

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042123\  
 Data File : VW030774.D  
 Acq On : 21 Apr 2023 18:54  
 Operator : SY/MD  
 Sample : 02440-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMQ2

Quant Time: Apr 22 00:48:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

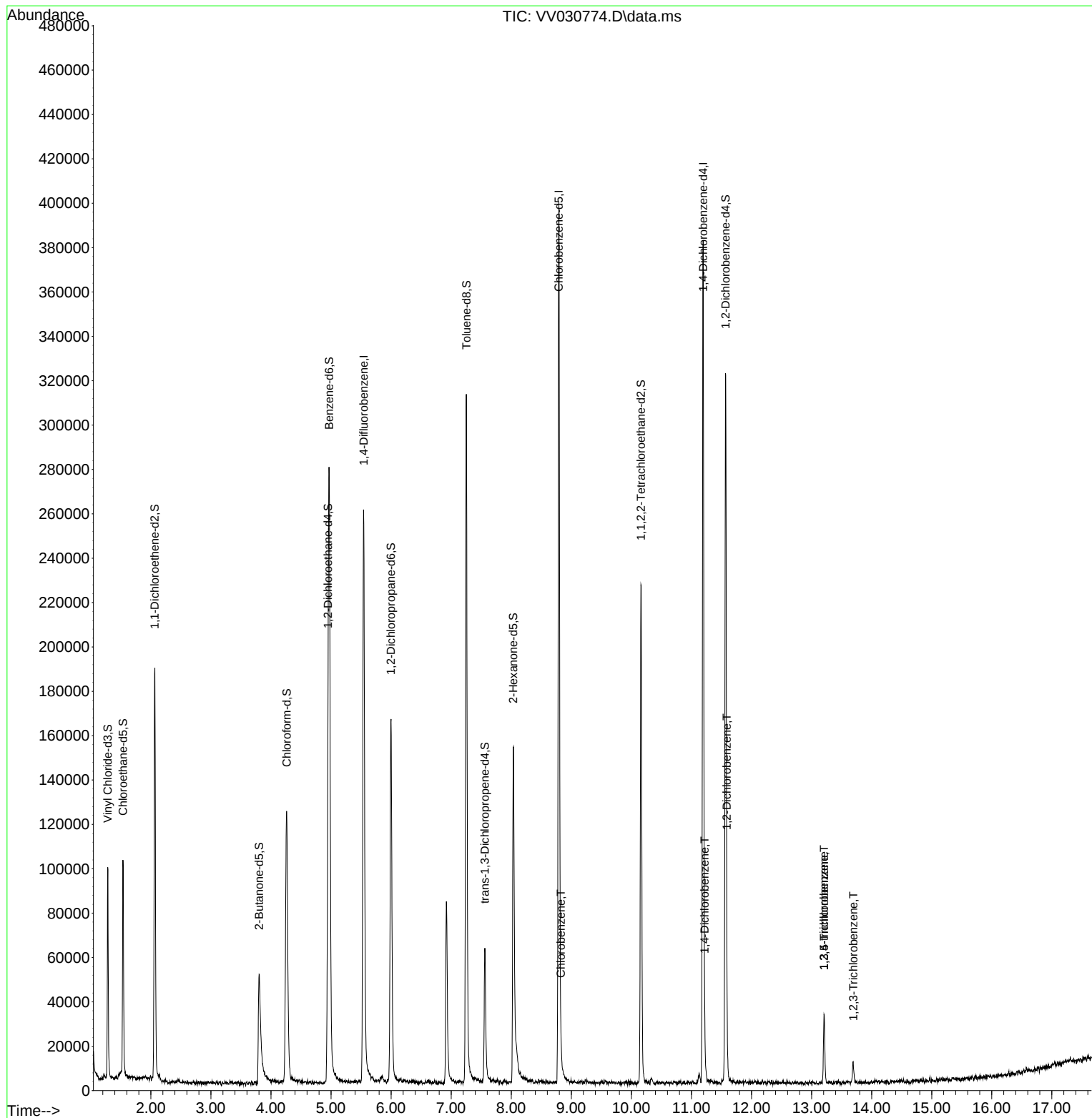
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 218000   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 210894   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 102598   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 62489    | 39.102   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.200%  |
| 7) Chloroethane-d5            | 1.536   | 69    | 56061    | 41.861   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.720%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 30916    | 40.793   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.580%  |
| 21) 2-Butanone-d5             | 3.802   | 46    | 86327    | 98.347   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.350%  |
| 24) Chloroform-d              | 4.262   | 84    | 128160   | 44.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.500%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 87823    | 47.166   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.340%  |
| 32) Benzene-d6                | 4.970   | 84    | 230584   | 46.245   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.500%  |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 70423    | 45.469   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.940%  |
| 41) Toluene-d8                | 7.252   | 98    | 198141   | 42.324   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.640%  |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 32529    | 41.670   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.340%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 52623    | 86.247   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 86.250%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 99652    | 44.341   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 82737    | 50.735   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.480% |
| Target Compounds              |         |       |          |          |        |          |
| 51) Chlorobenzene             | 8.825   | 112   | 2796     | 0.615    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.220  | 146   | 3078     | 0.911    | ug/L   | 89       |
| 67) 1,2-Dichlorobenzene       | 11.587  | 146   | 2950     | 0.913    | ug/L # | 87       |
| 69) 1,3,5-Trichlorobenzene    | 13.207  | 180   | 9359     | 3.867    | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.207  | 180   | 9359     | 4.555    | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.696  | 180   | 2321     | 1.139    | ug/L # | 78       |

