

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040224\  
 Data File : VV034942.D  
 Acq On : 02 Apr 2024 19:32  
 Operator : SY/MD  
 Sample : VIBLK331  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK331

Quant Time: Apr 03 05:24:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 03 05:08:19 2024  
 Response via : Initial Calibration

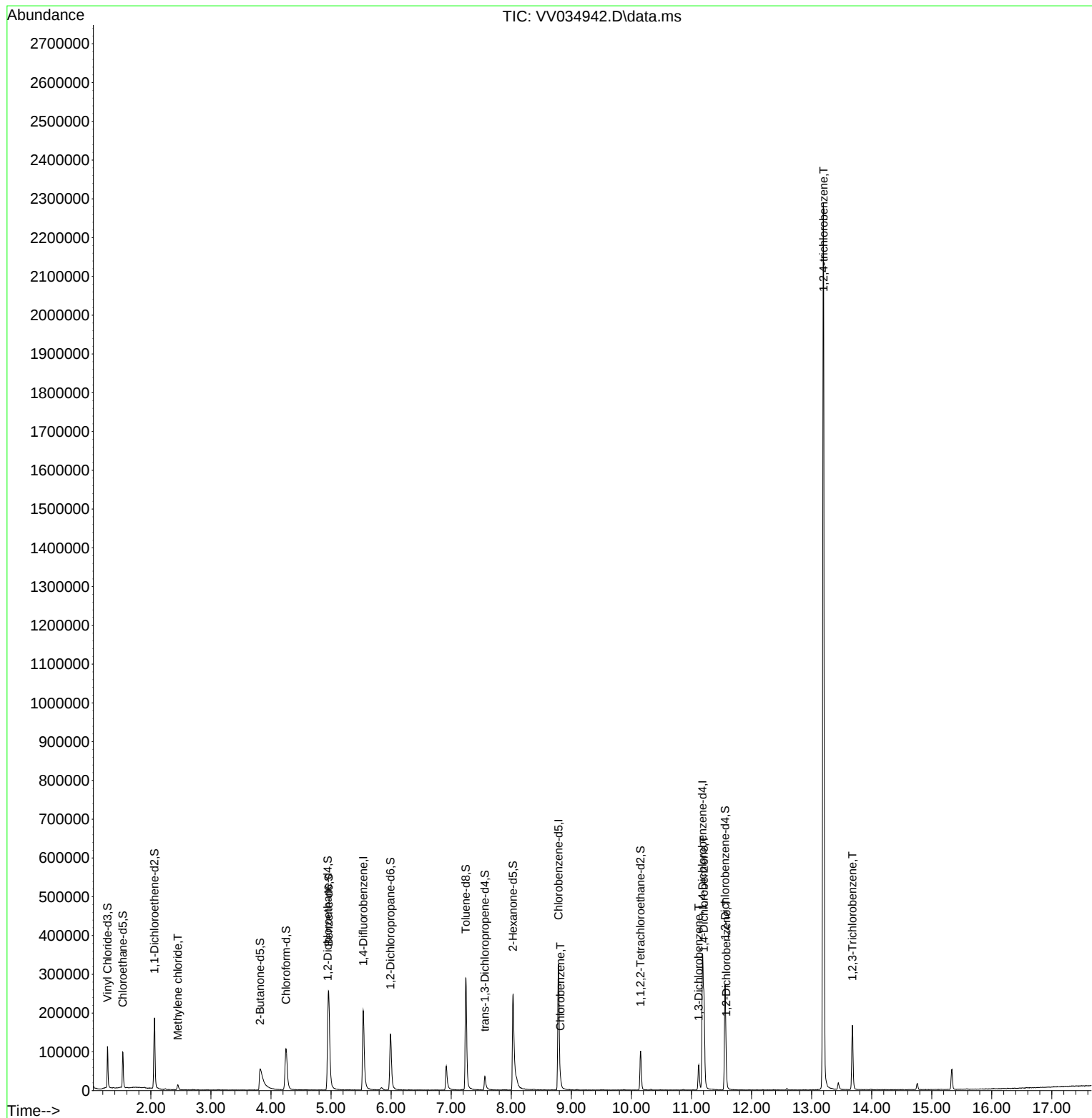
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 186914   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 181752   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 83525    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 69567    | 4.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.400%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 60054    | 4.729    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 31218    | 4.462    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.200%  |
| 20) 2-Butanone-d5             | 3.818  | 46    | 127871   | 53.054   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.100% |
| 24) Chloroform-d              | 4.249  | 84    | 117527   | 4.715    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 59780    | 5.311    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.200% |
| 32) Benzene-d6                | 4.960  | 84    | 241035   | 5.070    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.400% |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 75935    | 5.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.800% |
| 41) Toluene-d8                | 7.243  | 98    | 204609   | 4.738    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 24495    | 4.941    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.800%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 97240    | 57.156   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.320% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 51645    | 5.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 70034    | 5.323    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.449  | 84    | 5092     | 0.327    | ug/L   | 84       |
| 51) Chlorobenzene             | 8.818  | 112   | 11752    | 0.311    | ug/L   | 91       |
| 64) 1,3-Dichlorobenzene       | 11.120 | 146   | 28521    | 1.070    | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146   | 90029    | 3.374    | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146   | 9614     | 0.391    | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.197 | 180   | 677167   | 43.576   | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.680 | 180   | 49693    | 3.636    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

