

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080322\  
 Data File : VV027188.D  
 Acq On : 03 Aug 2022 11:30  
 Operator : SY/MD  
 Sample : VV0803MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK248

Quant Time: Aug 04 03:03:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 04 02:57:16 2022  
 Response via : Initial Calibration

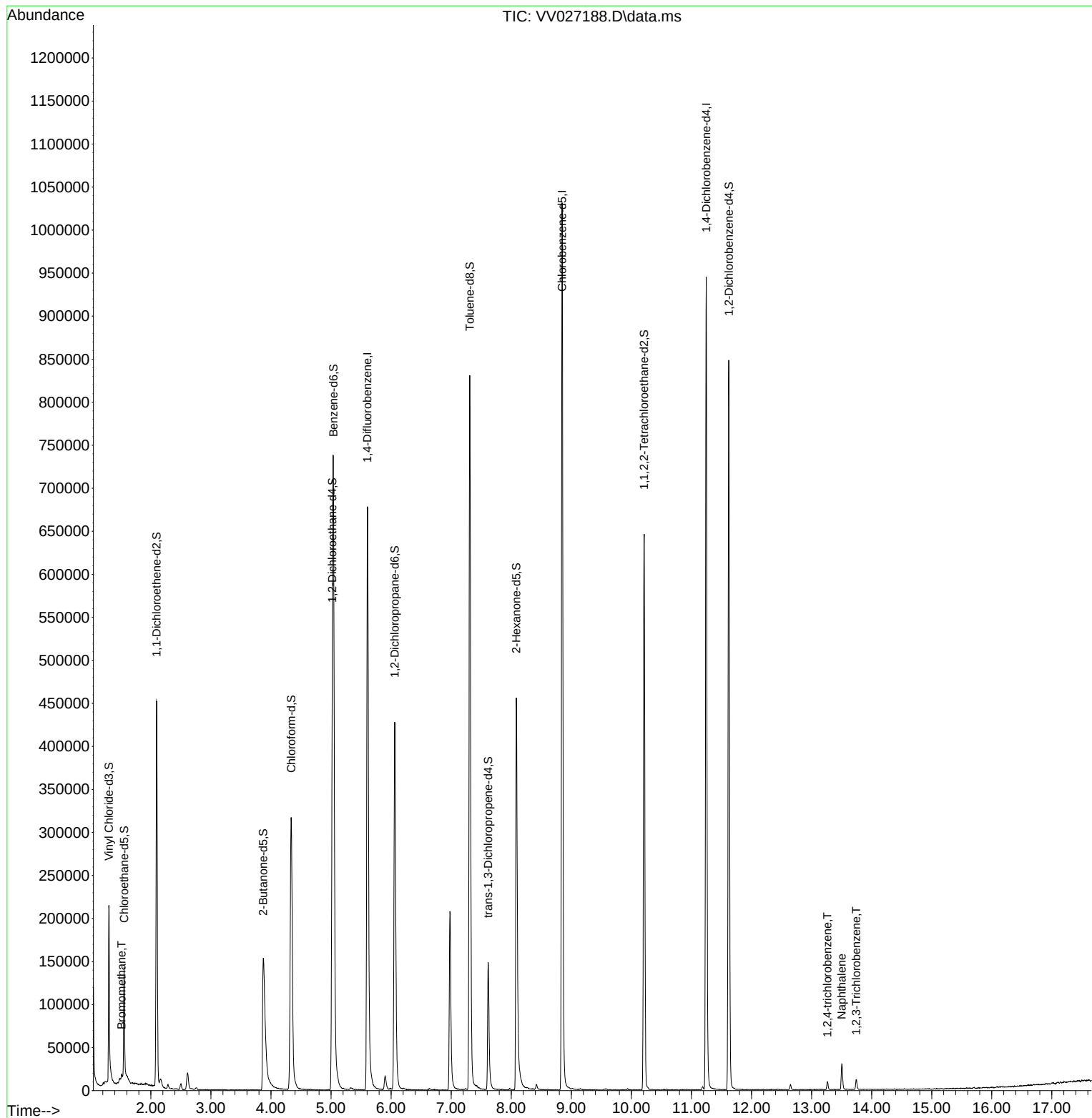
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.606   | 114   | 625289   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 599751   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 255441   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 159603   | 39.385   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.760%  |
| 7) Chloroethane-d5            | 1.555   | 69    | 81358    | 26.829   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 53.660%# |
| 11) 1,1-Dichloroethene-d2     | 2.095   | 63    | 230981   | 29.933   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.860%# |
| 21) 2-Butanone-d5             | 3.870   | 46    | 243821   | 91.386   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.390%  |
| 24) Chloroform-d              | 4.336   | 84    | 353698   | 43.180   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.360%  |
| 26) 1,2-Dichloroethane-d4     | 5.021   | 65    | 207415   | 44.629   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.260%  |
| 32) Benzene-d6                | 5.040   | 84    | 701477   | 44.201   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.059   | 67    | 225362   | 45.904   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.800%  |
| 41) Toluene-d8                | 7.310   | 98    | 580138   | 40.548   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.100%  |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79    | 91427    | 42.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.860%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 169293   | 89.321   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 324540   | 44.223   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 224533   | 50.016   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 100.040% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 6) Bromomethane               | 1.513   | 94    | 3149     | 1.028    | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.265  | 180   | 3657     | 0.795    | ug/L   | 90       |
| 71) Naphthalene               | 13.503  | 128   | 26604    | 1.760    | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744  | 180   | 4002     | 0.795    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

