

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
 Data File : VX040693.D  
 Acq On : 18 Mar 2024 12:57  
 Operator : JC/MD  
 Sample : P1753-09DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCKZ9DL

Quant Time: Mar 19 01:23:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 19 01:22:22 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024  
 Supervised By : Semsettin Yesilyurt 03/19/2024

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 146542              | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 137560              | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 64858               | 50.000 | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 65848               | 51.261 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 102.520% |        |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 51351               | 50.072 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 100.140% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 29244               | 49.455 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 98.900%  |        |        |          |
| 21) 2-Butanone-d5             | 4.446          | 46   | 95599               | 96.982 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 96.980%  |        |        |          |
| 24) Chloroform-d              | 5.062          | 84   | 119372              | 50.040 | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 100.080% |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 88824               | 49.872 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 99.740%  |        |        |          |
| 32) Benzene-d6                | 5.970          | 84   | 220447              | 52.235 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.460% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 68543               | 52.404 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 104.800% |        |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 203544              | 50.046 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 100.100% |        |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 34005               | 48.847 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 97.700%  |        |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 68261               | 94.582 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 94.580%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 96807               | 49.433 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 98.860%  |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 73566               | 54.156 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 108.320% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 19365               | 21.679 | ug/L # | 31       |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 2147                | 2.088  | ug/L # | 70       |
| 30) 1,1,1-Trichloroethane     | 5.379          | 97   | 2943m               | 1.718  | ug/L   |          |
| -----                         |                |      |                     |        |        |          |

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

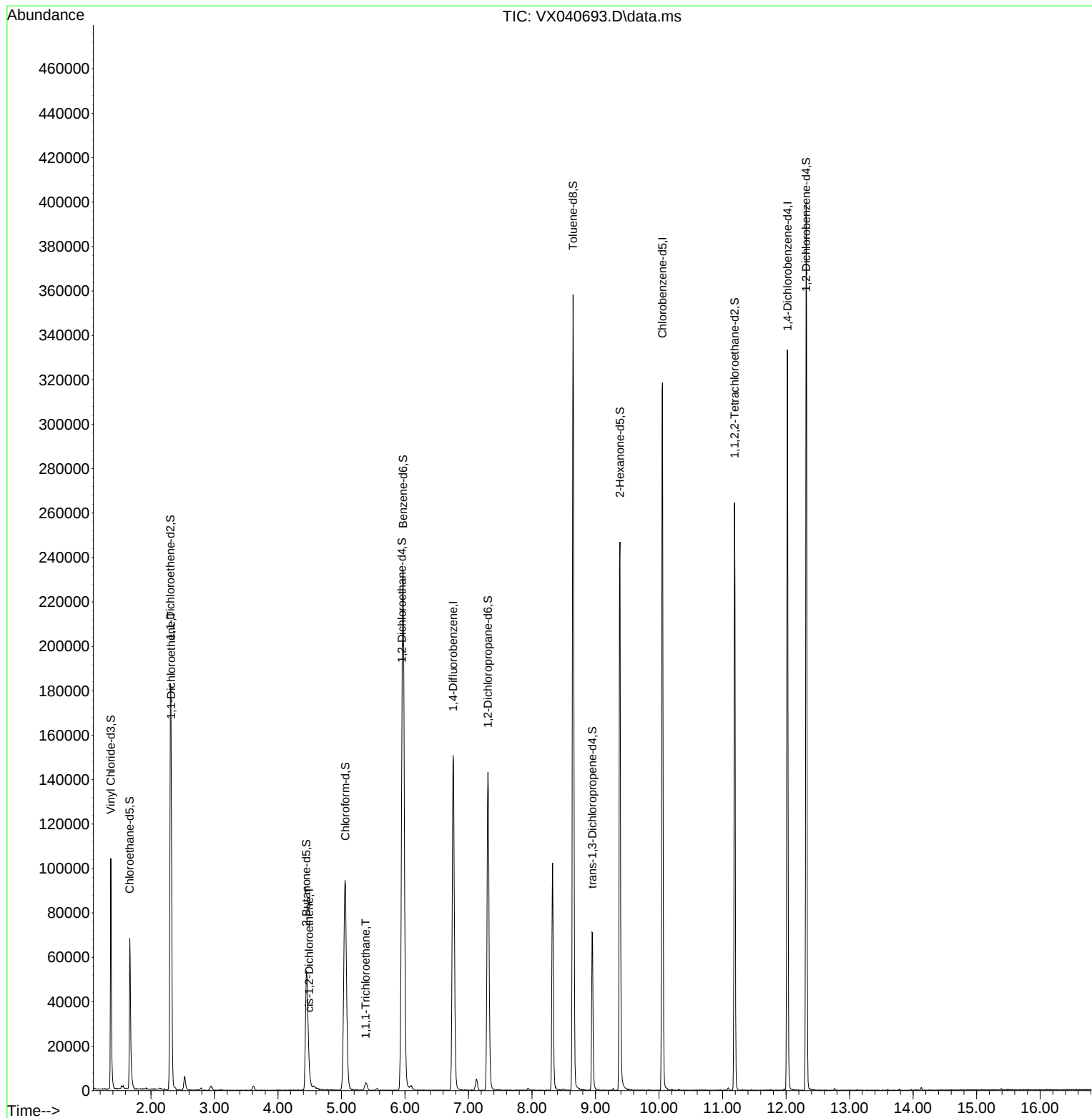
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
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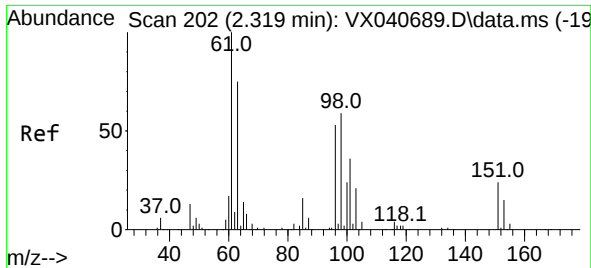
Instrument :  
MSVOA\_X  
ClientSampleId :  
YCKZ9DL

