

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102122\  
 Data File : VW028668.D  
 Acq On : 21 Oct 2022 17:32  
 Operator : SY/MD  
 Sample : N5173-06DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXT1DL

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 10/27/2022  
 Supervised By :Mahesh Dadoda 10/28/2022

Quant Time: Oct 21 23:04:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 21 22:58:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 164072   | 5.000    | ug/L   | 0.02     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 147801   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152   | 67184    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 80199    | 4.937    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.800%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 68573    | 5.371    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 107.400% |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 115824   | 4.103    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.000%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 126239m  | 41.290   | ug/L   | -0.05    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.580%  |
| 24) Chloroform-d              | 4.346  | 84    | 117887   | 4.893    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 57943    | 4.440    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.800%  |
| 32) Benzene-d6                | 5.047  | 84    | 242953   | 3.778    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 81503    | 4.042    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 199743   | 4.295    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 18142    | 3.706    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 105590   | 51.951   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.900% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 48239    | 5.065    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152   | 58429    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 2.500  | 84    | 6969     | 0.457    | ug/L   | 88       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 13841    | 1.043    | ug/L # | 97       |
| 34) Trichloroethene           | 5.912  | 95    | 119435   | 7.464    | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.973  | 164   | 75871    | 8.780    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

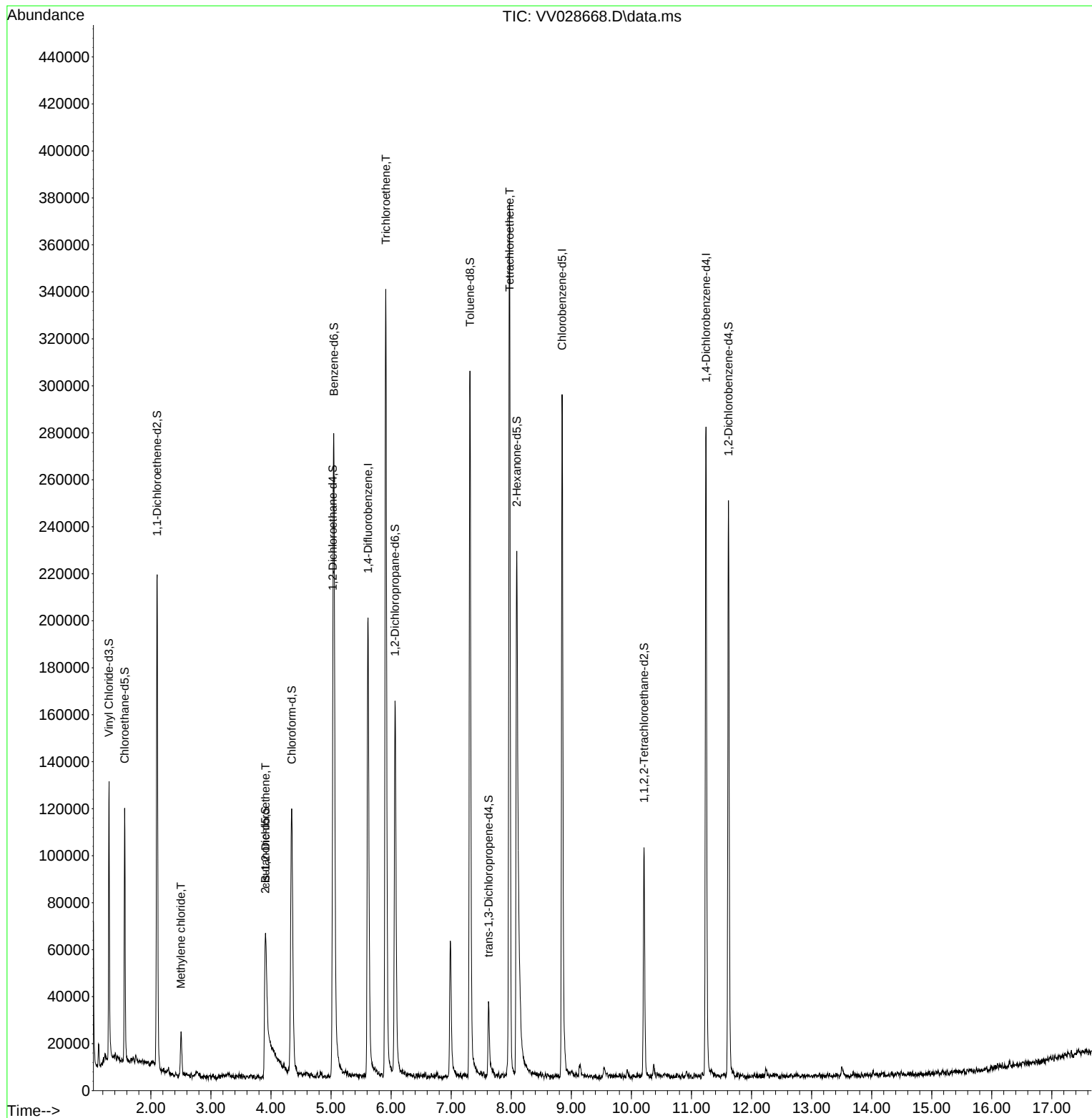
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028668.D  
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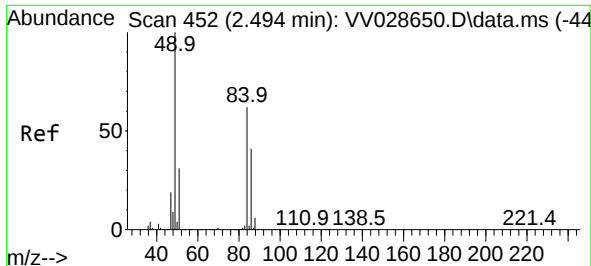
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXT1DL