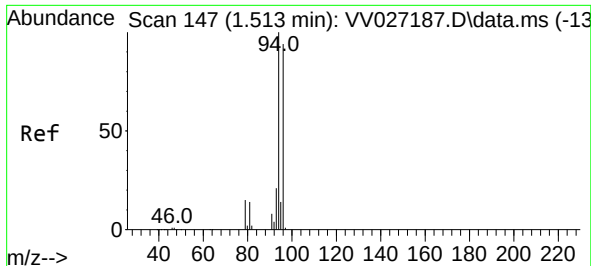
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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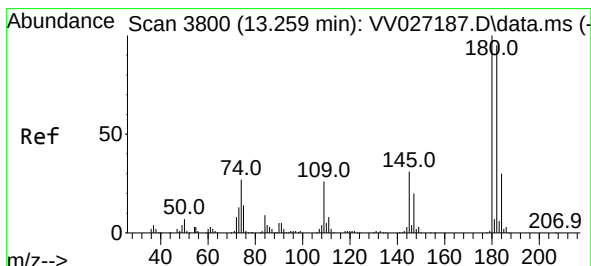
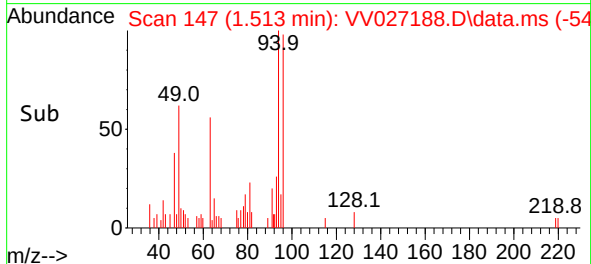
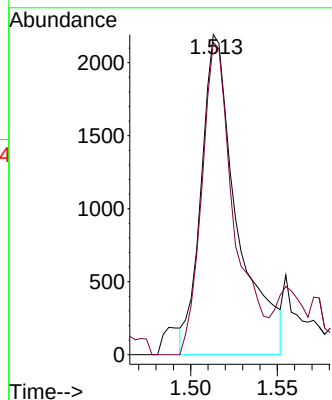
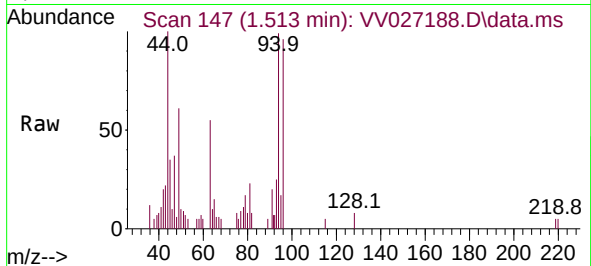




#6  
Bromomethane  
Concen: 1.028 ug/L  
RT: 1.513 min Scan# 147  
Delta R.T. -0.000 min  
Lab File: VV027188.D  
Acq: 03 Aug 2022 11:30

