

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041123\  
 Data File : VV030487.D  
 Acq On : 11 Apr 2023 12:10  
 Operator : SY/MD  
 Sample : VV0411WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK326

Quant Time: Apr 12 05:01:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 12 05:00:18 2023  
 Response via : Initial Calibration

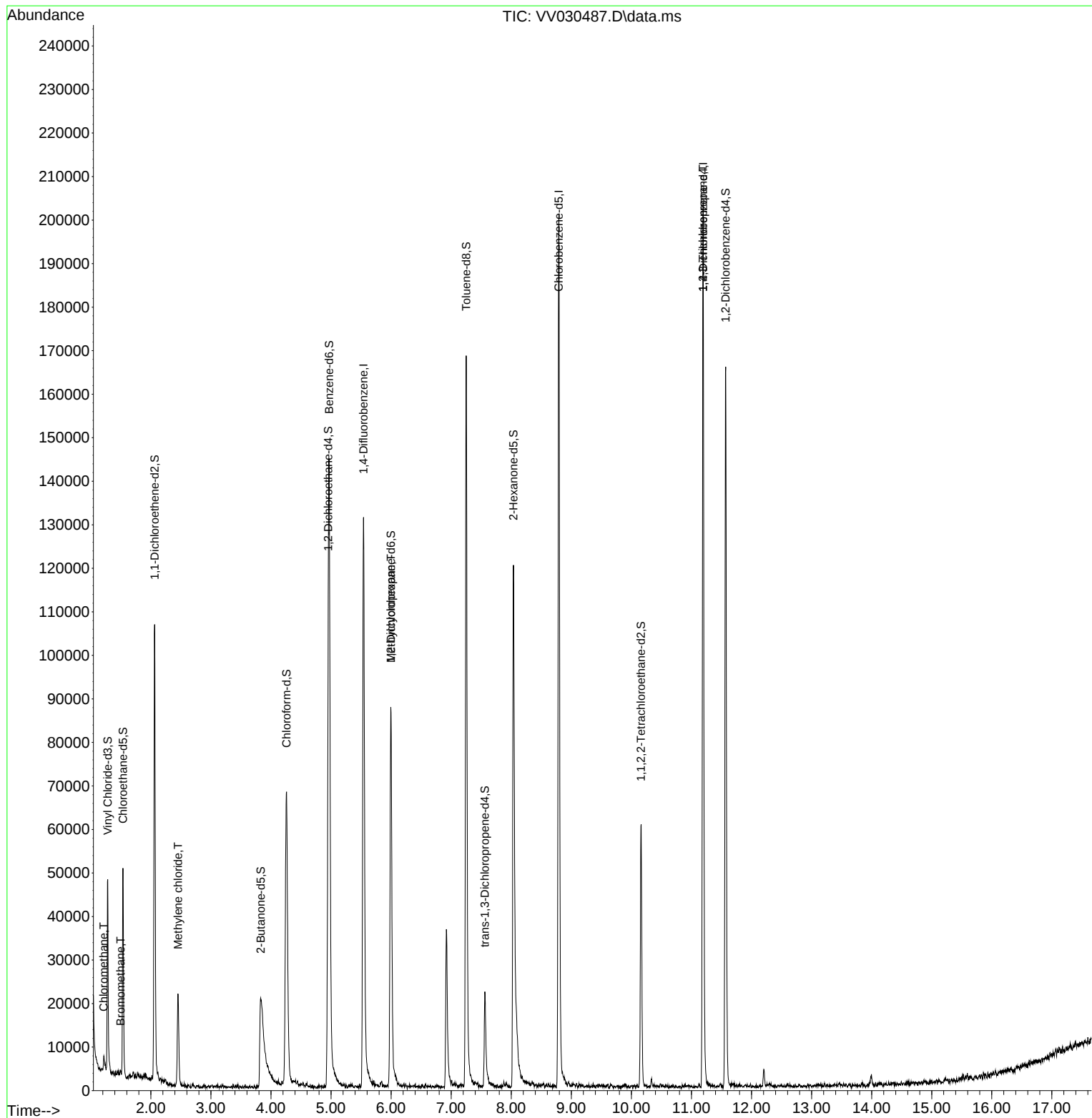
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 114523   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 112641   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 54777    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65             | 30308    | 3.996  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 80.000% |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 28970    | 3.936  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 78.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63             | 54123    | 3.007  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.200% |          |
| 20) 2-Butanone-d5             | 3.828  | 46             | 60083    | 30.647 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 61.300% |          |
| 24) Chloroform-d              | 4.259  | 84             | 74425    | 4.054  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 35421    | 4.090  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.800% |          |
| 32) Benzene-d6                | 4.966  | 84             | 130895   | 4.124  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 40822    | 4.108  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 82.200% |          |
| 41) Toluene-d8                | 7.249  | 98             | 113668   | 3.900  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 78.000% |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 13660    | 3.651  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.000% |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 47589    | 31.653 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 63.300% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 28451    | 3.633  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 72.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 42786    | 4.370  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 87.400% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 3) Chloromethane              | 1.217  | 50             | 1731     | 0.094  | ug/L    | 85       |
| 6) Bromomethane               | 1.494  | 94             | 446      | 0.117  | ug/L    | 87       |
| 16) Methylene chloride        | 2.452  | 84             | 8835     | 0.781  | ug/L    | 99       |
| 35) Methylcyclohexane         | 5.995  | 83             | 9904     | 0.585  | ug/L #  | 18       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75             | 6440     | 1.315  | ug/L #  | 68       |

