

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121223\  
 Data File : VW033262.D  
 Acq On : 12 Dec 2023 14:56  
 Operator : SY/MD  
 Sample : 05750-02ME  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0LQ5ME

Quant Time: Dec 13 00:43:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023  
 Supervised By :Semsettin Yesilyurt 12/13/2023

| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 300225              | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 302819              | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 172029              | 50.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 90163               | 50.237 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 100.480% |        |       |          |
| 7) Chloroethane-d5            | 1.510          | 69   | 69518               | 55.591 | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 111.180% |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.043          | 65   | 37425               | 54.814 | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 109.620% |        |       |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 58495m              | 65.620 | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 65.620%  |        |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 181782              | 47.727 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 95.460%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 117155              | 49.474 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 98.940%  |        |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 348158              | 49.159 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 98.320%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 89079               | 46.779 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 93.560%  |        |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 336525              | 49.811 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 99.620%  |        |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 55867               | 46.396 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 92.800%  |        |       |          |
| 47) 2-Hexanone-d5             | 8.043          | 63   | 52820               | 69.046 | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 69.050%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156         | 84   | 117189              | 43.292 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 86.580%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 159120              | 51.986 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 103.980% |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       |          |
| 6) Bromomethane               | 1.471          | 94   | 1974                | 1.457  | ug/L  | 99       |
| 34) Trichloroethene           | 5.834          | 95   | 5022                | 2.191  | ug/L  | 96       |
| 46) Tetrachloroethene         | 7.902          | 164  | 82862               | 42.046 | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.860         | 105  | 16353               | 1.965  | ug/L  | 99       |
| -----                         |                |      |                     |        |       |          |

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

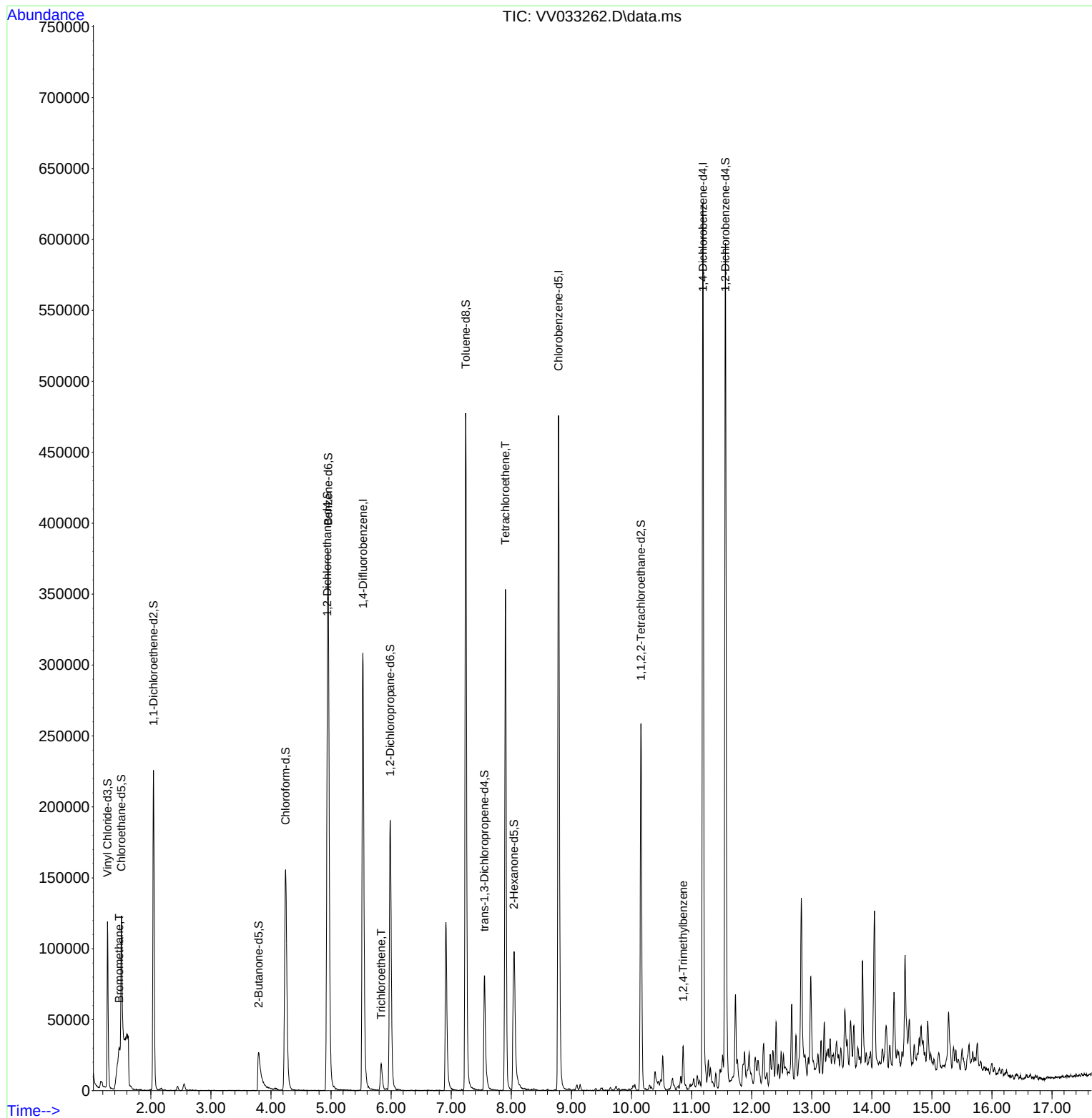
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121223\  
Data File : VV033262.D  
Acq On : 12 Dec 2023 14:56  
Operator : SY/MD  
Sample : 05750-02ME  
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 11 Sample Multiplier: 1

