

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072724\  
 Data File : VX042590.D  
 Acq On : 26 Jul 2024 00:19  
 Operator : JC/MD  
 Sample : P3276-14ME  
 Misc : 9.69g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E20J3ME

Quant Time: Jul 26 01:52:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 00:18:59 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/26/2024  
 Supervised By : Mahesh Dadoda 07/26/2024

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 179280     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 160236     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 74637      | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.374          | 65   | 36158      | 34.650  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 69.300% |       |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 23791m     | 36.210  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 72.420% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.276          | 65   | 14859      | 32.535  | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.080% |       |          |
| 21) 2-Butanone-d5             | 4.495          | 46   | 60862      | 80.933  | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 80.930% |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 89861      | 42.828  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.660% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 59934      | 48.395  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.800% |       |          |
| 32) Benzene-d6                | 5.964          | 84   | 186974     | 45.144  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.280% |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 59459      | 47.704  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.400% |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 166568     | 43.156  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.320% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 21656      | 40.201  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.400% |       |          |
| 47) 2-Hexanone-d5             | 9.390          | 63   | 50123      | 88.592  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 88.590% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 80650      | 43.767  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.540% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 70448      | 48.595  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.200% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 2.782          | 84   | 6681       | 5.001   | ug/L  | 96       |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 2292       | 1.752   | ug/L  | 97       |
| 34) Trichloroethene           | 7.123          | 95   | 843357     | 718.526 | ug/L  | 97       |
| -----                         |                |      |            |         |       |          |

