

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121523\  
 Data File : VU056889.D  
 Acq On : 15 Dec 2023 19:13  
 Operator : MD/SY  
 Sample : 05684-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E06J4

Quant Time: Dec 15 22:27:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 15 01:53:53 2023  
 Response via : Initial Calibration

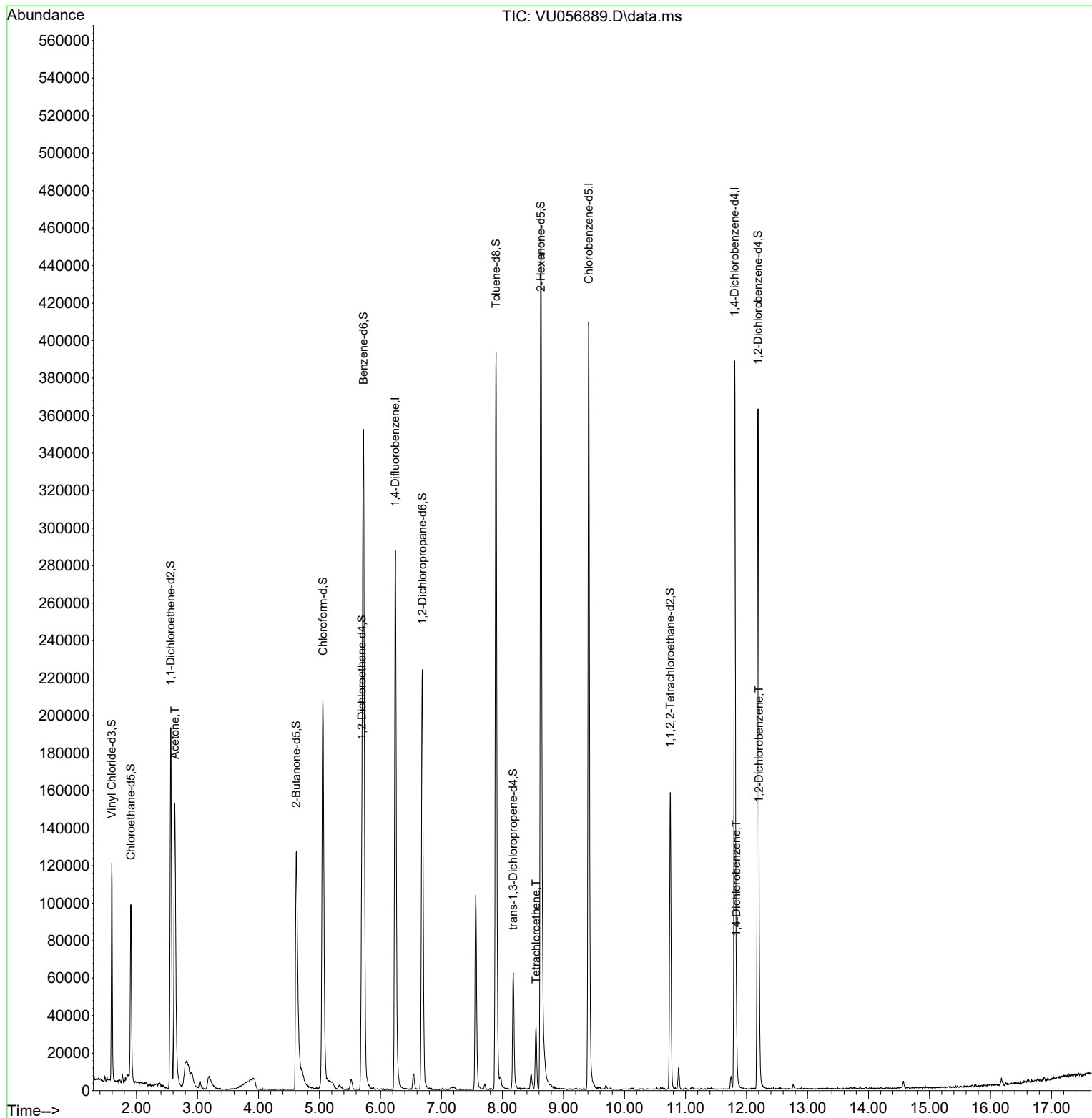
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 235784   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 236196   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 101017   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 82930    | 4.103    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 82.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 68771    | 4.547    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 91.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 37468    | 4.333    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 86.600%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 205933   | 51.595   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 103.200% |
| 24) Chloroform-d              | 5.055  | 84    | 183352   | 4.791    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 90328    | 4.988    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 99.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 343009   | 4.682    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 110310   | 4.811    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 96.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 270692   | 4.134    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 82.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 38101    | 4.285    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 160796   | 47.943   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 95.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 81427    | 4.908    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 98.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 96942    | 4.882    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 97.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 2.628  | 43    | 200600   | 82.471   | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.550  | 164   | 7322     | 0.459    | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146   | 9659     | 0.260    | ug/L  | 90       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 8674     | 0.252    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

