

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060623\  
 Data File : VW031364.D  
 Acq On : 06 Jun 2023 10:46  
 Operator : SY/MD  
 Sample : 03000-03 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C26

Quant Time: Jun 07 02:00:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 07 01:59:39 2023  
 Response via : Initial Calibration

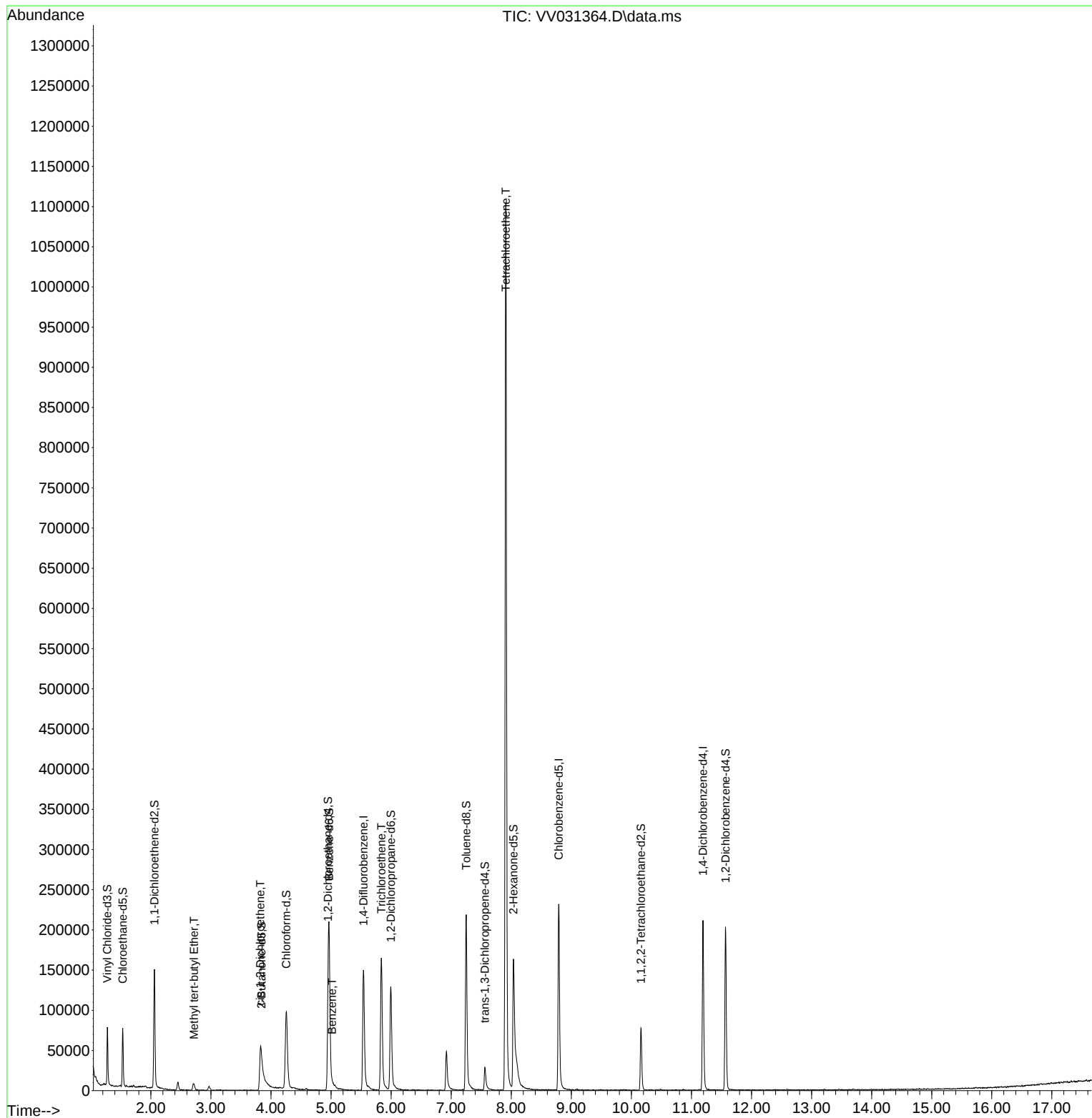
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 124906   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 130657   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 56833    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 47726    | 3.756    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.200%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 45272    | 4.218    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 26327    | 4.268    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.400%  |
| 20) 2-Butanone-d5             | 3.841  | 46    | 73690    | 25.058   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 50.120%  |
| 24) Chloroform-d              | 4.252  | 84    | 105146   | 4.922    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 53188    | 4.642    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 32) Benzene-d6                | 4.966  | 84    | 183107   | 4.610    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67    | 64149    | 4.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.600%  |
| 41) Toluene-d8                | 7.249  | 98    | 148861   | 3.991    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 19979    | 4.090    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.800%  |
| 46) 2-Hexanone-d5             | 8.037  | 63    | 70418    | 35.888   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 71.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 38520    | 3.777    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 75.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152   | 51143    | 4.771    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 17) Methyl tert-butyl Ether   | 2.719  | 73    | 7234     | 0.272    | ug/L   | # 94     |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96    | 19588    | 1.747    | ug/L   | 98       |
| 33) Benzene                   | 5.014  | 78    | 5083     | 0.109    | ug/L   | 100      |
| 34) Trichloroethene           | 5.838  | 95    | 58863    | 4.687    | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.908  | 164   | 245522   | 25.089   | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

