

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072824\  
 Data File : VX042636.D  
 Acq On : 27 Jul 2024 06:03  
 Operator : JC/MD  
 Sample : P3278-22ME  
 Misc : 8.37g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E1ZS2ME

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/29/2024  
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:30:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 03:03:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 156502     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 140862     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 57977      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.373          | 65   | 31109m     | 32.719   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 65.440%  |       |          |
| 7) Chloroethane-d5            | 1.684          | 69   | 14087m     | 35.955   | ug/L  | 0.04     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 71.900%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.276          | 65   | 13636      | 29.108   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.220%# |       |          |
| 21) 2-Butanone-d5             | 4.489          | 46   | 44731      | 63.475   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 63.480%  |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 75871      | 36.456   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 72.920%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 52463      | 39.074   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.140%  |       |          |
| 32) Benzene-d6                | 5.964          | 84   | 156047     | 39.916   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.840%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.311          | 67   | 46718      | 40.378   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 80.760%  |       |          |
| 41) Toluene-d8                | 8.646          | 98   | 138511     | 39.516   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 79.040%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 16370      | 30.233   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.460%  |       |          |
| 47) 2-Hexanone-d5             | 9.396          | 63   | 36469      | 70.498   | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 70.500%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 63292      | 37.993   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 75.980%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 46500      | 42.439   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 84.880%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 14955      | 12.610   | ug/L  | 92       |
| 34) Trichloroethene           | 7.128          | 95   | 18441      | 16.012   | ug/L  | 95       |
| -----                         |                |      |            |          |       |          |

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

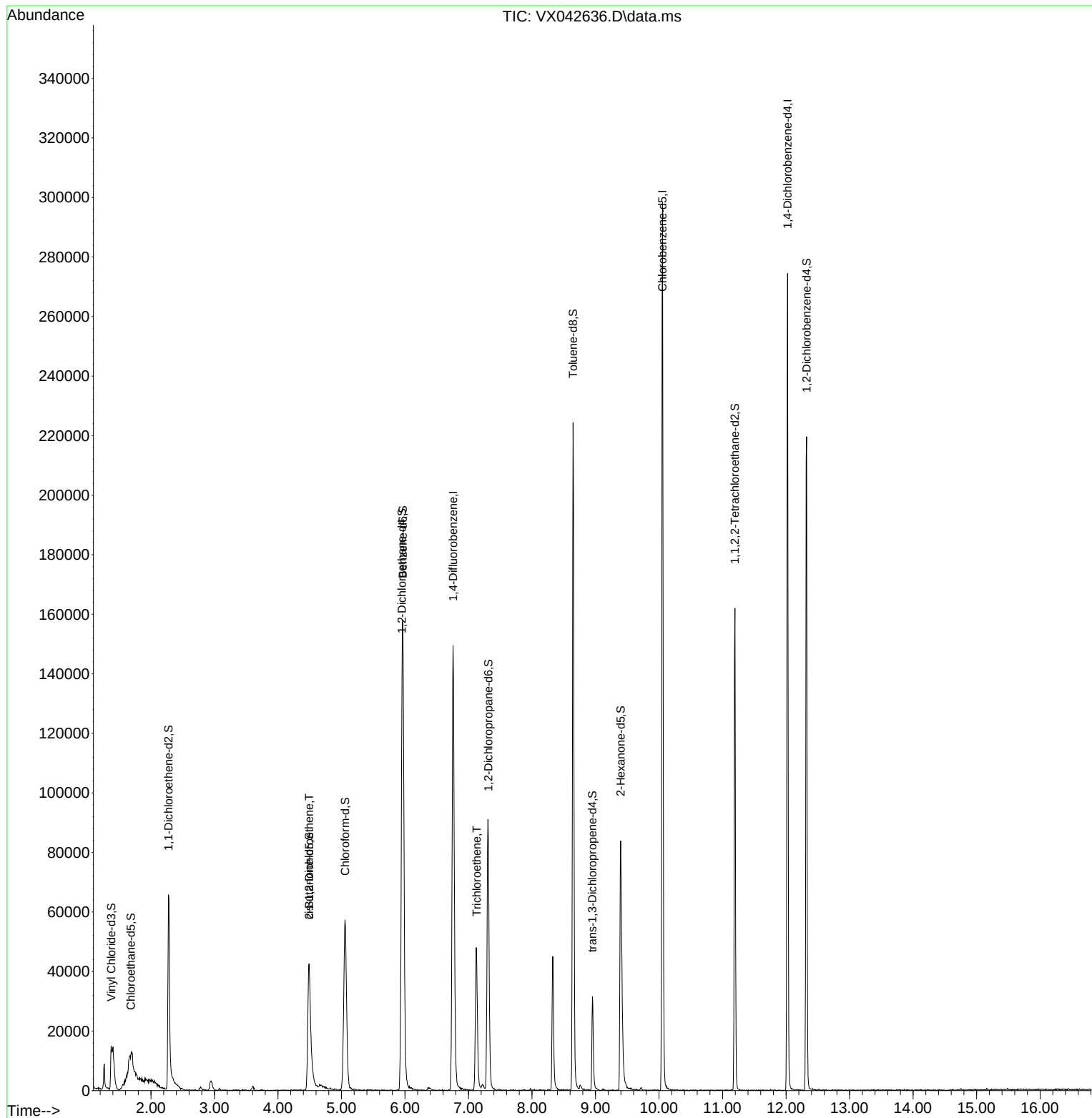
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072824\  
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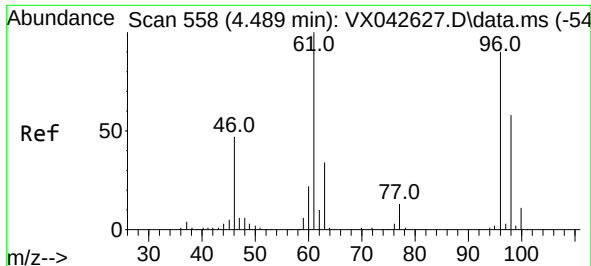
Instrument :  
MSVOA\_X  
ClientSampleId :  
E1ZS2ME