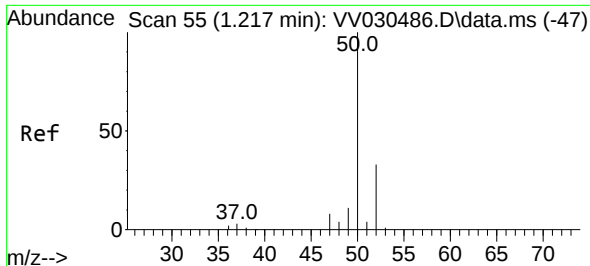
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041123\  
Data File : VV030487.D  
Acq On : 11 Apr 2023 12:10  
Operator : SY/MD  
Sample : VV0411WBL01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK326

Quant Time: Apr 12 05:01:07 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 12 05:00:18 2023  
Response via : Initial Calibration

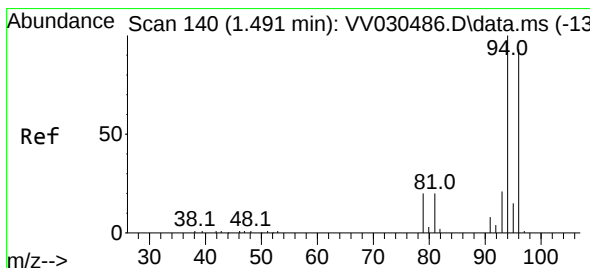
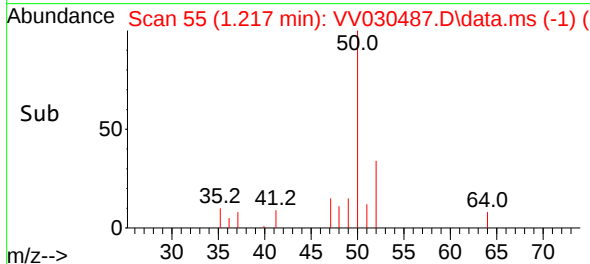
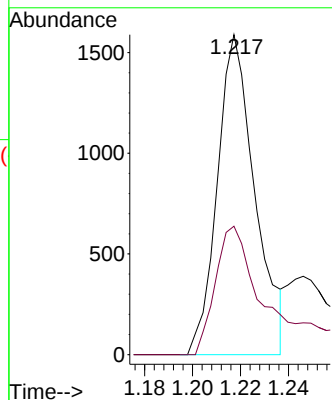
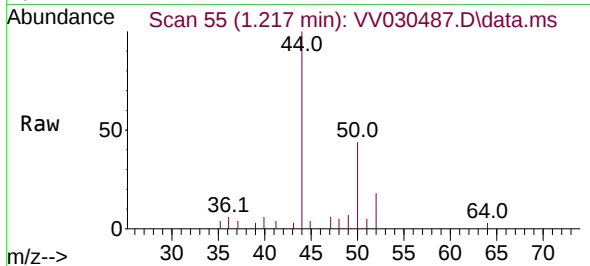