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

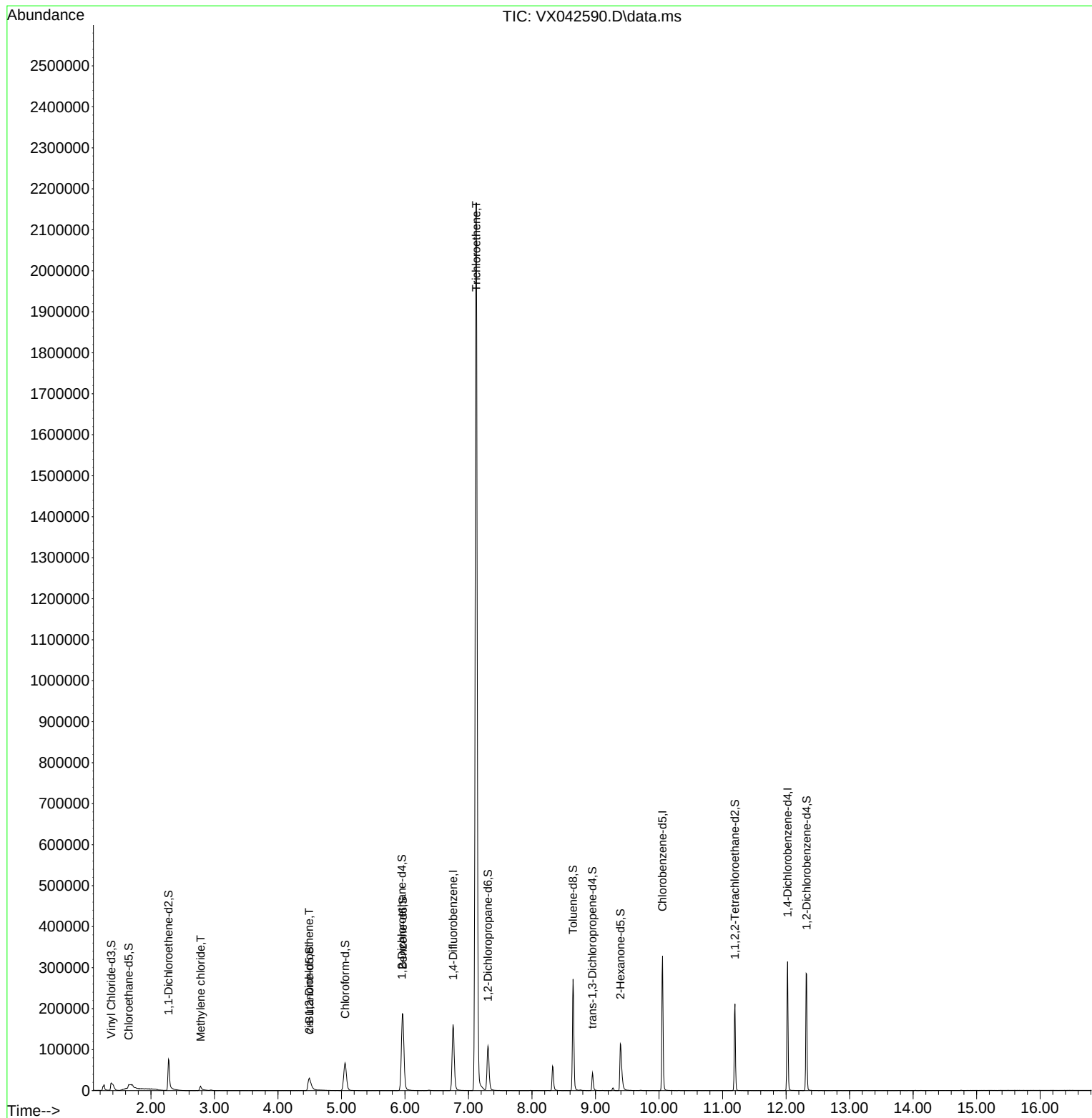
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072724\  
Data File : VX042590.D  
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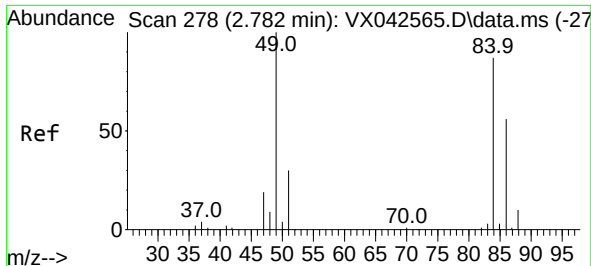
Instrument :  
MSVOA\_X  
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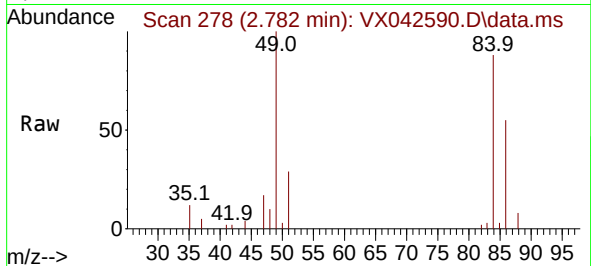
Quant Time: Jul 26 01:52:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM070324WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 26 00:18:59 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 5.001 ug/L  
RT: 2.782 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX042590.D  
Acq: 26 Jul 2024 00:19

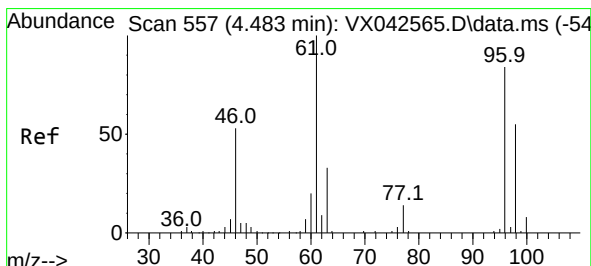
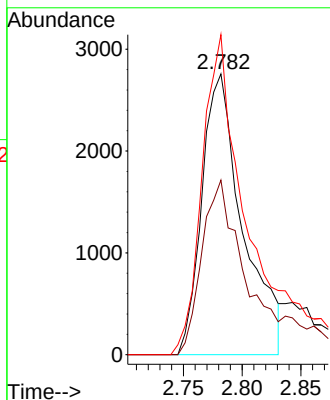
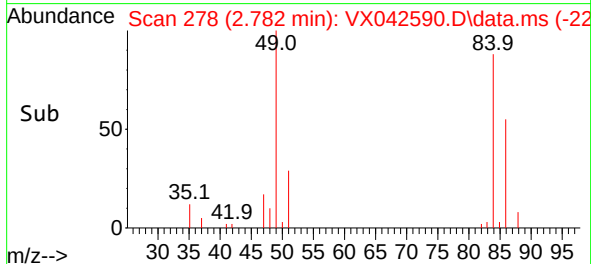
Instrument :  
MSVOA\_X  
ClientSampleId :  
E20J3ME