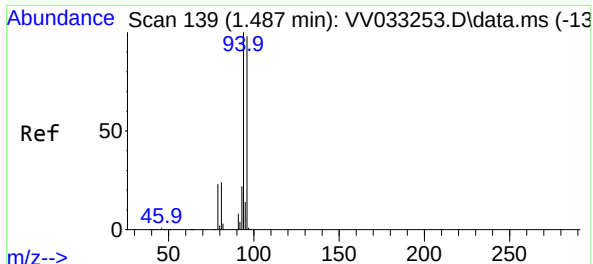
Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LQ5ME

Quant Time: Dec 13 00:43:11 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 08 21:51:12 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

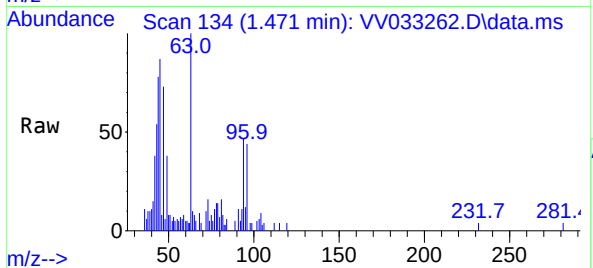
Reviewed By :Mahesh Dadoda 12/13/2023  
Supervised By :Semsettin Yesilyurt 12/13/2023





#6  
Bromomethane  
Concen: 1.457 ug/L  
RT: 1.471 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: VV033262.D  
Acq: 12 Dec 2023 14:56

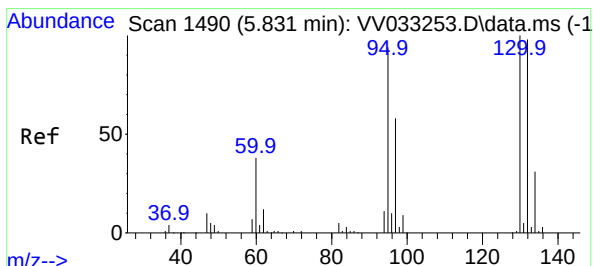
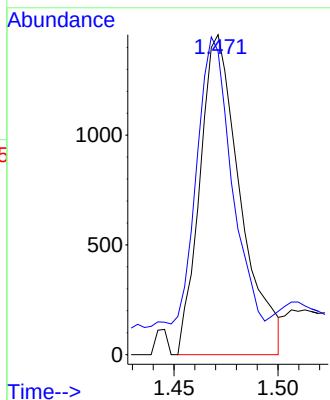
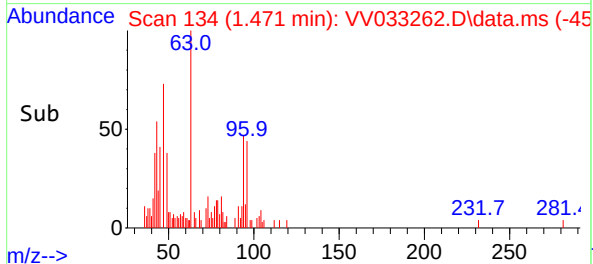
Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LQ5ME



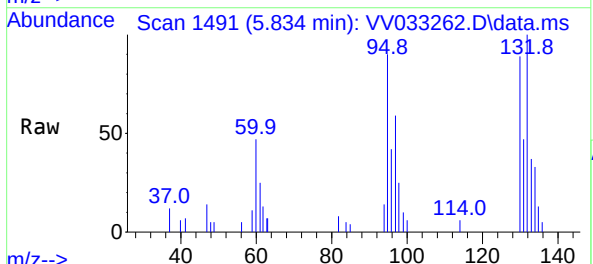
Tgt Ion: 94 Resp: 1974  
Ion Ratio Lower Upper  
94 100  
96 94.9 67.1 124.7

Manual Integrations  
APPROVED

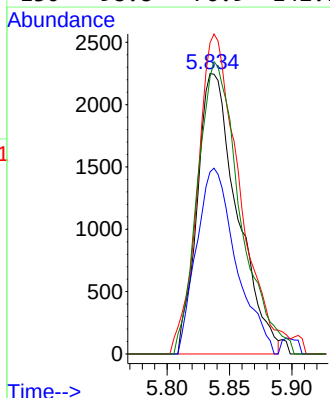
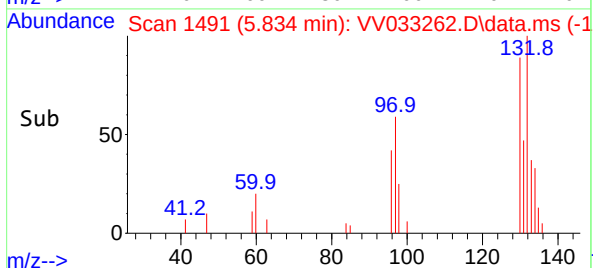
Reviewed By :Mahesh Dadoda 12/13/2023  
Supervised By :Semsettin Yesilyurt 12/13/2023