#3  
Chloromethane  
Concen: 0.094 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV030487.D  
Acq: 11 Apr 2023 12:10

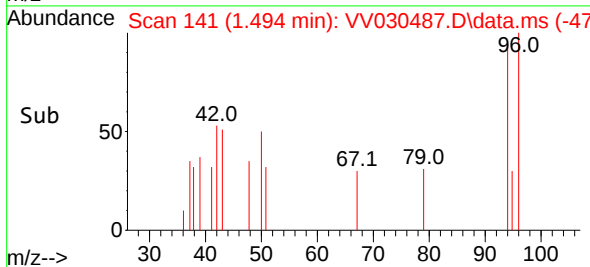
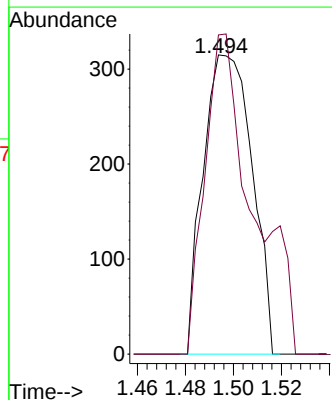
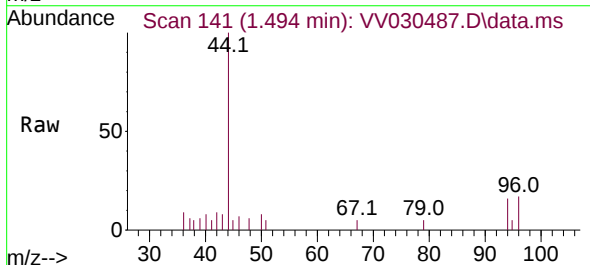
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK326

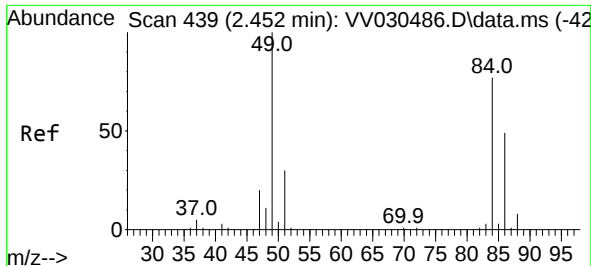
Tgt Ion: 50 Resp: 1731  
Ion Ratio Lower Upper  
50 100  
52 40.2 22.3 41.5



#6  
Bromomethane  
Concen: 0.117 ug/L  
RT: 1.494 min Scan# 141  
Delta R.T. 0.003 min  
Lab File: VV030487.D  
Acq: 11 Apr 2023 12:10