Quant Time: Mar 19 01:23:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 19 01:22:22 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

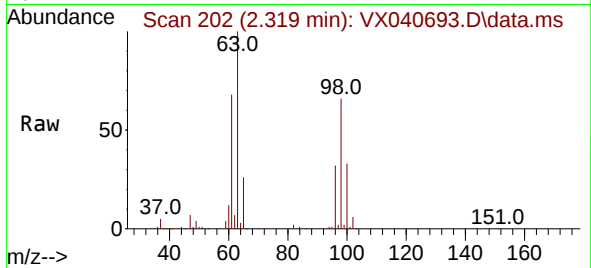
Reviewed By : John Carlone 03/19/2024  
Supervised By : Semsettin Yesilyurt 03/19/2024





#12  
1,1-Dichloroethene  
Concen: 21.679 ug/L  
RT: 2.319 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX040693.D  
Acq: 18 Mar 2024 12:57

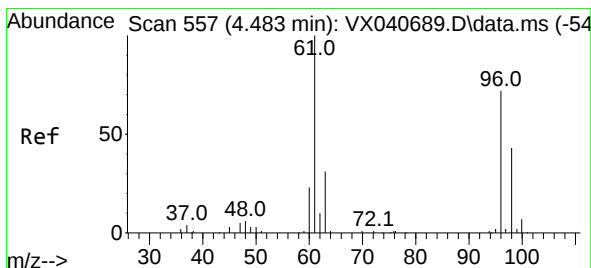
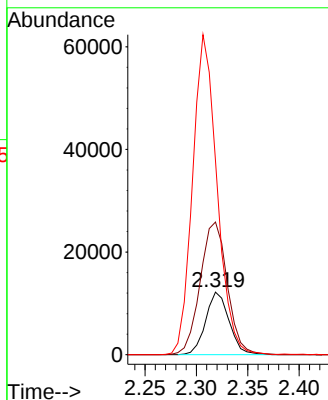
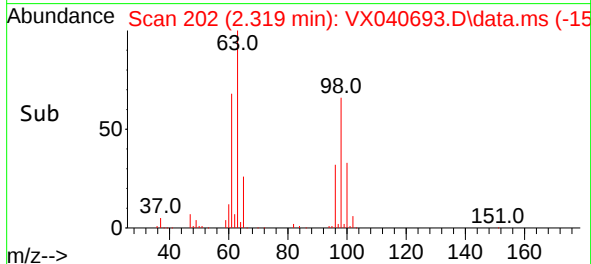
Instrument :  
MSVOA\_X  
ClientSampleId :  
YCKZ9DL



