

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121921\  
 Data File : VW024102.D  
 Acq On : 19 Dec 2021 20:37  
 Operator : SY/MD  
 Sample : M5148-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBBR5

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/20/2021  
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 01:40:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Dec 20 01:35:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 88477    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 92434    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 46512    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 18594    | 3.909  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 78.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 17172    | 4.327  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 30250    | 3.258  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.200%  |          |
| 20) 2-Butanone-d5             | 3.921  | 46             | 31941    | 34.372 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 68.740%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 46752    | 4.339  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 22881    | 4.561  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.200%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 85088    | 4.648  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 26202    | 4.744  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 72862    | 4.421  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 8643     | 3.772  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 75.400%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 33792    | 32.942 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 65.880%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 18124    | 3.955  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 79.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 31169    | 5.017  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.400% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.217  | 43             | 14870m   | 20.001 | ug/L     |          |
| 14) Carbon disulfide          | 2.294  | 76             | 2506     | 0.146  | ug/L     | 99       |
| 30) Cyclohexane               | 4.674  | 56             | 2728     | 0.284  | ug/L #   | 89       |
| 34) Trichloroethene           | 5.924  | 95             | 712      | 0.097  | ug/L #   | 79       |
| -----                         |        |                |          |        |          |          |

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

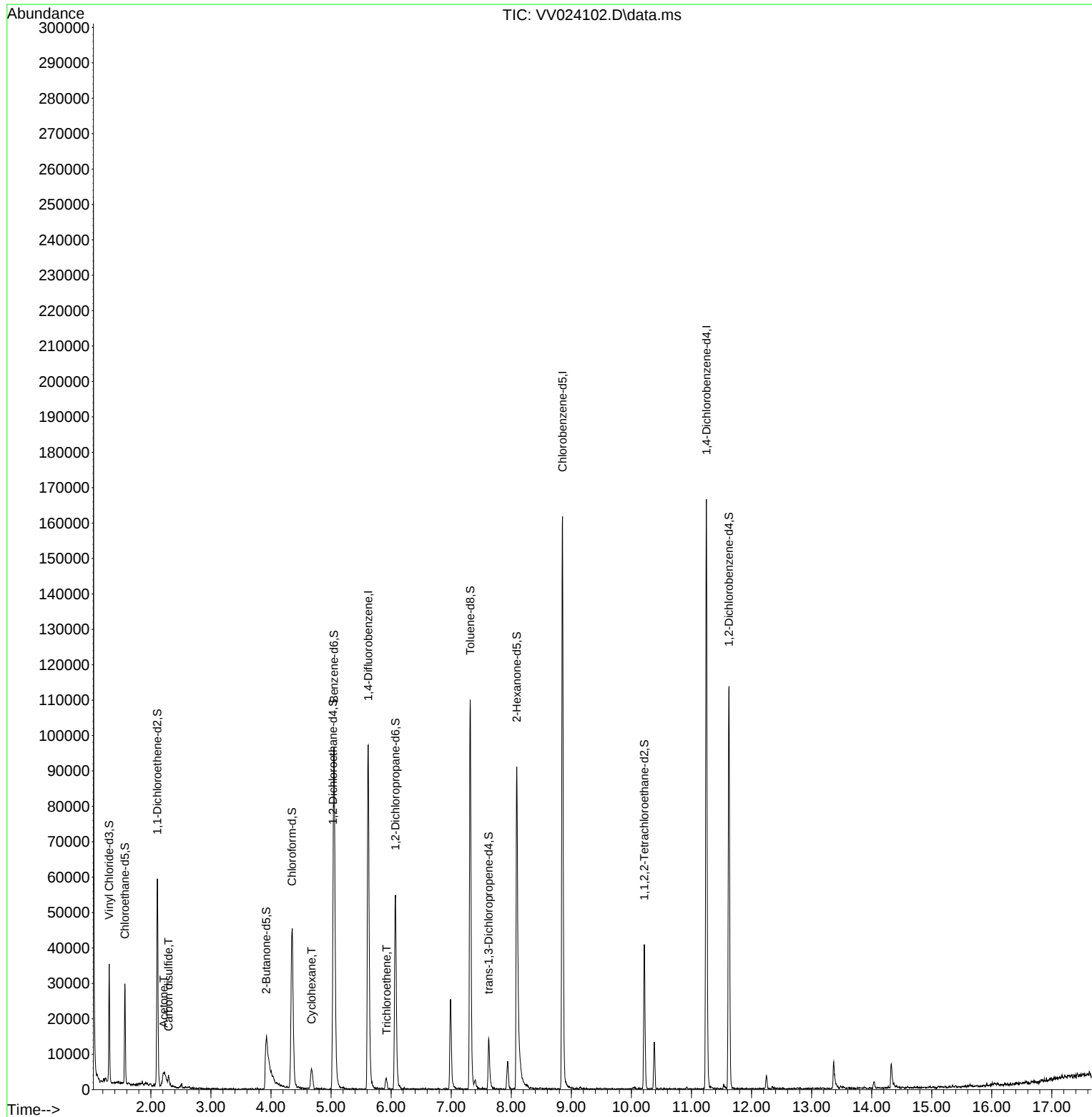
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121921\  
Data File : VV024102.D  
Acq On : 19 Dec 2021 20:37  
Operator : SY/MD  
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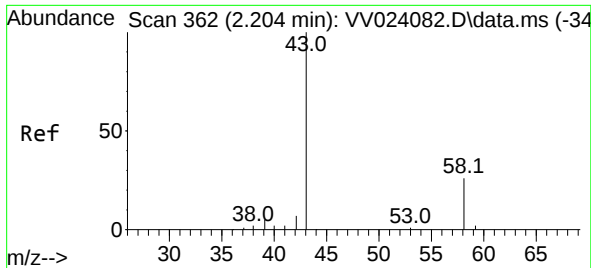
Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Dec 20 01:35:07 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 20.001 ug/L m