Quant Time: Oct 21 23:04:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Oct 21 22:58:36 2022  
Response via : Initial Calibration

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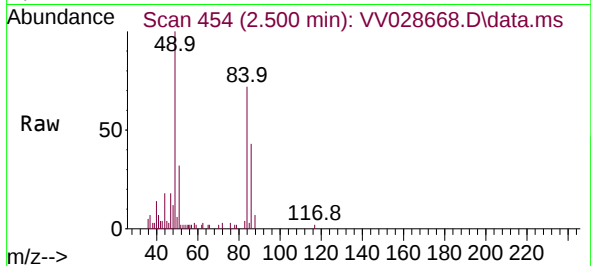
Reviewed By :Krupa Patel 10/27/2022  
Supervised By :Mahesh Dadoda 10/28/2022





#16  
Methylene chloride  
Concen: 0.457 ug/L  
RT: 2.500 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: VV028668.D  
Acq: 21 Oct 2022 17:32

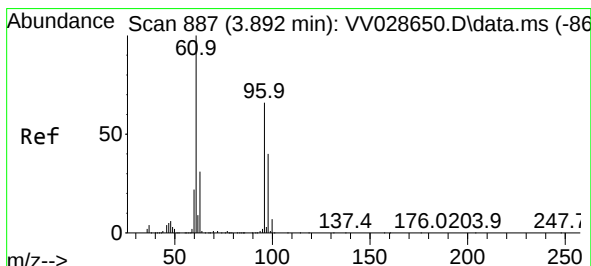
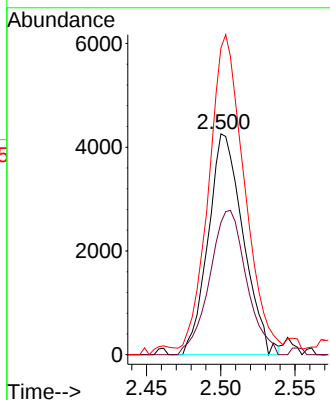
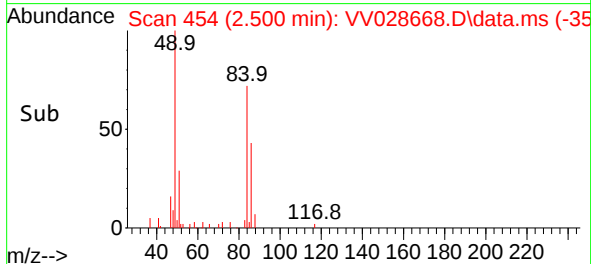
Instrument :  
MSVOA\_V  
Client SampleId :  
BFXT1DL



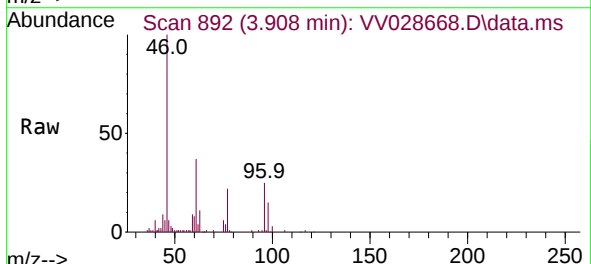
Tgt Ion: 84 Resp: 6969  
Ion Ratio Lower Upper  
84 100  
86 59.9 44.4 82.4  
49 138.9 110.8 205.8

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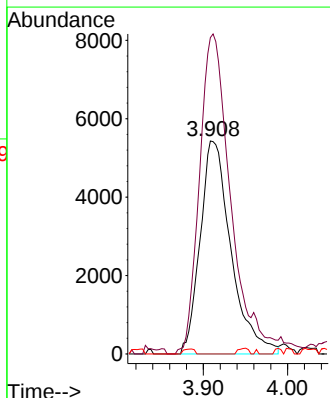
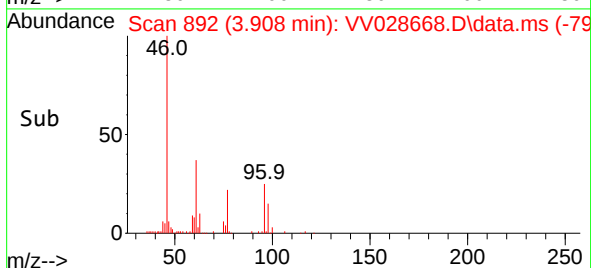
Reviewed By :Krupa Patel 10/27/2022  
Supervised By :Mahesh Dadoda 10/28/2022