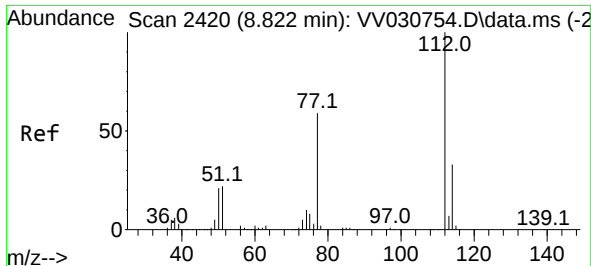
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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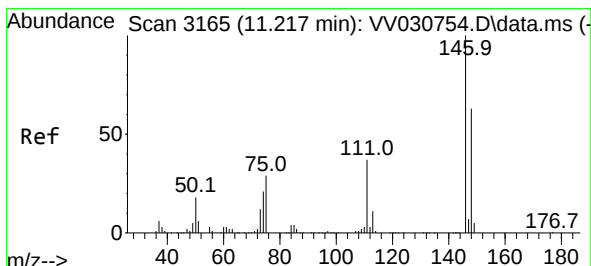
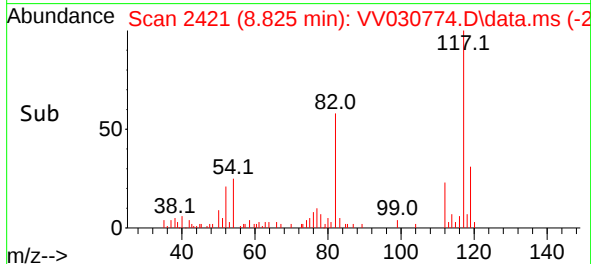
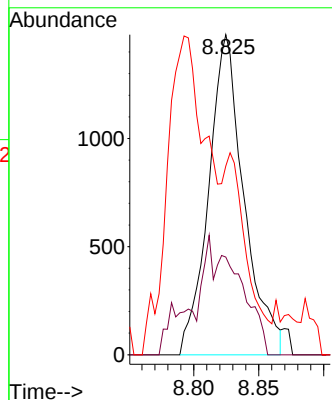
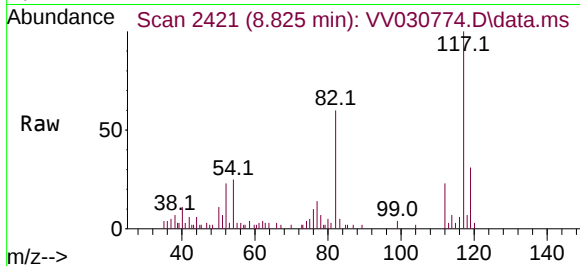




#51  
Chlorobenzene  
Concen: 0.615 ug/L  
RT: 8.825 min Scan# 2420  
Delta R.T. 0.003 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

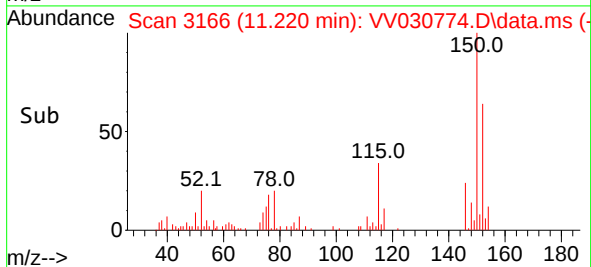
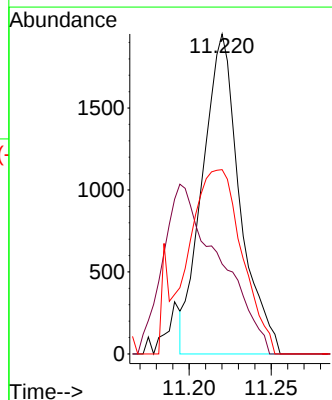
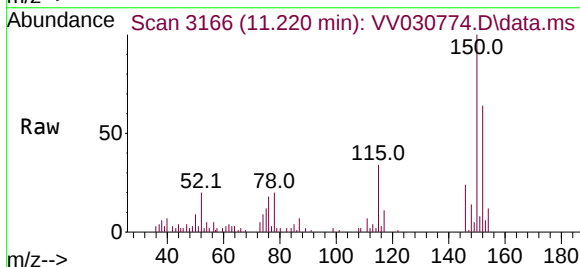
Instrument :  
MSVOA\_V  
ClientSampleId :  
COMQ2