Quant Time: Jul 29 01:30:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jul 27 03:03:38 2024  
Response via : Initial Calibration

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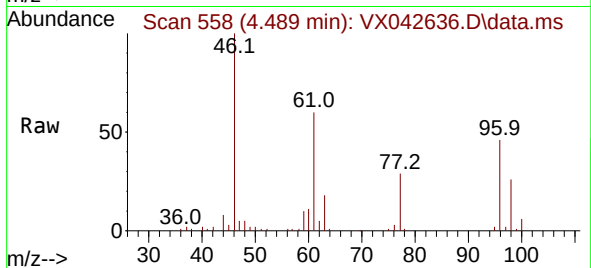
Reviewed By : John Carlone 07/29/2024  
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#20  
cis-1,2-Dichloroethene  
Concen: 12.610 ug/L  
RT: 4.489 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VX042636.D  
Acq: 27 Jul 2024 06:03

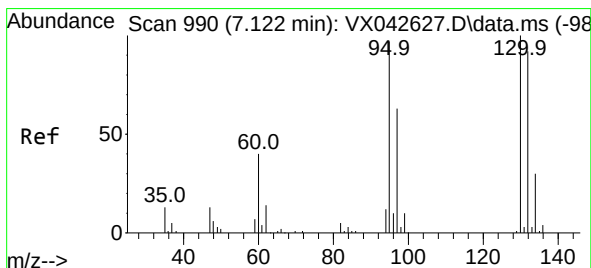
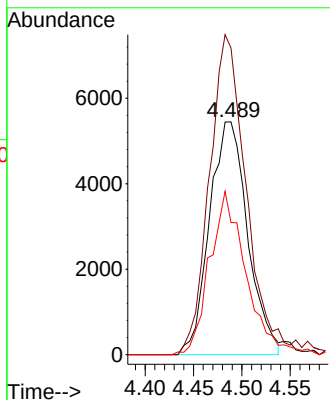
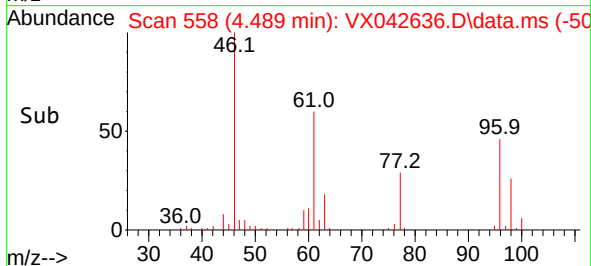
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MSVOA\_X  
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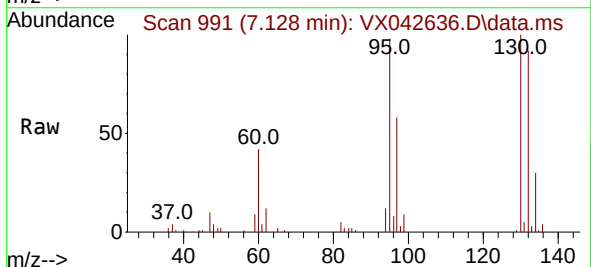
Tgt Ion: 96 Resp: 14958  
Ion Ratio Lower Upper  
96 100  
61 131.7 85.3 158.3  
98 56.8 42.7 79.3

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#34  
Trichloroethene  
Concen: 16.012 ug/L  
RT: 7.128 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX042636.D  
Acq: 27 Jul 2024 06:03



Tgt Ion: 95 Resp: 18441  
Ion Ratio Lower Upper  
95 100  
97 59.3 46.3 86.1  
132 93.8 64.3 119.5  
130 102.0 67.0 124.4