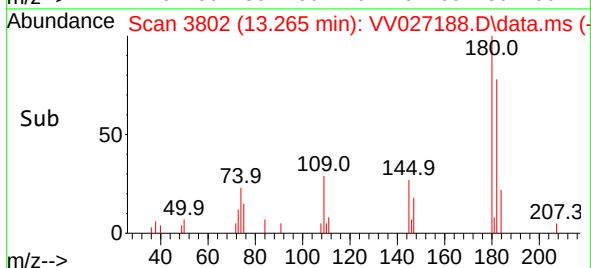
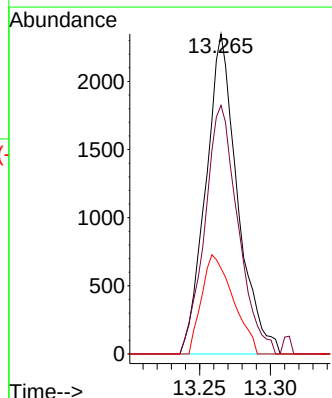
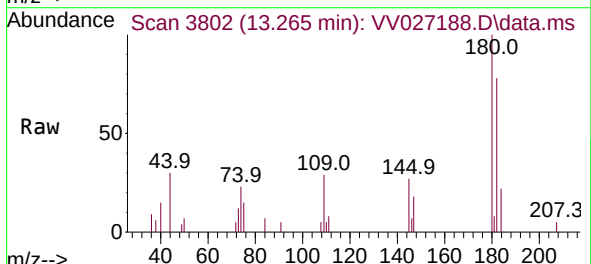
Instrument :  
MSVOA\_V  
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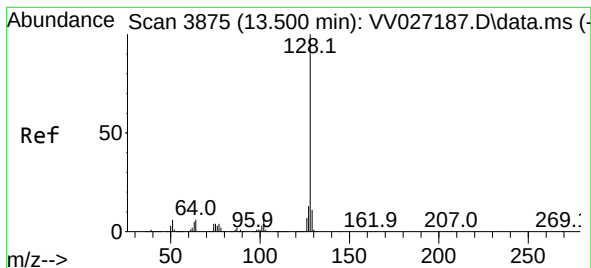
Tgt Ion: 94 Resp: 3149  
Ion Ratio Lower Upper  
94 100  
96 97.6 66.6 123.6



#70  
1,2,4-trichlorobenzene  
Concen: 0.795 ug/L  
RT: 13.265 min Scan# 3802  
Delta R.T. 0.006 min  
Lab File: VV027188.D  
Acq: 03 Aug 2022 11:30

Tgt Ion:180 Resp: 3657  
Ion Ratio Lower Upper  
180 100  
182 81.1 75.2 112.8  
145 30.7 24.7 37.1





#71

Naphthalene

Concen: 1.760 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027188.D

Acq: 03 Aug 2022 11:30

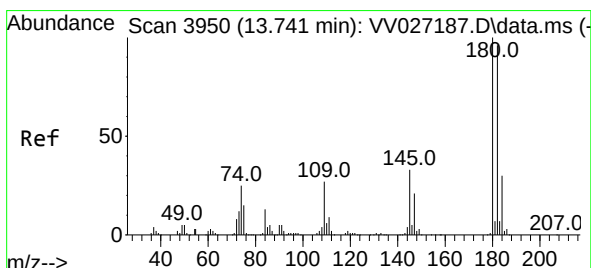
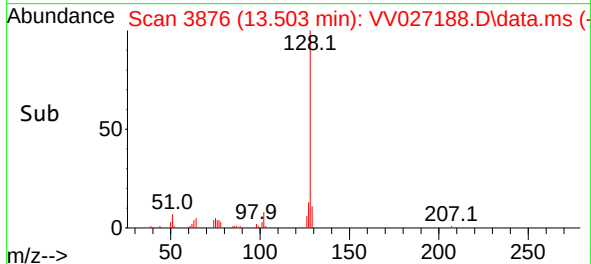
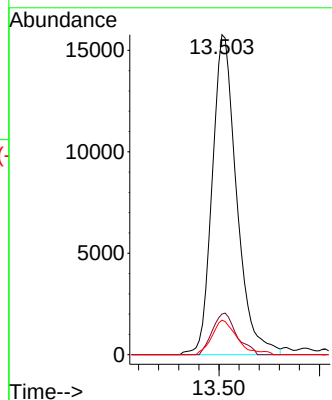
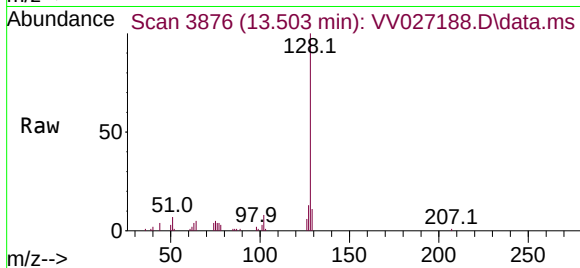
Instrument :

MSVOA\_V

ClientSampleId :

VBLK248

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 26604 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.8  | 10.2  | 15.2  |
| 129       | 10.8  | 8.7   | 13.1  |



#72

1,2,3-Trichlorobenzene

Concen: 0.795 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027188.D

Acq: 03 Aug 2022 11:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 4002  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.8  | 76.3  | 114.5 |
| 145       | 34.4  | 26.8  | 40.2  |

