

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042221\  
 Data File : VU043269.D  
 Acq On : 22 Apr 2021 11:39  
 Operator : SY/MD  
 Sample : M2088-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4504

Quant Time: Apr 22 23:40:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 22 23:39:31 2021  
 Response via : Initial Calibration

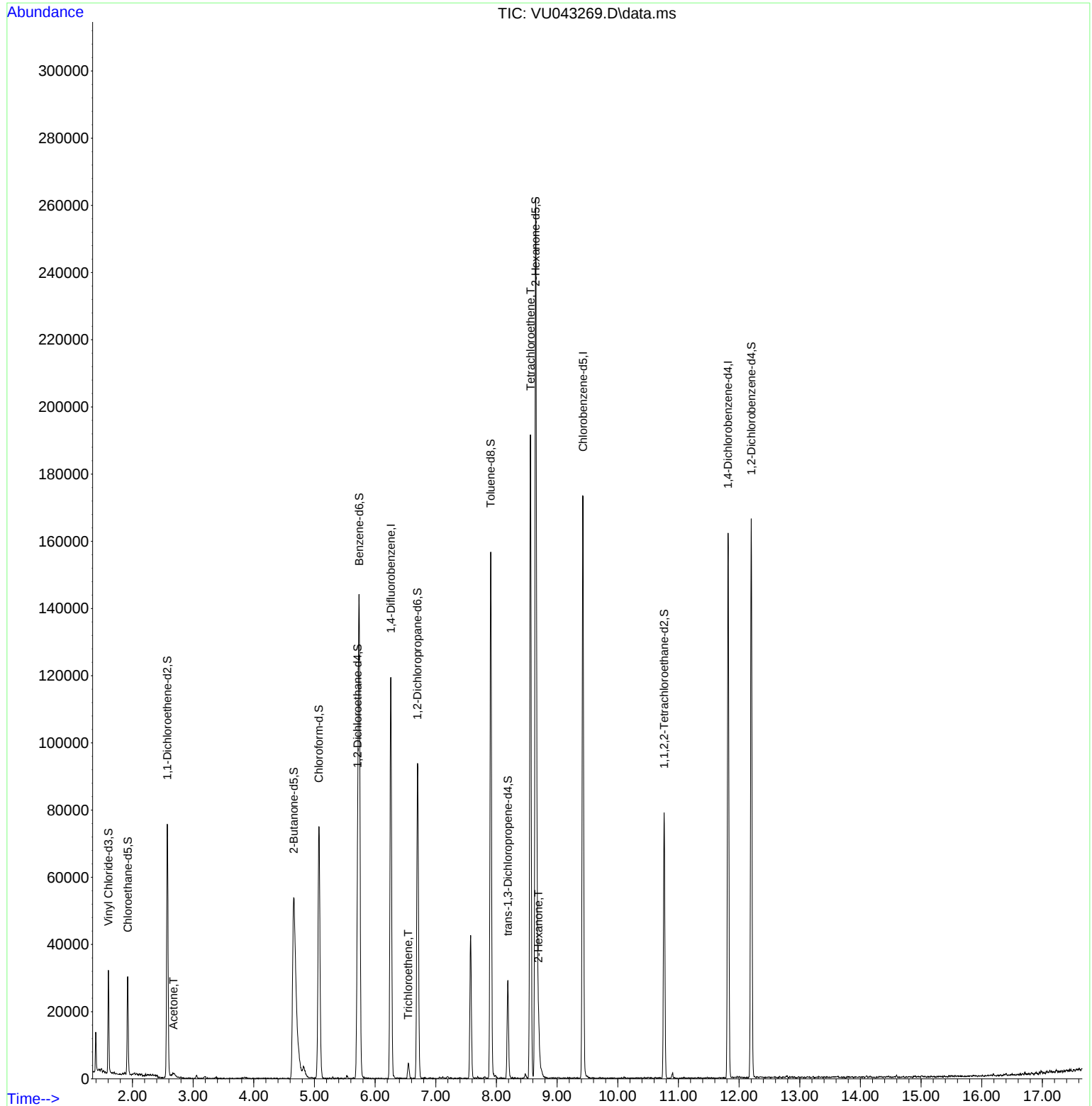
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 86042    | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 86624    | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 39887    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 20643    | 4.72     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 94.40%   |
| 7) Chloroethane-d5            | 1.922  | 69    | 19233    | 4.67     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 93.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 14554    | 5.75     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 115.00%  |
| 20) 2-Butanone-d5             | 4.658  | 46    | 142680   | 74.35    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 148.70%# |
| 24) Chloroform-d              | 5.073  | 84    | 65768    | 5.91     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 118.20%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 44966    | 5.98     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 119.60%  |
| 32) Benzene-d6                | 5.739  | 84    | 116730   | 5.79     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 115.80%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 40602    | 6.07     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 121.40%  |
| 41) Toluene-d8                | 7.906  | 98    | 96694    | 4.61     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 92.20%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 14709    | 4.98     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 99.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 82528    | 56.02    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 112.04%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 36974    | 6.28     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 125.60%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 40145    | 5.87     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 117.40%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 2.678  | 43    | 3026     | 2.15     | ug/L  | 92       |
| 34) Trichloroethene           | 6.546  | 95    | 1435     | 0.22     | ug/L  | # 74     |
| 47) Tetrachloroethene         | 8.562  | 164   | 38549    | 7.62     | ug/L  | 100      |
| 48) 2-Hexanone                | 8.694  | 43    | 7073     | 1.65     | ug/L  | # 66     |
| -----                         |        |       |          |          |       |          |