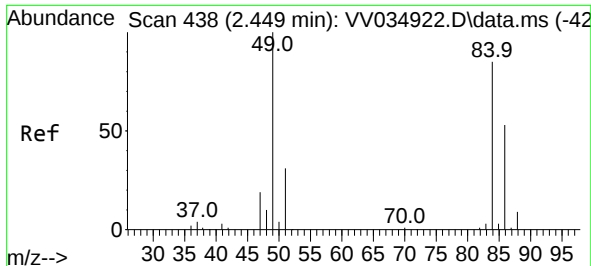
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040224\  
Data File : VV034942.D  
Acq On : 02 Apr 2024 19:32  
Operator : SY/MD  
Sample : VIBLK331  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK331

Quant Time: Apr 03 05:24:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 03 05:08:19 2024  
Response via : Initial Calibration

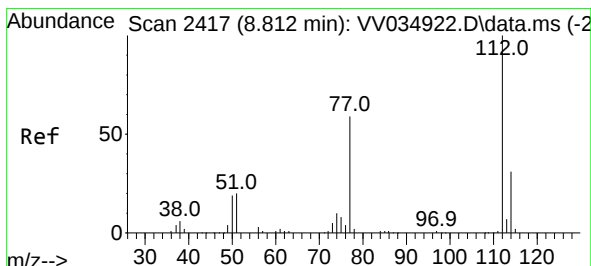
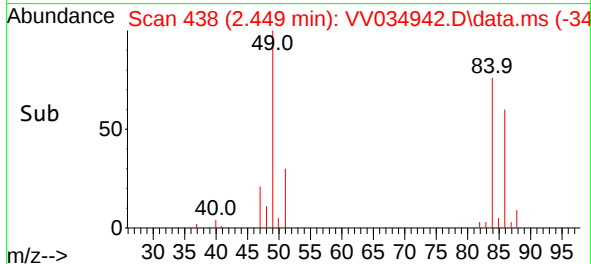
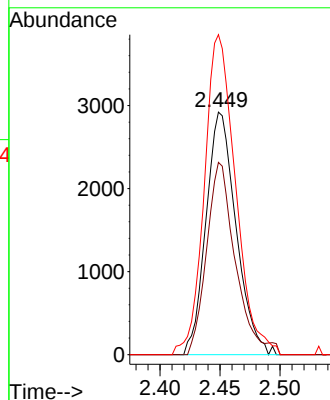
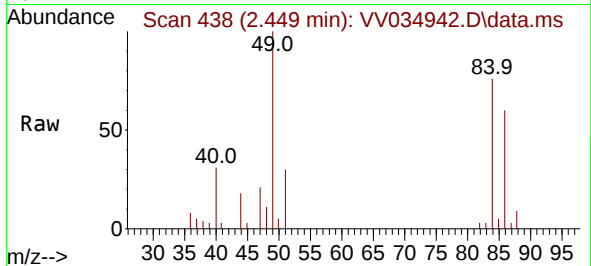




#16  
Methylene chloride  
Concen: 0.327 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

