

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021324\  
 Data File : VW034157.D  
 Acq On : 13 Feb 2024 15:58  
 Operator : SY/MD  
 Sample : P1455-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE9

Quant Time: Feb 14 01:45:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 14 01:41:00 2024  
 Response via : Initial Calibration

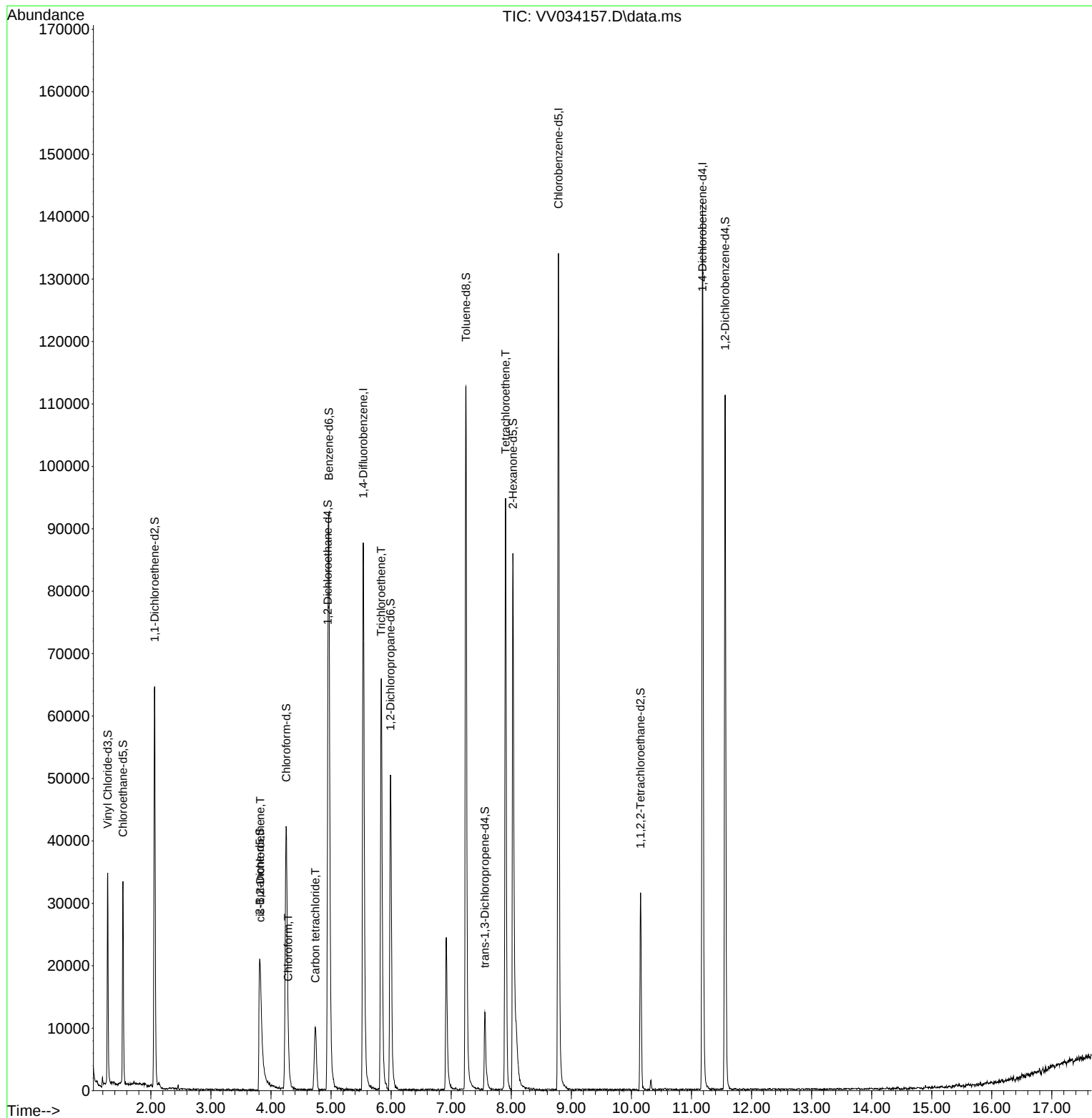
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min)  |
|-------------------------------|--------|----------------|----------|--------|---------|-----------|
| -----                         |        |                |          |        |         |           |
| Internal Standards            |        |                |          |        |         |           |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 76633    | 5.000  | ug/L    | 0.00      |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 72898    | 5.000  | ug/L    | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152            | 37024    | 5.000  | ug/L    | 0.00      |
|                               |        |                |          |        |         |           |
| System Monitoring Compounds   |        |                |          |        |         |           |
| 4) Vinyl Chloride-d3          | 1.282  | 65             | 21844    | 3.681  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 73.600% |           |
| 7) Chloroethane-d5            | 1.536  | 69             | 20155    | 3.877  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 77.600% |           |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 11087    | 3.874  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 77.400% |           |
| 20) 2-Butanone-d5             | 3.812  | 46             | 38621    | 38.746 | ug/L    | 0.00      |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 77.500% |           |
| 24) Chloroform-d              | 4.253  | 84             | 44172    | 4.096  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.000% |           |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 22852    | 4.534  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600% |           |
| 32) Benzene-d6                | 4.963  | 84             | 83189    | 3.804  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 76.000% |           |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 23147    | 3.786  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 75.800% |           |
| 41) Toluene-d8                | 7.246  | 98             | 75730    | 3.767  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 75.400% |           |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 8560     | 3.708  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 74.200% |           |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 28934    | 35.110 | ug/L    | 0.00      |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 70.220% |           |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84             | 14367    | 3.876  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 77.600% |           |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 28521    | 4.236  | ug/L    | 0.00      |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 84.800% |           |
|                               |        |                |          |        |         |           |
| Target Compounds              |        |                |          |        |         |           |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96             | 1991     | 0.322  | ug/L    | Qvalue 88 |
| 25) Chloroform                | 4.288  | 83             | 4187     | 0.413  | ug/L    | # 71      |
| 31) Carbon tetrachloride      | 4.738  | 117            | 8101     | 0.946  | ug/L    | 100       |
| 34) Trichloroethene           | 5.834  | 95             | 23398    | 3.698  | ug/L    | 97        |
| 47) Tetrachloroethene         | 7.905  | 164            | 20431    | 3.974  | ug/L    | 97        |
| -----                         |        |                |          |        |         |           |