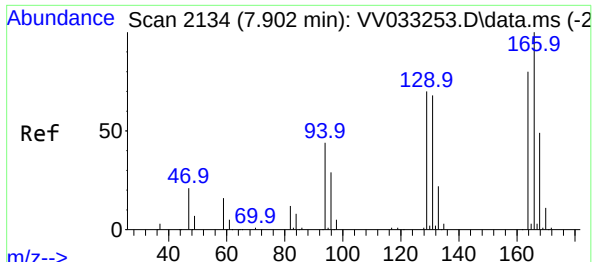


#34  
Trichloroethene  
Concen: 2.191 ug/L  
RT: 5.834 min Scan# 1491  
Delta R.T. 0.003 min  
Lab File: VV033262.D  
Acq: 12 Dec 2023 14:56



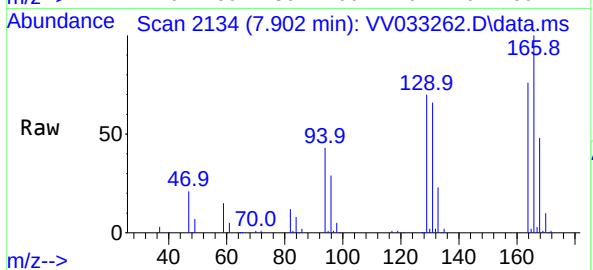
Tgt Ion: 95 Resp: 5022  
Ion Ratio Lower Upper  
95 100  
97 64.9 45.8 85.0  
132 111.0 77.4 143.8  
130 98.8 76.9 142.7





#46  
Tetrachloroethene  
Concen: 42.046 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. -0.003 min  
Lab File: VV033262.D  
Acq: 12 Dec 2023 14:56

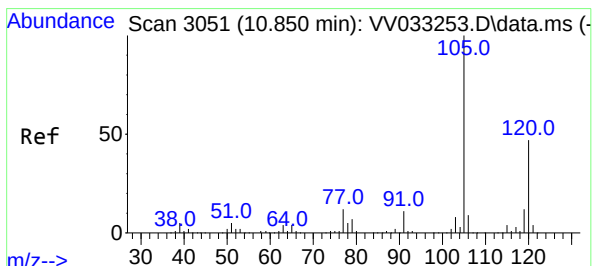
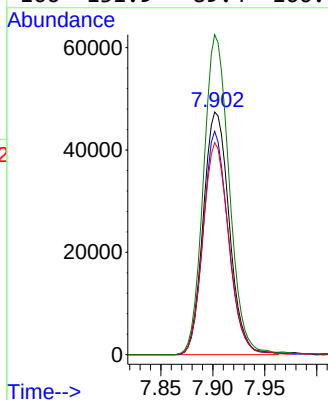
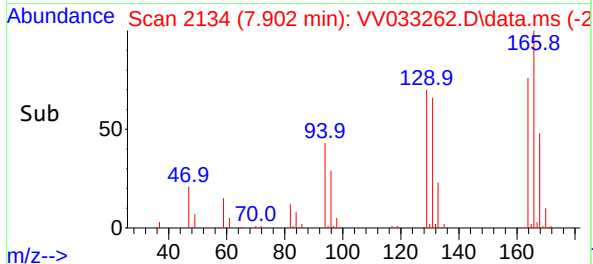
Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LQ5ME



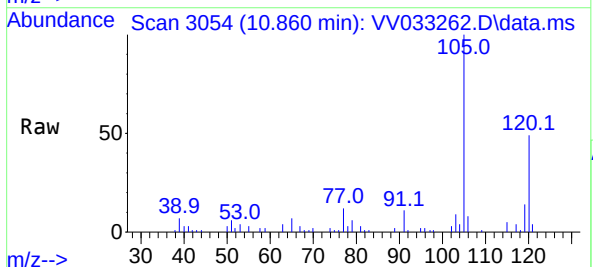
Tgt Ion:164 Resp: 8286  
Ion Ratio Lower Upper  
164 100  
129 92.1 65.6 121.8  
131 87.4 64.7 120.1  
166 131.9 89.4 166.0

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023  
Supervised By :Semsettin Yesilyurt 12/13/2023



#63  
1,2,4-Trimethylbenzene  
Concen: 1.965 ug/L  
RT: 10.860 min Scan# 3054  
Delta R.T. 0.010 min  
Lab File: VV033262.D  
Acq: 12 Dec 2023 14:56



Tgt Ion:105 Resp: 16353  
Ion Ratio Lower Upper  
105 100  
120 45.2 36.7 55.1