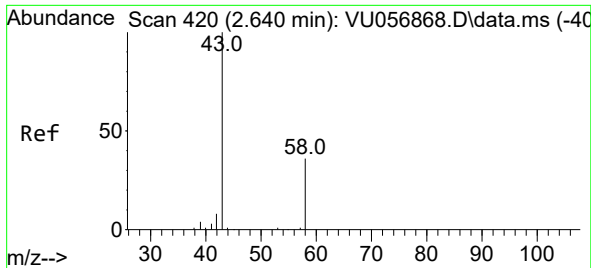
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121523\  
Data File : VU056889.D  
Acq On : 15 Dec 2023 19:13  
Operator : MD/SY  
Sample : 05684-08  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E06J4

Quant Time: Dec 15 22:27:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Dec 15 01:53:53 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 82.471 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Instrument :

MSVOA\_U

ClientSampleId :

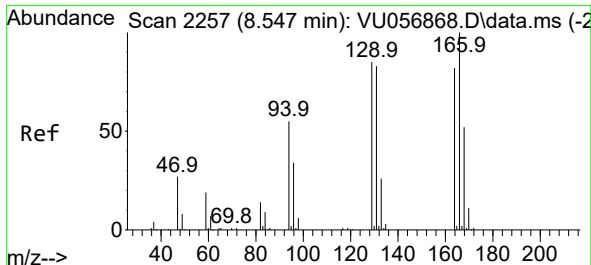
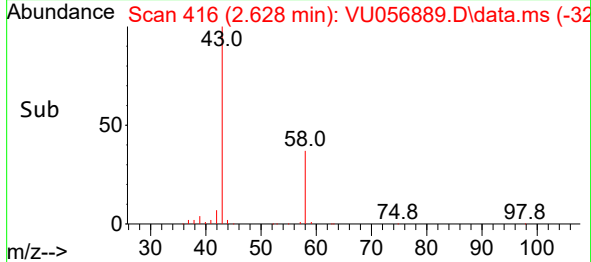
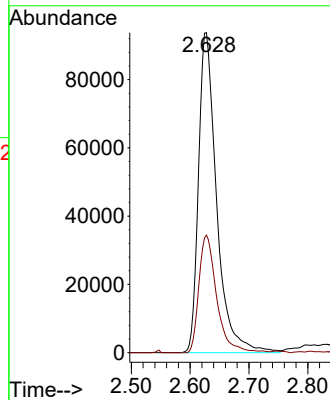
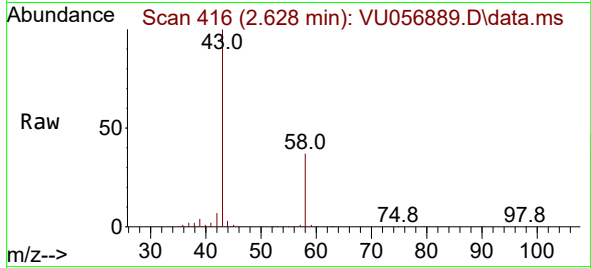
E06J4

Tgt Ion: 43 Resp: 200600

Ion Ratio Lower Upper

43 100

58 35.9 0.0 72.6



#47

Tetrachloroethene

Concen: 0.459 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Tgt Ion:164 Resp: 7322