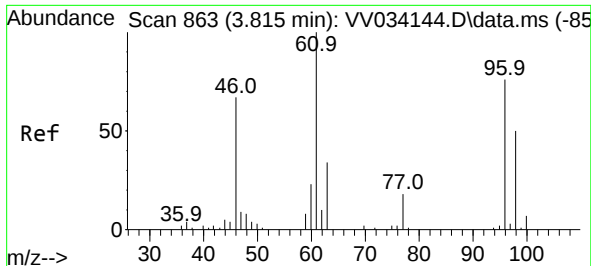
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021324\  
Data File : VV034157.D  
Acq On : 13 Feb 2024 15:58  
Operator : SY/MD  
Sample : P1455-06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AE9

Quant Time: Feb 14 01:45:00 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Feb 14 01:41:00 2024  
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.322 ug/L

RT: 3.822 min Scan# 8

Delta R.T. 0.006 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Instrument :

MSVOA\_V

ClientSampleId :

C0AE9

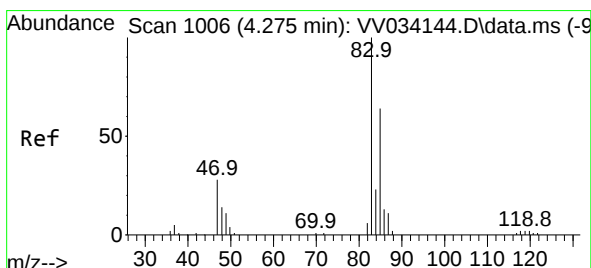
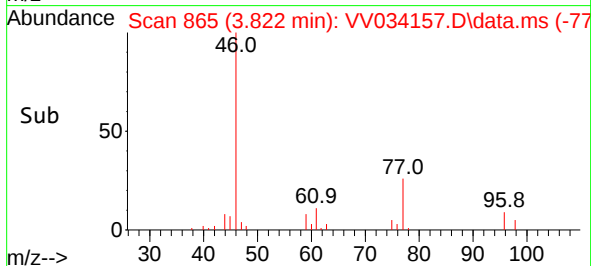
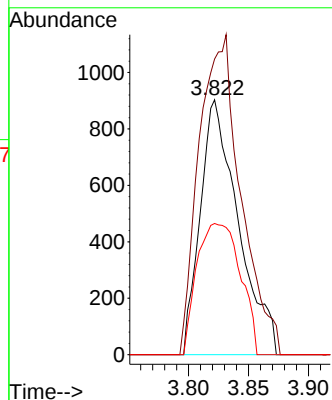
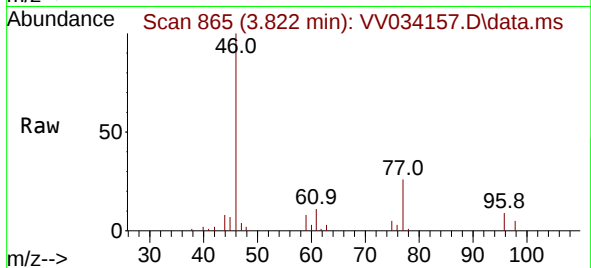
Tgt Ion: 96 Resp: 1991