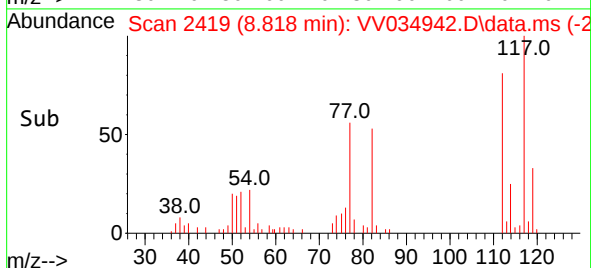
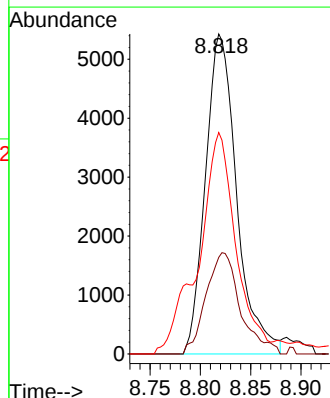
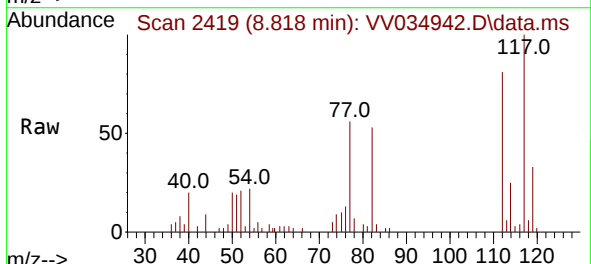
Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK331

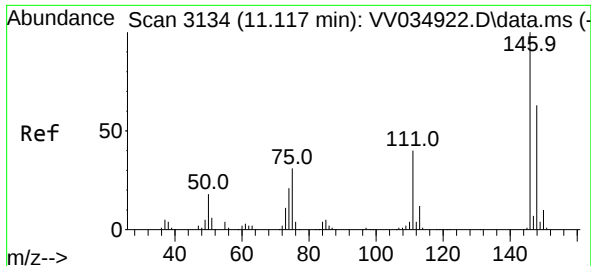
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5092  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 79.3  | 43.5  | 80.9  |
| 49       | 131.9 | 82.5  | 153.3 |



#51  
Chlorobenzene  
Concen: 0.311 ug/L  
RT: 8.818 min Scan# 2419  
Delta R.T. 0.007 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 11752 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 30.2  | 21.9  | 40.7  |
| 77       | 69.2  | 47.4  | 71.2  |

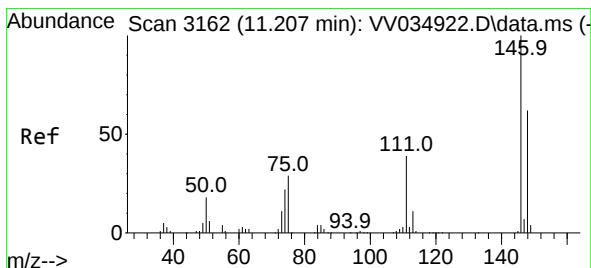
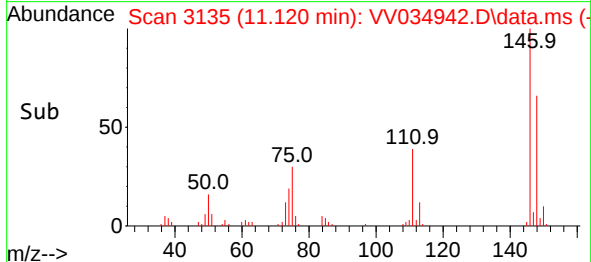
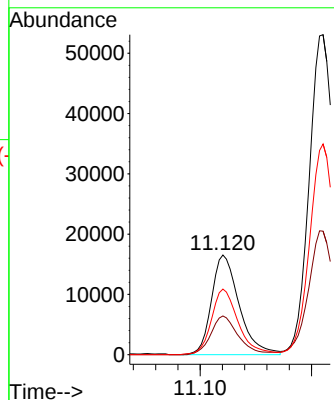
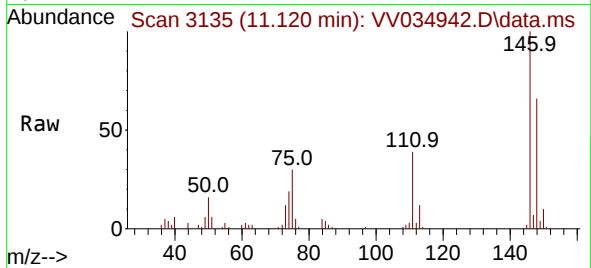