Tgt Ion: 94 Resp: 446  
Ion Ratio Lower Upper  
94 100  
96 106.7 66.1 122.7

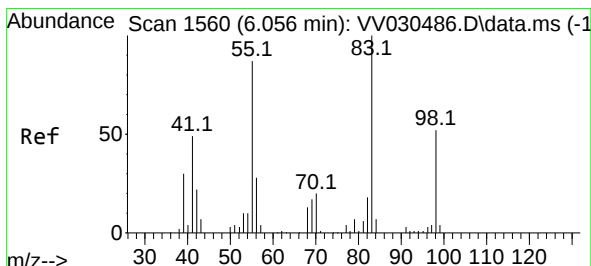
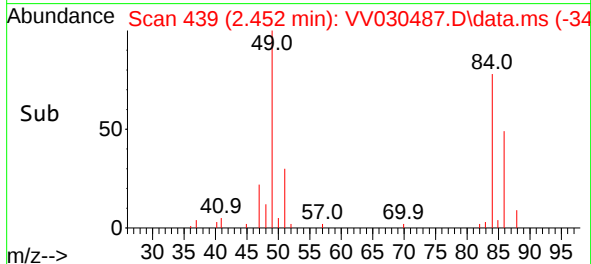
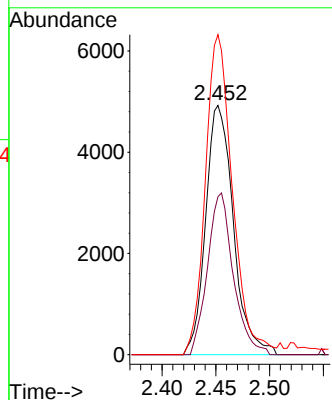
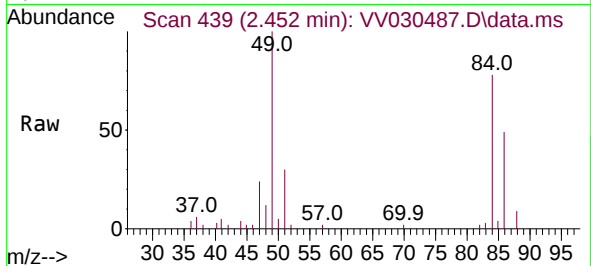




#16  
Methylene chloride  
Concen: 0.781 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV030487.D  
Acq: 11 Apr 2023 12:10

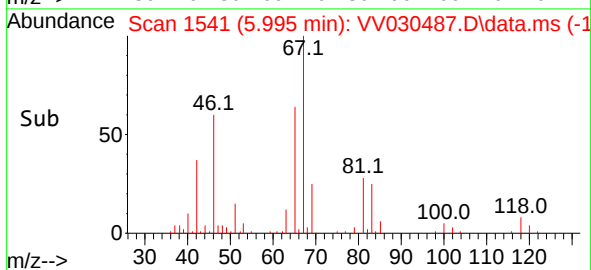
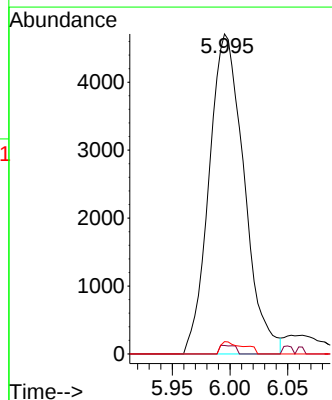
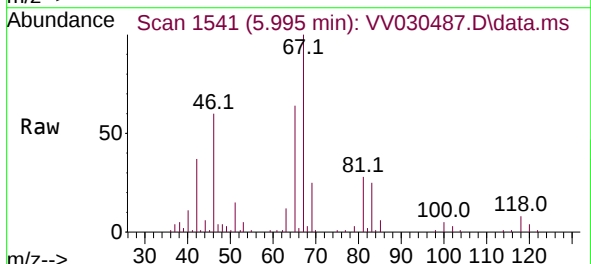
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK326

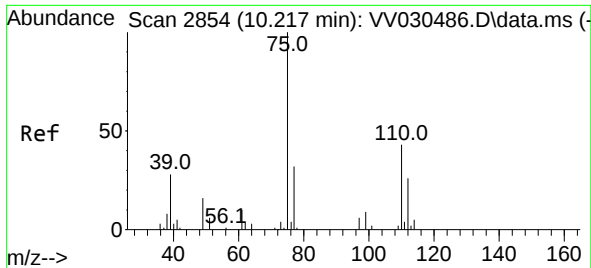
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 8835  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 86 63.4     | 44.0 81.6   |
| 49 128.4    | 90.6 168.3  |



#35  
Methylcyclohexane  
Concen: 0.585 ug/L  
RT: 5.995 min Scan# 1541  
Delta R.T. -0.061 min  
Lab File: VV030487.D  
Acq: 11 Apr 2023 12:10

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 9904  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 1.2      | 66.6 100.0# |
| 98 2.5      | 38.6 58.0#  |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.315 ug/L  
 RT: 11.191 min Scan# 3157  
 Delta R.T. 0.974 min  
 Lab File: VV030487.D  
 Acq: 11 Apr 2023 12:10

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK326

Tgt Ion: 75 Resp: 6440  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 26.0 39.0  
 110 3.6 31.6 47.4#