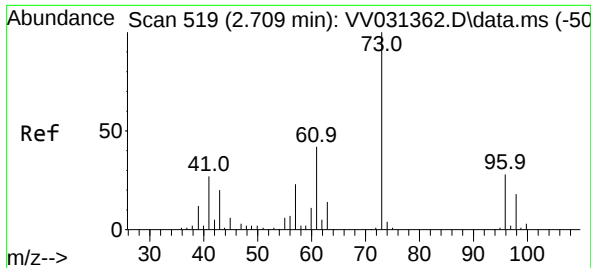
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060623\  
Data File : VV031364.D  
Acq On : 06 Jun 2023 10:46  
Operator : SY/MD  
Sample : 03000-03 20X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F6C26

Quant Time: Jun 07 02:00:30 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jun 07 01:59:39 2023  
Response via : Initial Calibration

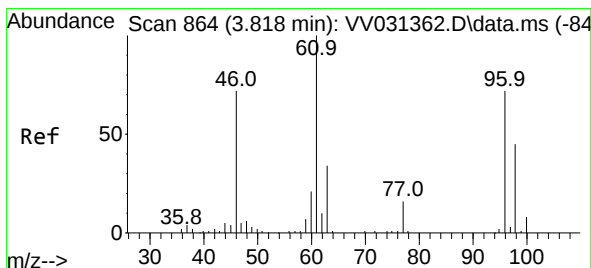
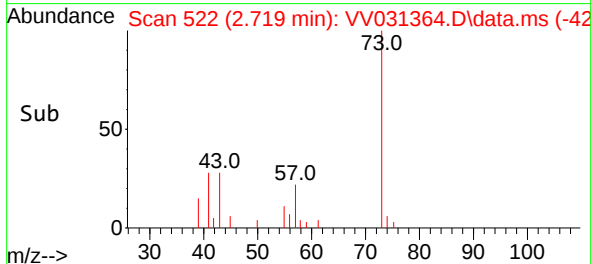
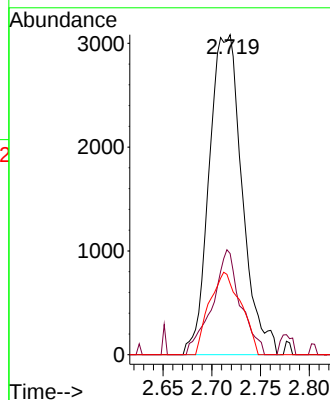
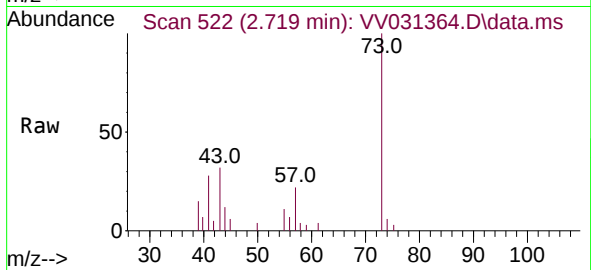