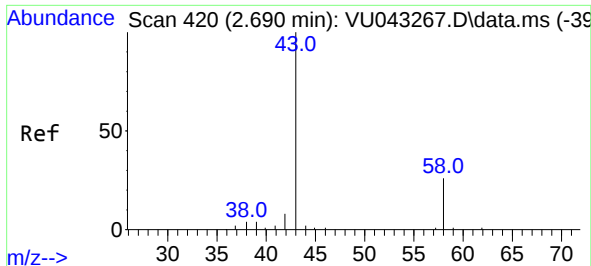
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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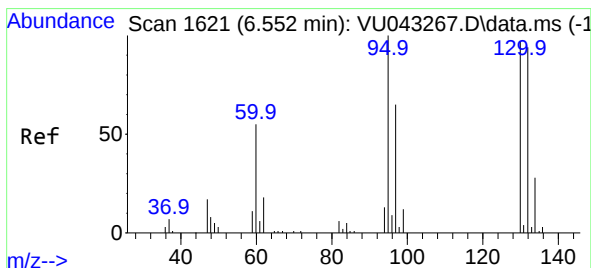
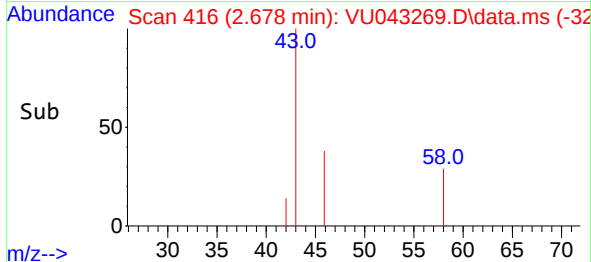
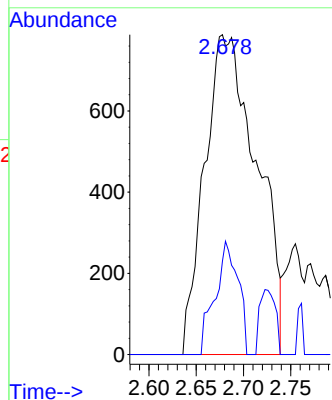
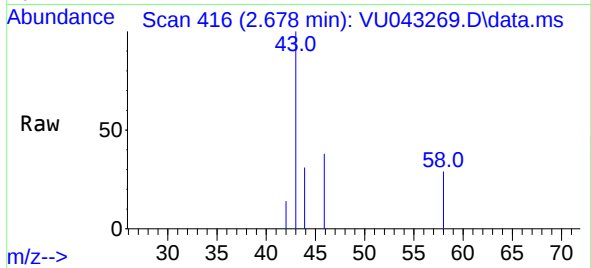




#13  
Acetone  
Concen: 2.15 ug/L  
RT: 2.678 min Scan# 416  
Delta R.T. -0.013 min  
Lab File: VU043269.D  
Acq: 22 Apr 2021 11:39