RT: 2.217 min Scan# 30

Delta R.T. 0.013 min

Lab File: VV024102.D

Acq: 19 Dec 2021 20:37

Instrument :

MSVOA\_V

ClientSampleId :

GBBR5

Tgt Ion: 43 Resp: 14870

Ion Ratio Lower Upper

43 100

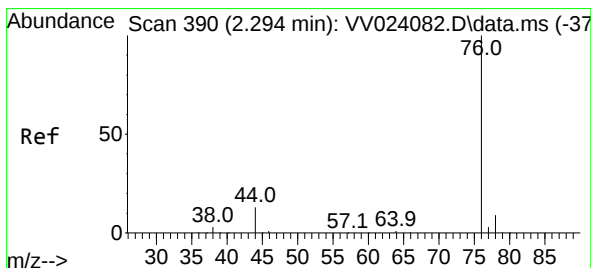
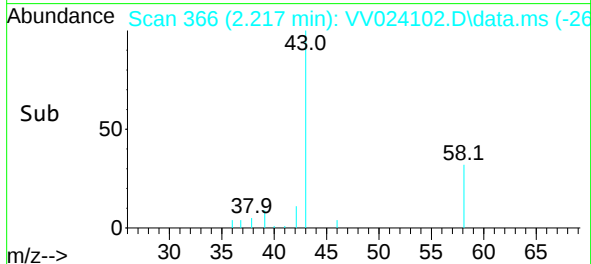
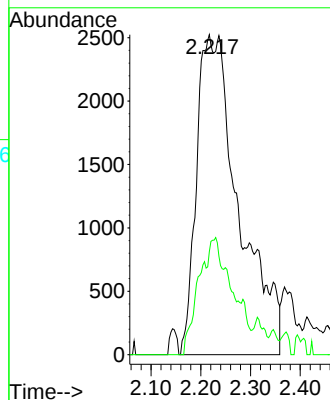
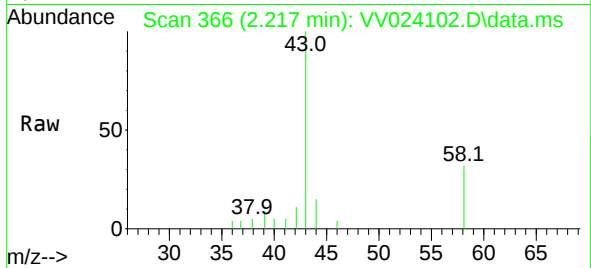
58 8.2 0.0 41.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.146 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024102.D

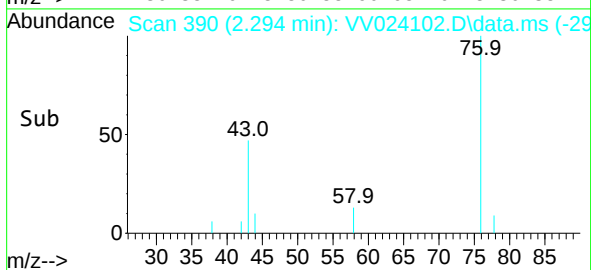
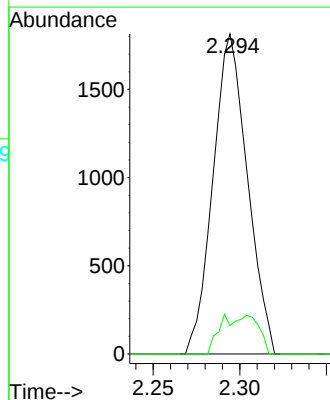
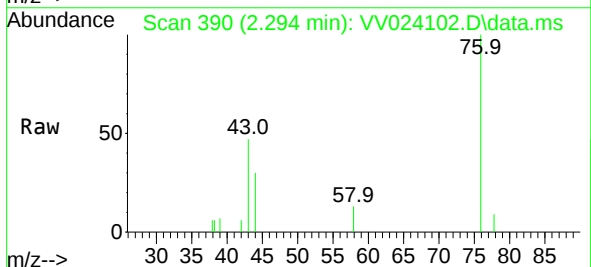
Acq: 19 Dec 2021 20:37