#64  
1,3-Dichlorobenzene  
Concen: 1.070 ug/L  
RT: 11.120 min Scan# 3135  
Delta R.T. 0.003 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

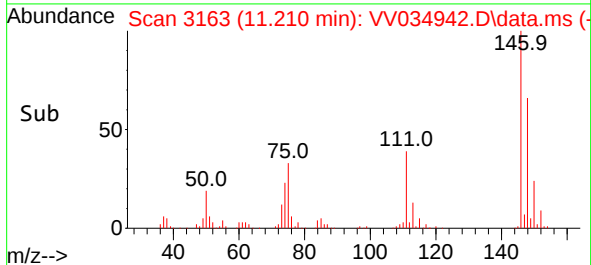
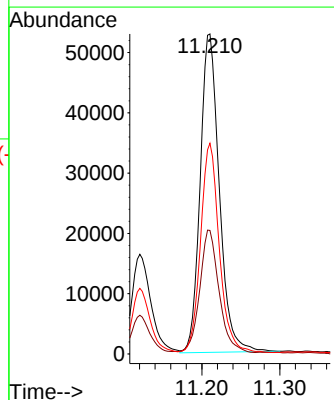
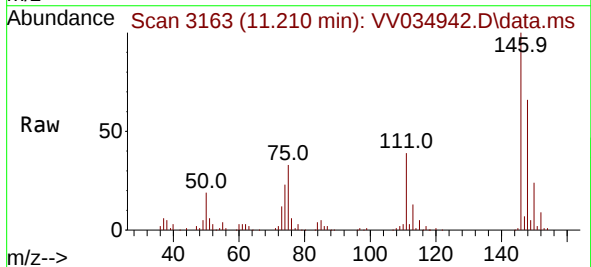
Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK331

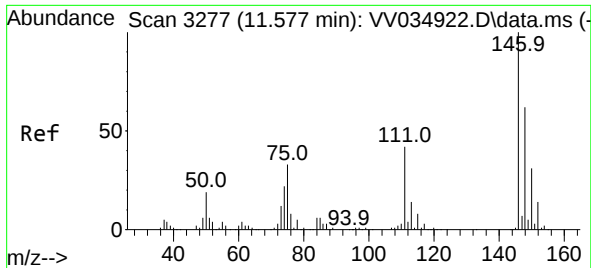
Tgt Ion:146 Resp: 28521  
Ion Ratio Lower Upper  
146 100  
111 38.9 27.7 51.5  
148 65.9 44.0 81.8



#65  
1,4-Dichlorobenzene  
Concen: 3.374 ug/L  
RT: 11.210 min Scan# 3163  
Delta R.T. 0.003 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

Tgt Ion:146 Resp: 90029  
Ion Ratio Lower Upper  
146 100  
111 38.6 27.3 50.7  
148 65.9 43.5 80.7

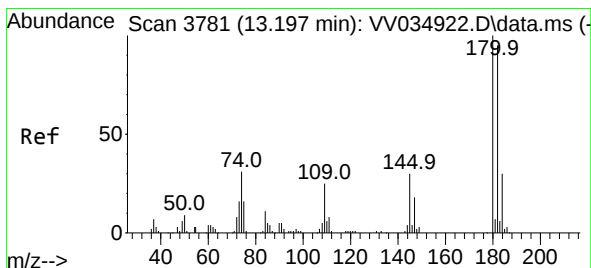
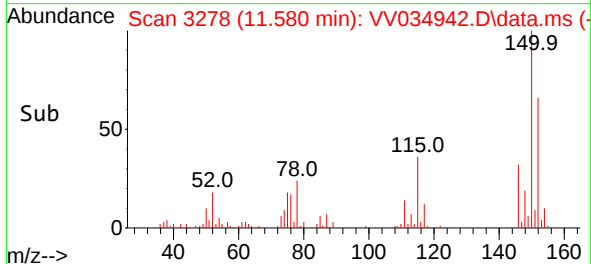
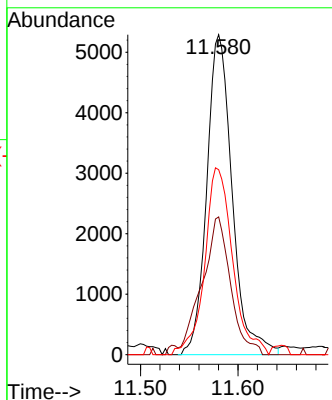
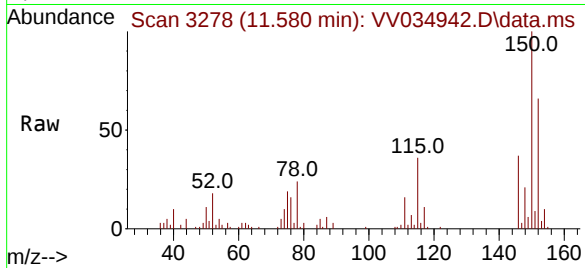