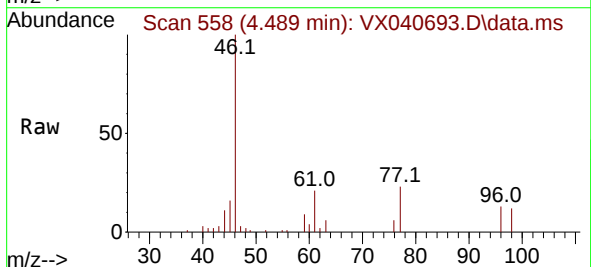
Tgt Ion: 96 Resp: 1936  
Ion Ratio Lower Upper  
96 100  
61 211.6 134.8 250.4  
63 309.7 92.5 171.9

Manual Integrations  
APPROVED

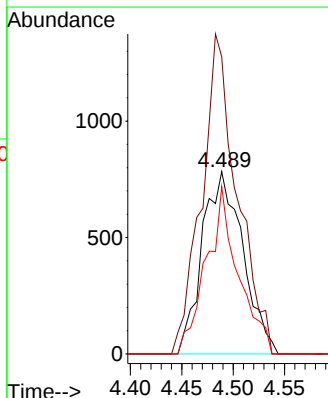
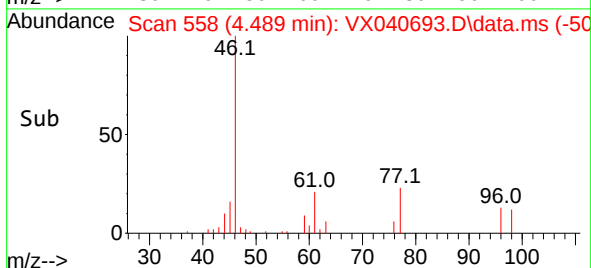
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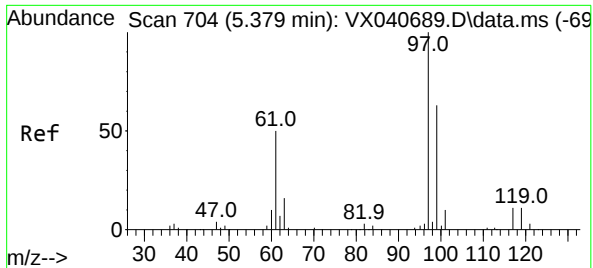


#20  
cis-1,2-Dichloroethene  
Concen: 2.088 ug/L  
RT: 4.489 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX040693.D  
Acq: 18 Mar 2024 12:57



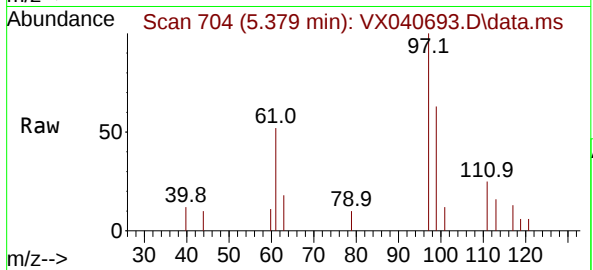
Tgt Ion: 96 Resp: 2147  
Ion Ratio Lower Upper  
96 100  
61 163.0 93.0 172.8  
98 91.8 42.4 78.6





#30  
 1,1,1-Trichloroethane  
 Concen: 1.718 ug/L m  
 RT: 5.379 min Scan# 704  
 Delta R.T. -0.000 min  
 Lab File: VX040693.D  
 Acq: 18 Mar 2024 12:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCKZ9DL



Tgt Ion: 97 Resp: 294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.2  | 52.1  | 78.1  |
| 61  | 43.1  | 38.3  | 57.5  |

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