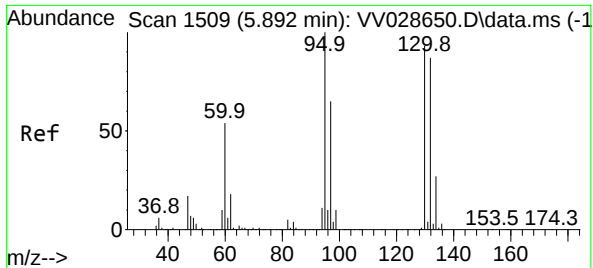


#22  
cis-1,2-Dichloroethene  
Concen: 1.043 ug/L  
RT: 3.908 min Scan# 892  
Delta R.T. 0.016 min  
Lab File: VV028668.D  
Acq: 21 Oct 2022 17:32



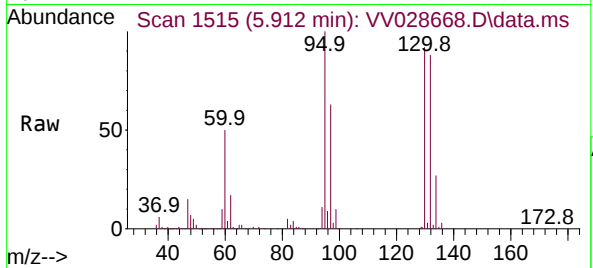
Tgt Ion: 96 Resp: 13841  
Ion Ratio Lower Upper  
96 100  
61 148.5 101.4 188.2  
68 0.0 0.5 0.9





#34  
Trichloroethene  
Concen: 7.464 ug/L  
RT: 5.912 min Scan# 11943  
Delta R.T. 0.019 min  
Lab File: VV028668.D  
Acq: 21 Oct 2022 17:32

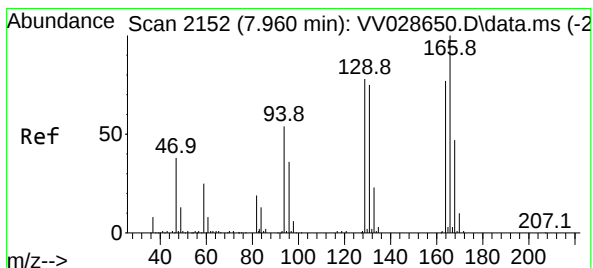
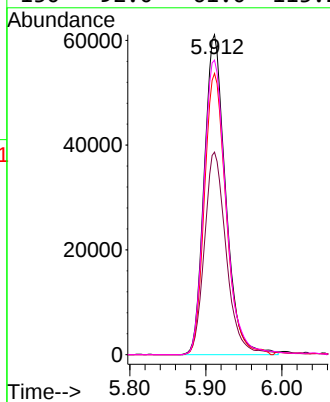
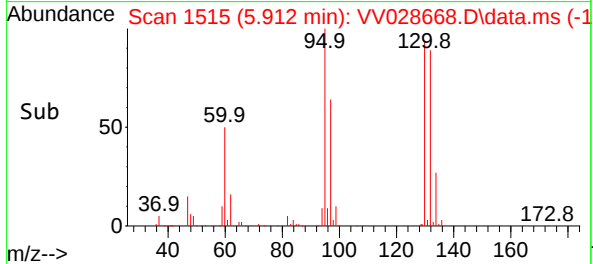
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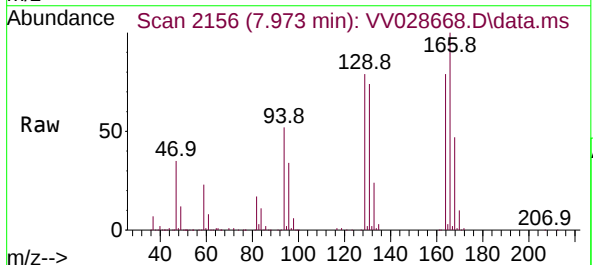
Tgt Ion: 95 Resp: 11943  
Ion Ratio Lower Upper  
95 100  
97 63.3 43.5 80.9  
132 87.9 56.5 104.9  
130 92.0 61.0 113.2

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#47  
Tetrachloroethene  
Concen: 8.780 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. 0.013 min  
Lab File: VV028668.D  
Acq: 21 Oct 2022 17:32



Tgt Ion:164 Resp: 75871  
Ion Ratio Lower Upper  
164 100  
129 99.8 69.2 128.6  
131 93.3 64.2 119.2  
166 126.8 87.3 162.1