#67  
1,2-Dichlorobenzene  
Concen: 0.391 ug/L  
RT: 11.580 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

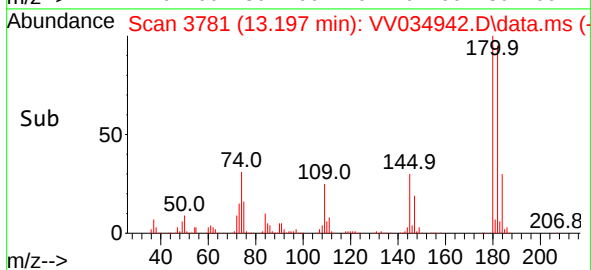
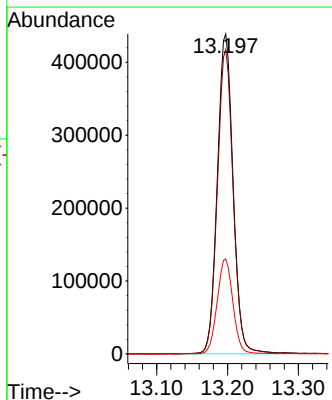
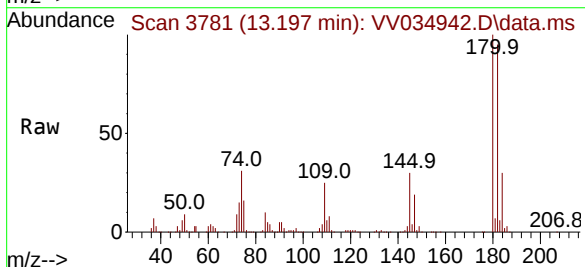
Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK331

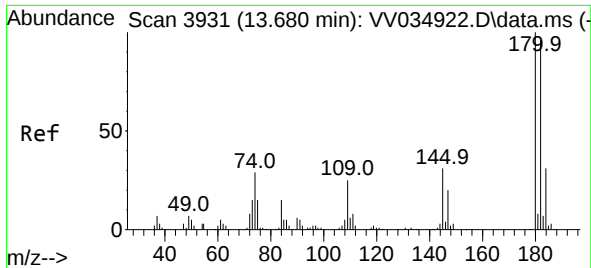
Tgt Ion:146 Resp: 9614  
Ion Ratio Lower Upper  
146 100  
111 43.1 33.9 50.9  
148 57.8 49.3 73.9



#70  
1,2,4-trichlorobenzene  
Concen: 43.576 ug/L  
RT: 13.197 min Scan# 3781  
Delta R.T. 0.000 min  
Lab File: VV034942.D  
Acq: 02 Apr 2024 19:32

Tgt Ion:180 Resp: 677167  
Ion Ratio Lower Upper  
180 100  
182 95.9 75.3 112.9  
145 30.0 23.4 35.0





#72  
 1,2,3-Trichlorobenzene  
 Concen: 3.636 ug/L  
 RT: 13.680 min Scan# 3931  
 Delta R.T. 0.000 min  
 Lab File: VV034942.D  
 Acq: 02 Apr 2024 19:32

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK331

Tgt Ion:180 Resp: 49693  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 77.0 115.4  
 145 31.9 25.4 38.2

