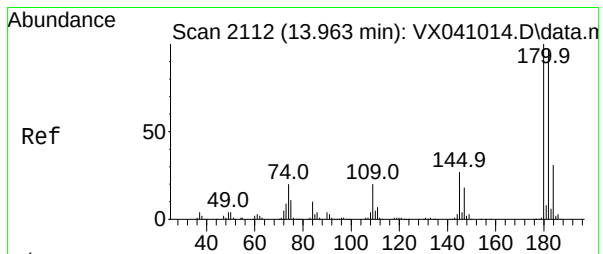


#70  
 1,2,4-trichlorobenzene  
 Concen: 23.445 ug/L  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.006 min  
 Lab File: VX041038.D  
 Acq: 12 Apr 2024 18:15



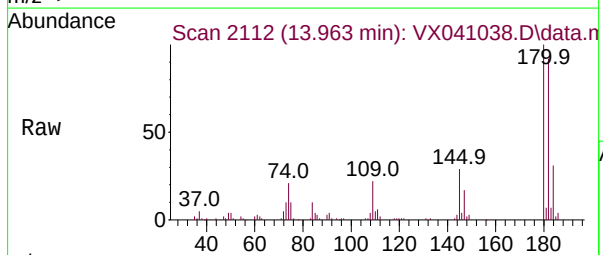
Tgt Ion:180 Resp: 67846  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.8 115.2  
 145 26.4 22.3 33.5





#72  
 1,2,3-Trichlorobenzene  
 Concen: 9.262 ug/L  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.000 min  
 Lab File: VX041038.D  
 Acq: 12 Apr 2024 18:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 26286 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.9  | 77.0  | 115.6 |
| 145       | 29.5  | 23.4  | 35.2  |