Tgt Ion: 84 Resp: 668  
Ion Ratio Lower Upper  
84 100  
86 62.1 45.7 84.9  
49 114.0 76.4 141.8

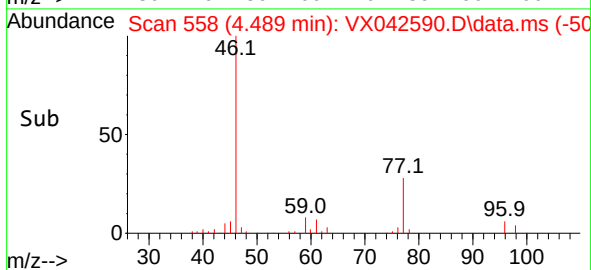
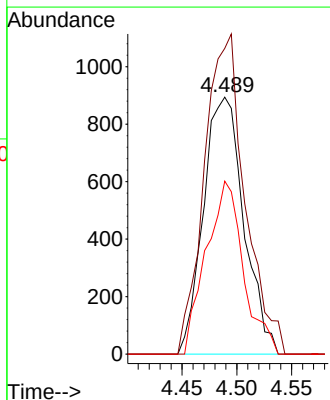
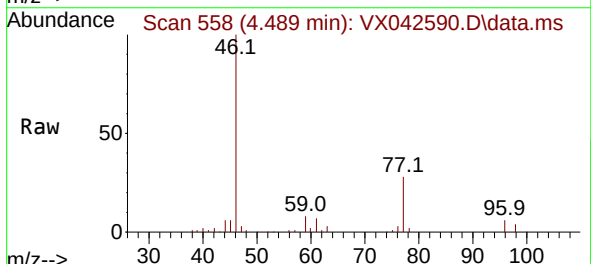
Manual Integrations  
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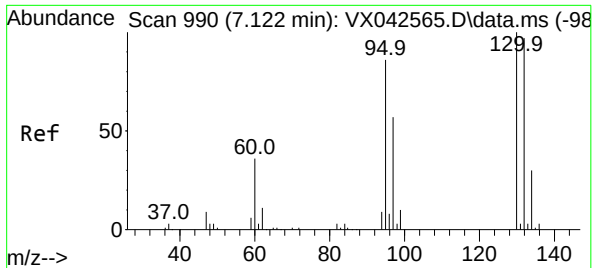
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#20  
cis-1,2-Dichloroethene  
Concen: 1.752 ug/L  
RT: 4.489 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX042590.D  
Acq: 26 Jul 2024 00:19

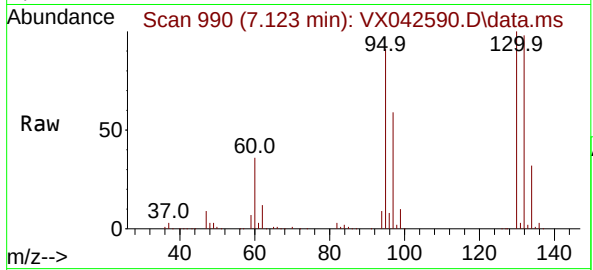
Tgt Ion: 96 Resp: 2292  
Ion Ratio Lower Upper  
96 100  
61 119.0 80.5 149.5  
98 67.3 45.7 84.9





#34  
 Trichloroethene  
 Concen: 718.526 ug/L  
 RT: 7.123 min Scan# 990  
 Delta R.T. 0.000 min  
 Lab File: VX042590.D  
 Acq: 26 Jul 2024 00:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E20J3ME



Tgt Ion: 95 Resp: 84335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.9  | 45.1  | 83.7  |
| 132 | 107.7 | 77.2  | 143.4 |
| 130 | 110.2 | 80.3  | 149.1 |

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