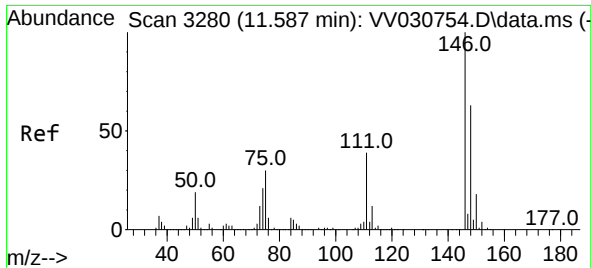
Tgt Ion:112 Resp: 2796  
Ion Ratio Lower Upper  
112 100  
114 30.5 22.4 41.6  
77 59.0 47.4 71.0



#65  
1,4-Dichlorobenzene  
Concen: 0.911 ug/L  
RT: 11.220 min Scan# 3166  
Delta R.T. 0.003 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

Tgt Ion:146 Resp: 3078  
Ion Ratio Lower Upper  
146 100  
111 28.1 26.5 49.1  
148 57.6 44.7 83.1

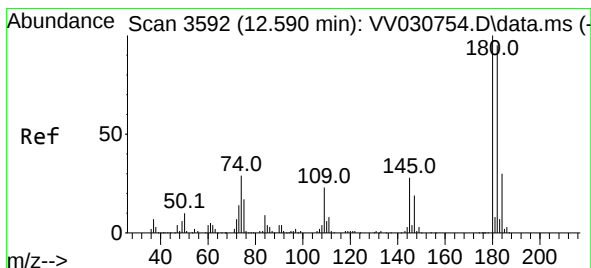
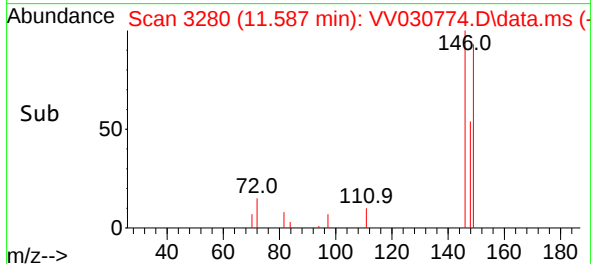
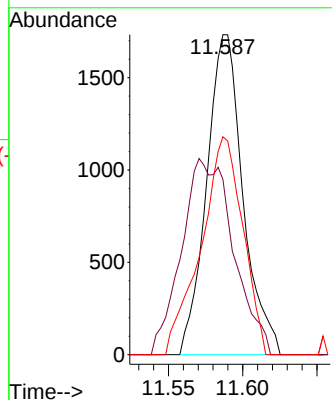
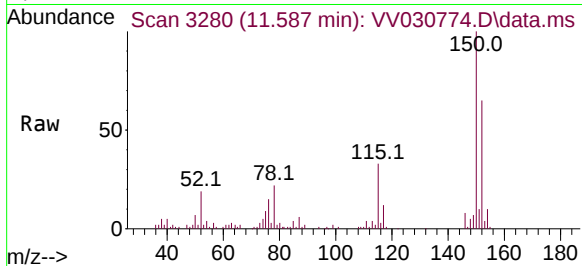




#67  
1,2-Dichlorobenzene  
Concen: 0.913 ug/L  
RT: 11.587 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