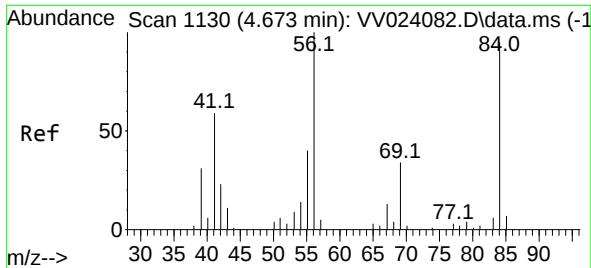
Tgt Ion: 76 Resp: 2506

Ion Ratio Lower Upper

76 100

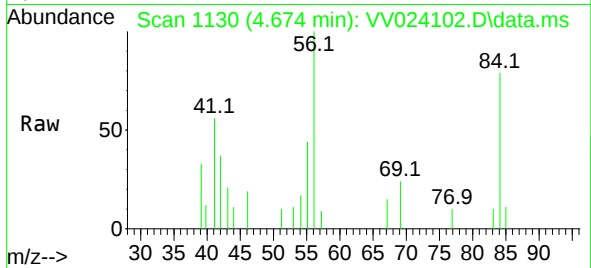
78 8.9 7.5 11.3





#30  
Cyclohexane  
Concen: 0.284 ug/L  
RT: 4.674 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VV024102.D  
Acq: 19 Dec 2021 20:37

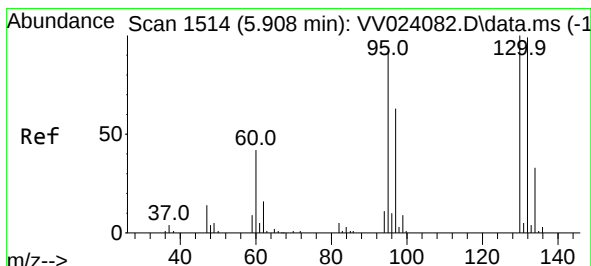
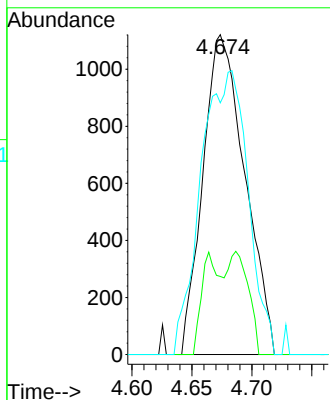
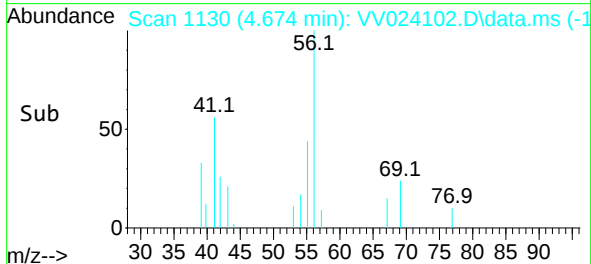
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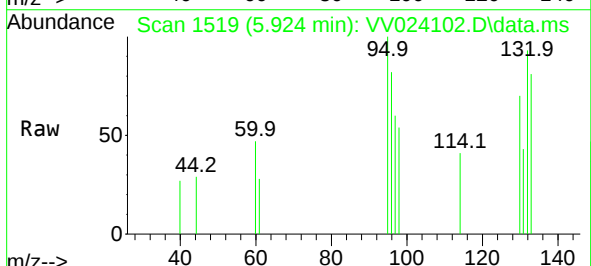
Tgt Ion: 56 Resp: 2728  
Ion Ratio Lower Upper  
56 100  
69 15.7 24.8 37.2  
84 99.7 75.9 113.9

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#34  
Trichloroethene  
Concen: 0.097 ug/L  
RT: 5.924 min Scan# 1519  
Delta R.T. 0.016 min  
Lab File: VV024102.D  
Acq: 19 Dec 2021 20:37



Tgt Ion: 95 Resp: 712  
Ion Ratio Lower Upper  
95 100  
97 59.9 45.2 84.0  
132 93.5 76.1 141.3  
130 69.6 75.4 140.0#