Ion Ratio Lower Upper

96 100

61 116.1 90.3 167.7

98 51.5 43.2 80.2



#25

Chloroform

Concen: 0.413 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.013 min

Lab File: VV034157.D

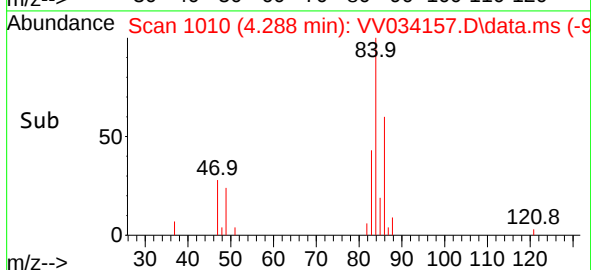
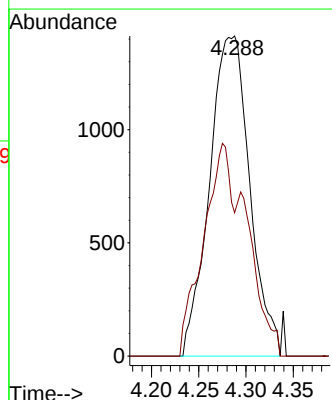
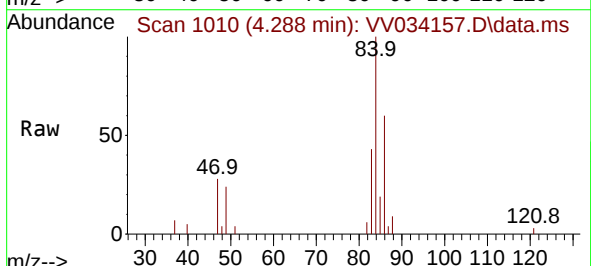
Acq: 13 Feb 2024 15:58