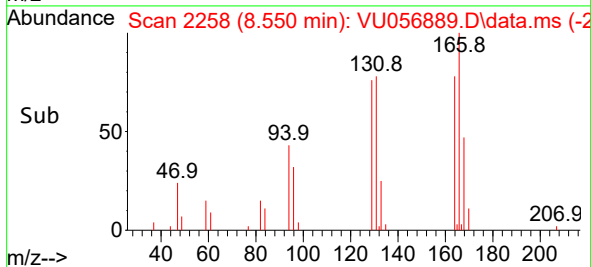
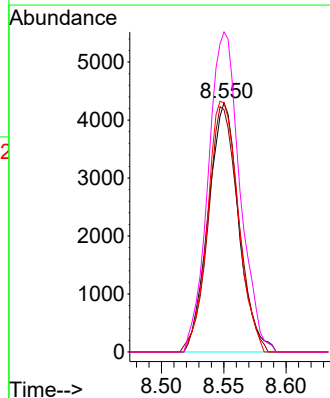
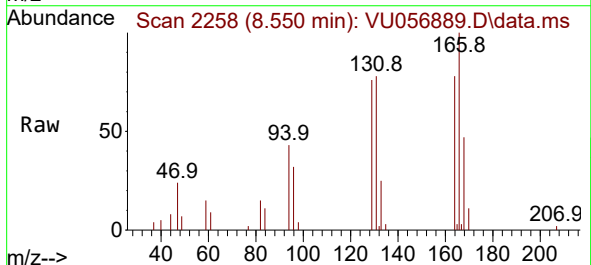
Ion Ratio Lower Upper

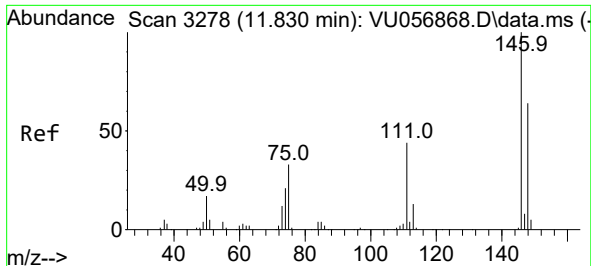
164 100

129 97.3 73.4 136.4

131 100.0 71.5 132.9

166 128.5 92.7 172.1





#65

1,4-Dichlorobenzene

Concen: 0.260 ug/L

RT: 11.833 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Instrument :

MSVOA\_U

ClientSampleId :

E06J4

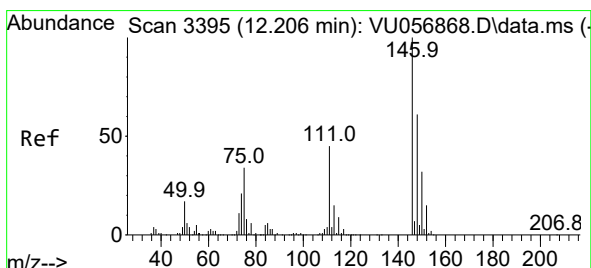
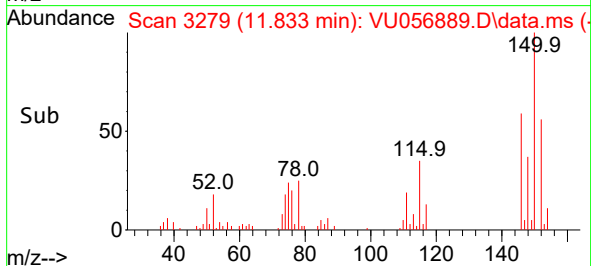
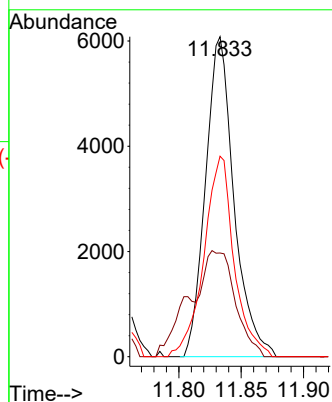
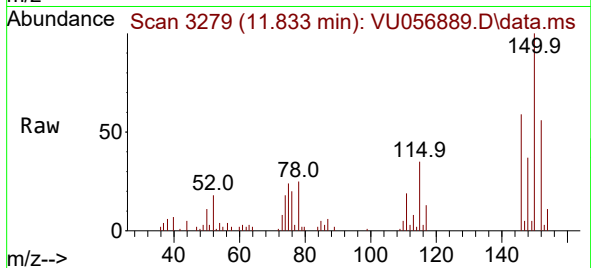
Tgt Ion:146 Resp: 9659

Ion Ratio Lower Upper

146 100

111 32.4 31.2 58.0

148 62.7 45.6 84.8



#67

1,2-Dichlorobenzene

Concen: 0.252 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Tgt Ion:146 Resp: 8674

Ion Ratio Lower Upper

146 100

111 47.9 36.9 55.3

148 65.4 53.0 79.4