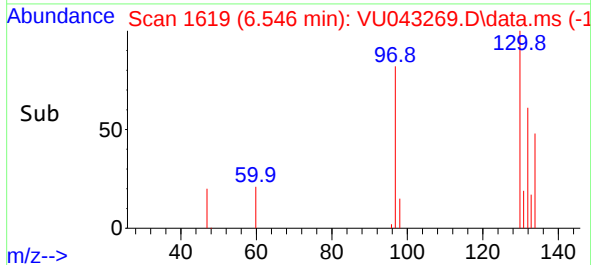
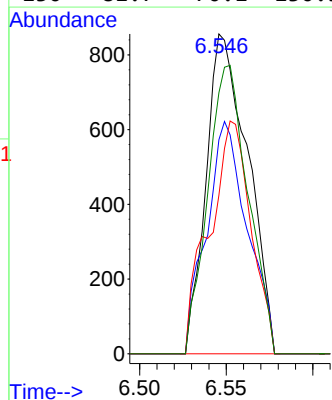
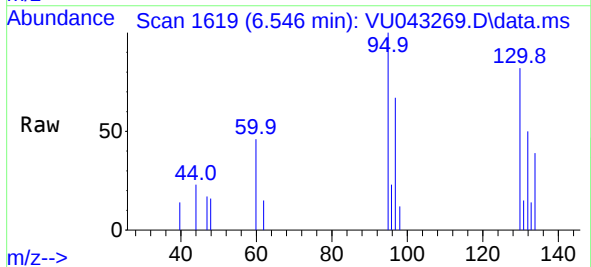
Instrument :  
MSVOA\_U  
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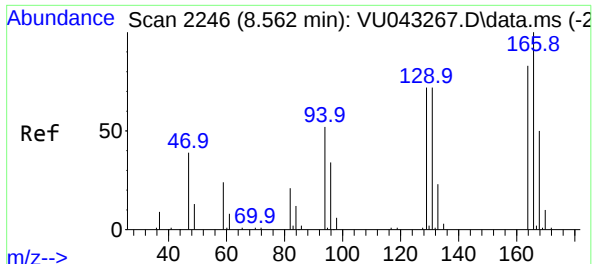
Tgt Ion: 43 Resp: 3026  
Ion Ratio Lower Upper  
43 100  
58 15.6 0.0 25.0



#34  
Trichloroethene  
Concen: 0.22 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.006 min  
Lab File: VU043269.D  
Acq: 22 Apr 2021 11:39

Tgt Ion: 95 Resp: 1435  
Ion Ratio Lower Upper  
95 100  
97 66.9 45.8 85.2  
132 49.6 68.7 127.7#  
130 81.7 70.1 130.3



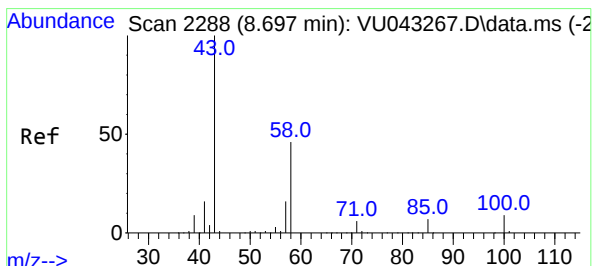
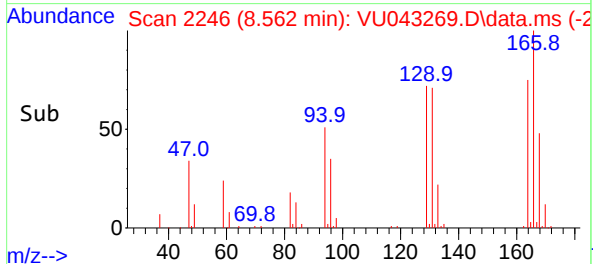
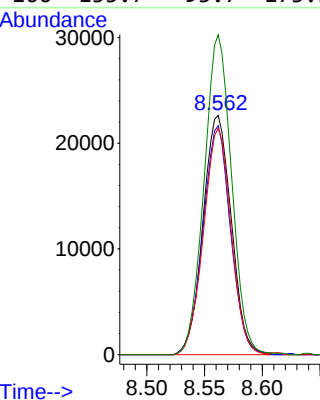
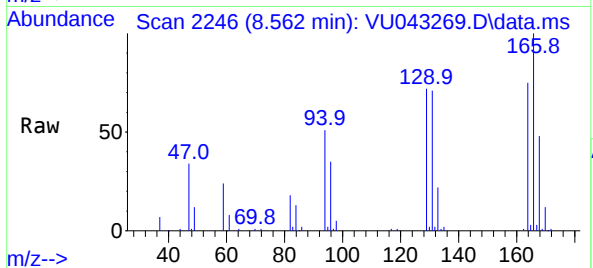


#47  
Tetrachloroethene  
Concen: 7.62 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VU043269.D  
Acq: 22 Apr 2021 11:39

Instrument :  
MSVOA\_U  
ClientSampled :  
H4504

Tgt Ion:164 Resp: 38549

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.7  | 66.6  | 123.8 |
| 131 | 94.6  | 65.9  | 122.3 |
| 166 | 133.7 | 93.7  | 173.9 |



#48  
2-Hexanone  
Concen: 1.65 ug/L  
RT: 8.694 min Scan# 2287  
Delta R.T. -0.003 min  
Lab File: VU043269.D  
Acq: 22 Apr 2021 11:39

Tgt Ion: 43 Resp: 7073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.7  | 50.0  | 75.0# |
| 57  | 0.0   | 17.4  | 26.0# |
| 100 | 4.2   | 11.8  | 17.8# |