#17  
Methyl tert-butyl Ether  
Concen: 0.272 ug/L  
RT: 2.719 min Scan# 519  
Delta R.T. 0.009 min  
Lab File: VV031364.D  
Acq: 06 Jun 2023 10:46

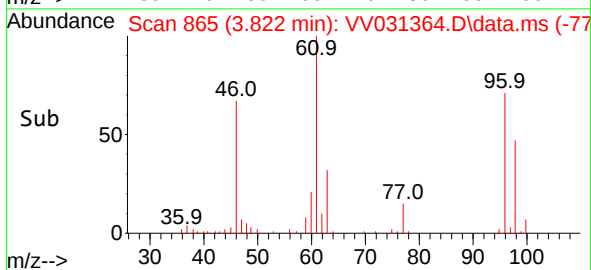
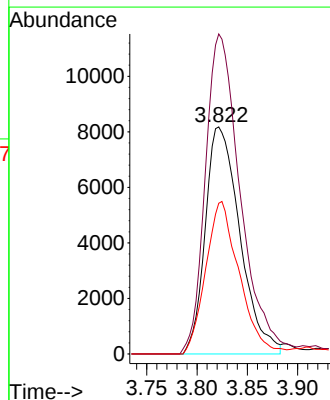
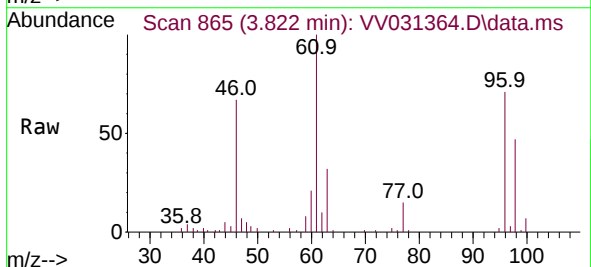
Instrument :  
MSVOA\_V  
ClientSampleId :  
F6C26

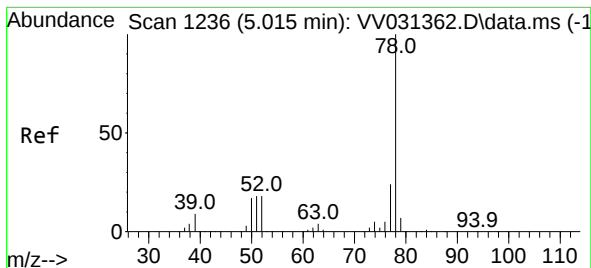
Tgt Ion: 73 Resp: 7234  
Ion Ratio Lower Upper  
73 100  
43 28.3 17.8 26.8#  
57 24.7 19.8 29.8



#22  
cis-1,2-Dichloroethene  
Concen: 1.747 ug/L  
RT: 3.822 min Scan# 865  
Delta R.T. 0.003 min  
Lab File: VV031364.D  
Acq: 06 Jun 2023 10:46

Tgt Ion: 96 Resp: 19588  
Ion Ratio Lower Upper  
96 100  
61 140.9 100.8 187.2  
98 66.4 45.1 83.9