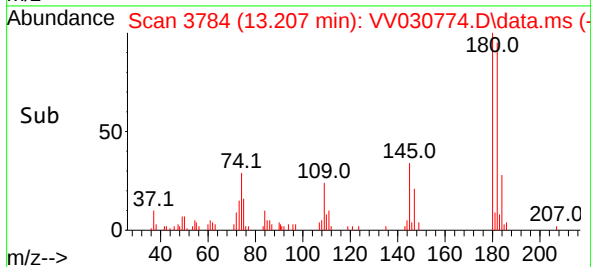
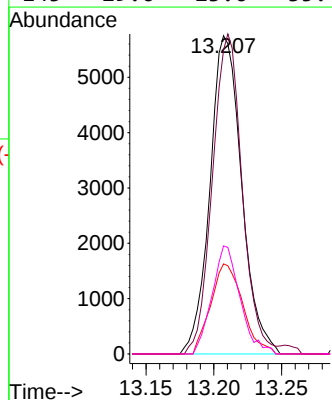
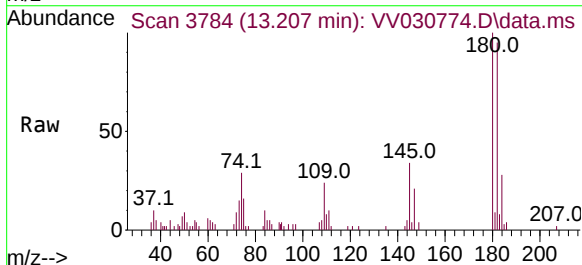
Instrument :  
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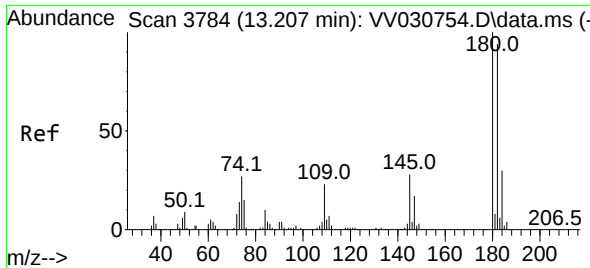
Tgt Ion:146 Resp: 2950  
Ion Ratio Lower Upper  
146 100  
111 54.8 32.0 48.0#  
148 68.1 50.6 76.0



#69  
1,3,5-Trichlorobenzene  
Concen: 3.867 ug/L  
RT: 13.207 min Scan# 3784  
Delta R.T. 0.617 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

Tgt Ion:180 Resp: 9359  
Ion Ratio Lower Upper  
180 100  
182 93.7 76.4 114.6  
184 28.6 24.1 36.1  
145 29.6 23.6 35.4

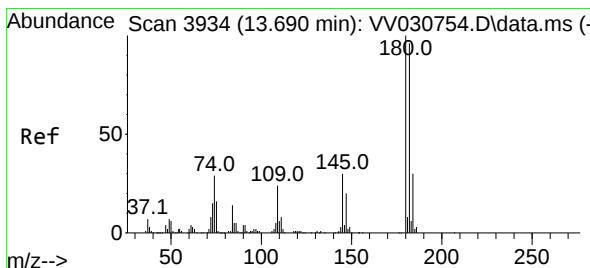
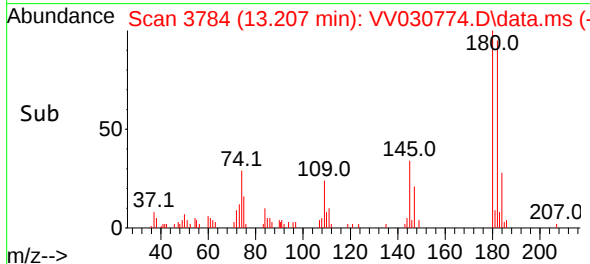
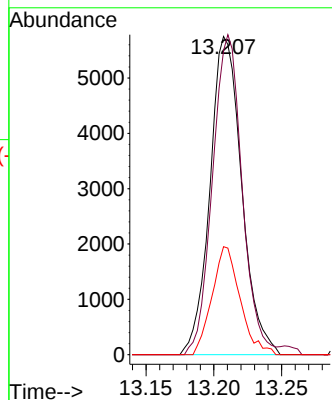
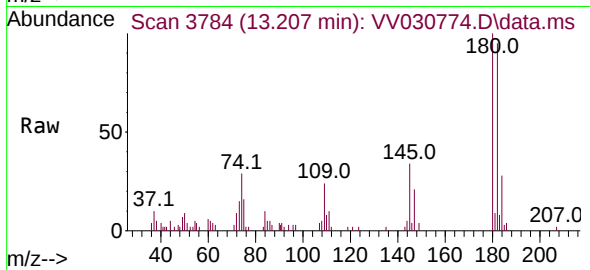




#70  
1,2,4-trichlorobenzene  
Concen: 4.555 ug/L  
RT: 13.207 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

Instrument :  
MSVOA\_V  
ClientSampleId :  
COMQ2

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 9359        |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 93.7  | 75.9 113.9  |
| 145         | 29.6  | 23.4 35.2   |



#72  
1,2,3-Trichlorobenzene  
Concen: 1.139 ug/L  
RT: 13.696 min Scan# 3936  
Delta R.T. 0.006 min  
Lab File: VV030774.D  
Acq: 21 Apr 2023 18:54

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 2321        |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 117.1 | 76.2 114.4# |
| 145         | 41.7  | 25.1 37.7#  |