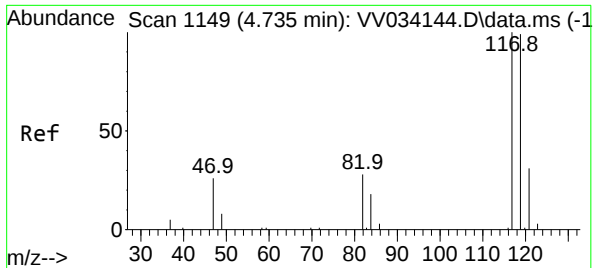
Tgt Ion: 83 Resp: 4187

Ion Ratio Lower Upper

83 100

85 44.8 47.5 88.1#

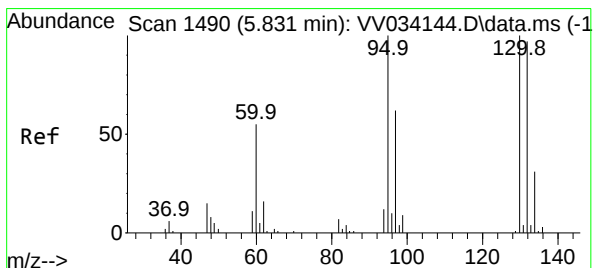
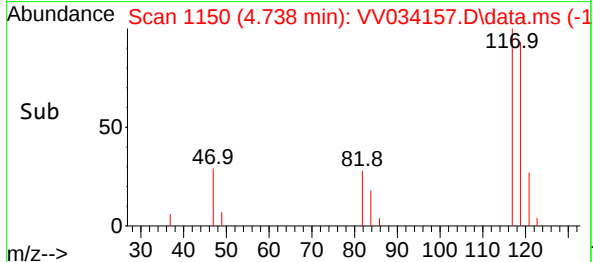
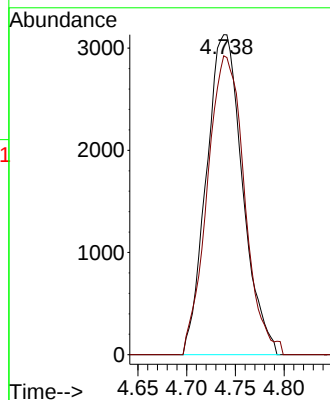
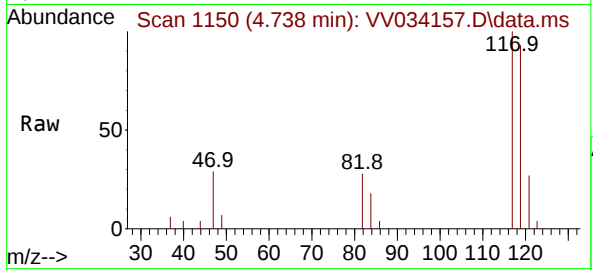




#31  
Carbon tetrachloride  
Concen: 0.946 ug/L  
RT: 4.738 min Scan# 1149  
Delta R.T. 0.003 min  
Lab File: VV034157.D  
Acq: 13 Feb 2024 15:58

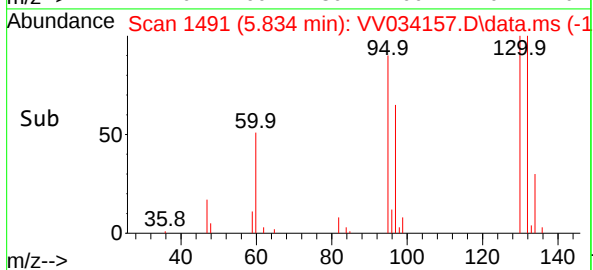
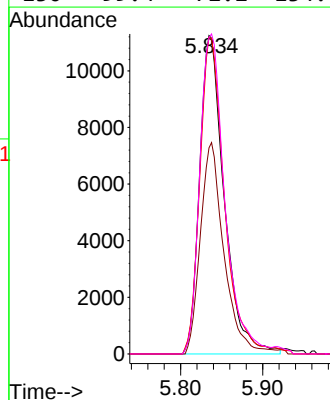
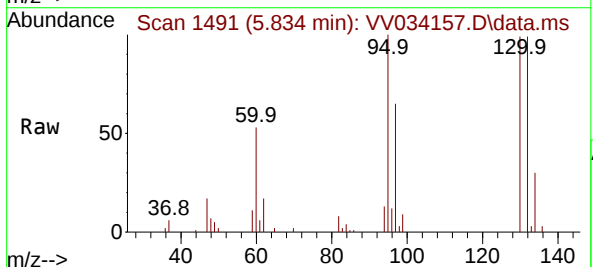
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AE9

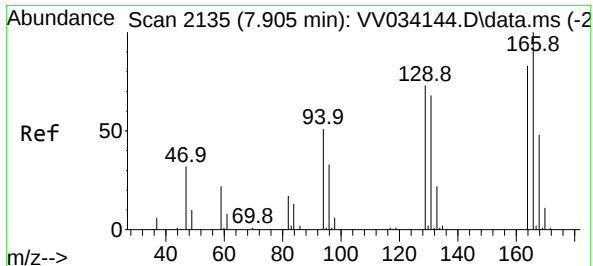
Tgt Ion: 117 Resp: 8101  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.1 114.1



#34  
Trichloroethene  
Concen: 3.698 ug/L  
RT: 5.834 min Scan# 1491  
Delta R.T. 0.003 min  
Lab File: VV034157.D  
Acq: 13 Feb 2024 15:58

Tgt Ion: 95 Resp: 23398  
Ion Ratio Lower Upper  
95 100  
97 64.7 45.1 83.7  
132 99.5 66.0 122.6  
130 99.4 72.2 134.0





#47  
 Tetrachloroethene  
 Concen: 3.974 ug/L  
 RT: 7.905 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VV034157.D  
 Acq: 13 Feb 2024 15:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE9

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 20431       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 94.5  | 67.8 125.8  |
| 131         | 91.5  | 63.0 117.0  |
| 166         | 127.0 | 92.6 172.0  |