#33

Benzene

Concen: 0.109 ug/L

RT: 5.014 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

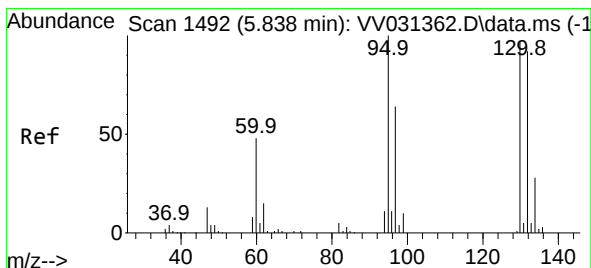
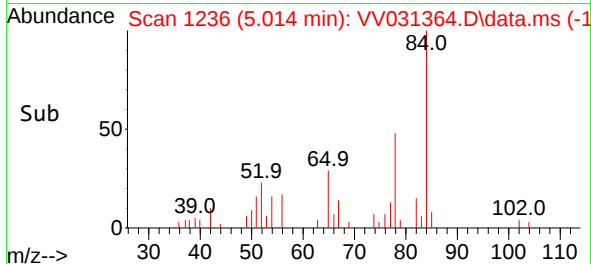
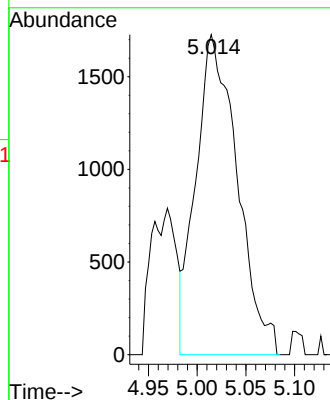
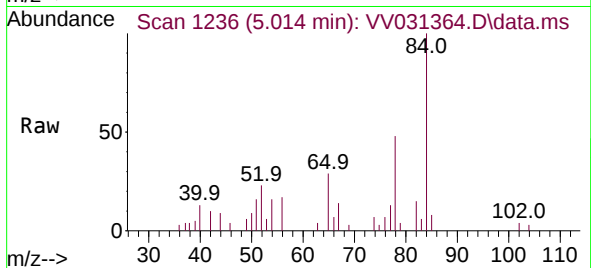
Instrument :

MSVOA\_V

ClientSampleId :

F6C26

Tgt Ion: 78 Resp: 5083



#34

Trichloroethene

Concen: 4.687 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.000 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

Tgt Ion: 95 Resp: 58863

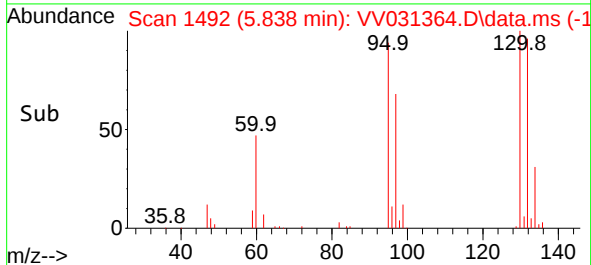
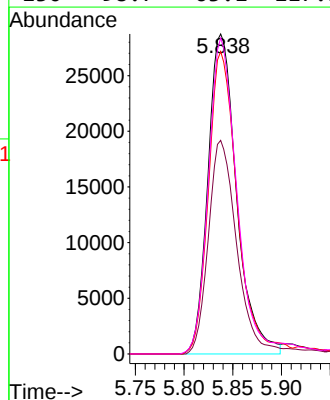
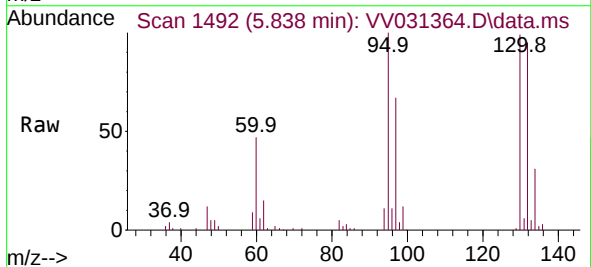
Ion Ratio Lower Upper

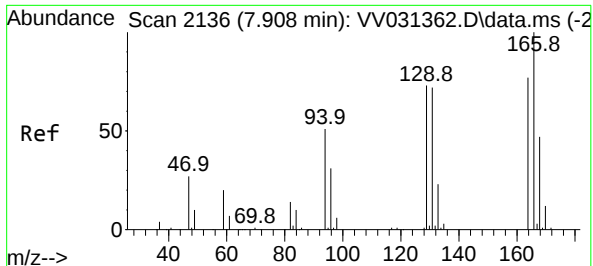
95 100

97 66.8 46.1 85.5

132 94.5 64.5 119.9

130 98.7 63.1 117.1





#47  
Tetrachloroethene  
Concen: 25.089 ug/L  
RT: 7.908 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV031364.D  
Acq: 06 Jun 2023 10:46

Instrument :  
MSVOA\_V  
ClientSampleId :  
F6C26

Tgt Ion:164 Resp: 245522  
Ion Ratio Lower Upper  
164 100  
129 97.1 66.0 122.6  
131 92.8 65.3 121.3  
166 128.1 90.1 167.3

