Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
Data File : VV033265.D
Acq On : 12 Dec 2023 16:10
Operator : SY/MD
Sample : 05750-04ME
Misc : 4.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E0LQ7ME

Quant Time: Dec 13 00:43:40 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 288639 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.786 | 117 | 285940 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 155721 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 70075 | 40.612 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 81.220% | | | |
| 7) Chloroethane-d5 | 1.510 | 69 | 54276 | 45.145 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.300% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.044 | 65 | 26711 | 40.692 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 81.380% | | | |
| 21) 2-Butanone-d5 | 3.796 | 46 | 53873 | 62.861 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 62.860% | | | |
| 24) Chloroform-d | 4.246 | 84 | 150481 | 41.095 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 82.180% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 100041 | 43.942 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.880% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 291322 | 43.562 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.120% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.986 | 67 | 73873 | 41.084 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 82.160% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 273505 | 42.873 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 85.740% | | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 47043 | 41.374 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 82.740% | | | |
| 47) 2-Hexanone-d5 | 8.050 | 63 | 48216 | 66.748 | ug/L | 0.03 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 66.750% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84 | 101235 | 39.606 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 79.220% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 126399 | 45.621 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.240% | | | |
| Target Compounds | | | | | | Qvalue |
| 6) Bromomethane | 1.471 | 94 | 2023 | 1.553 | ug/L | 94 |
| 34) Trichloroethene | 5.841 | 95 | 6791 | 3.137 | ug/L | 91 |
| 46) Tetrachloroethene | 7.905 | 164 | 48691 | 26.165 | ug/L | 95 |

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

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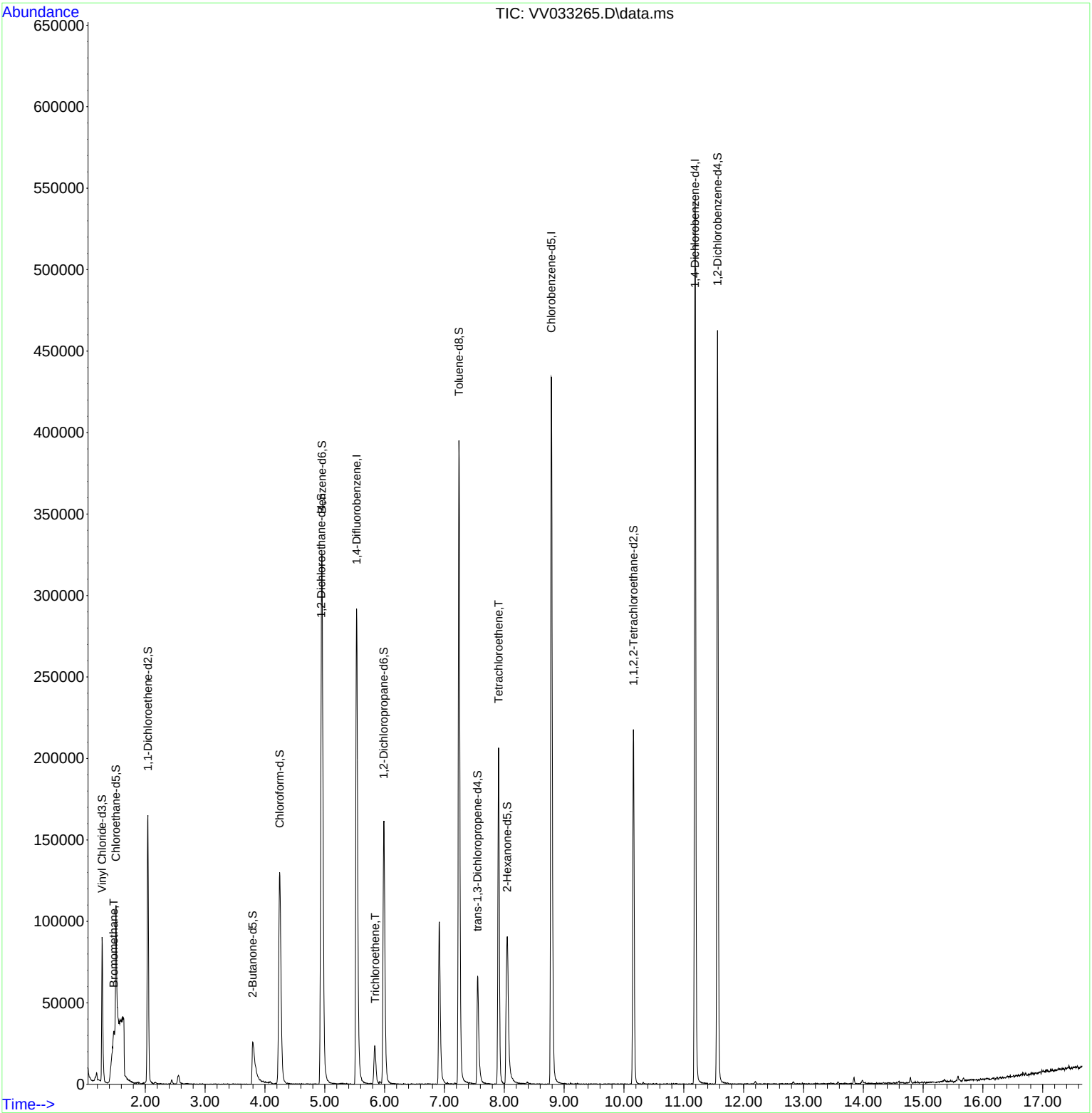
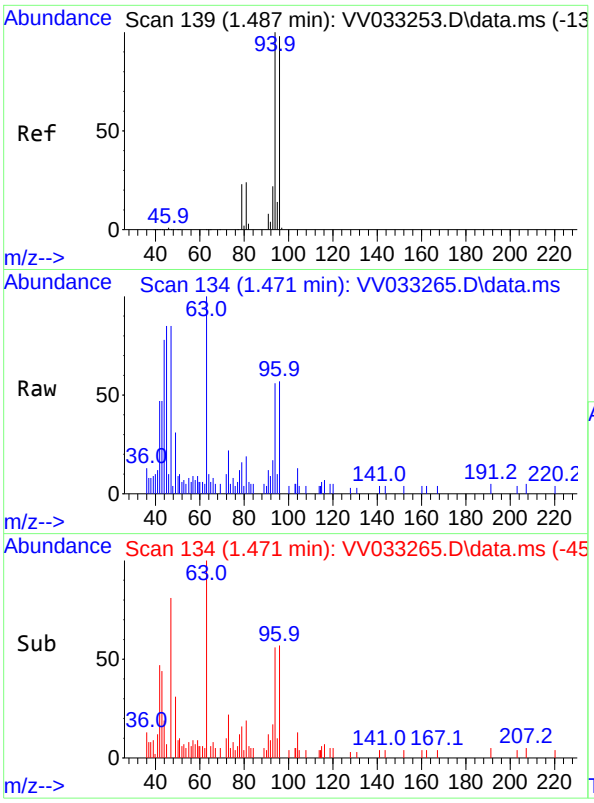
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration



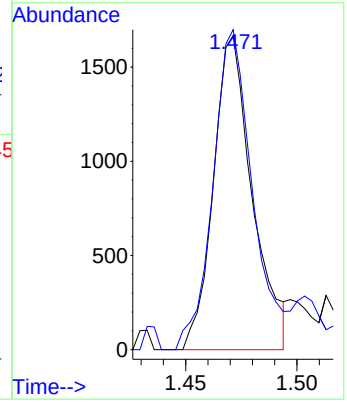


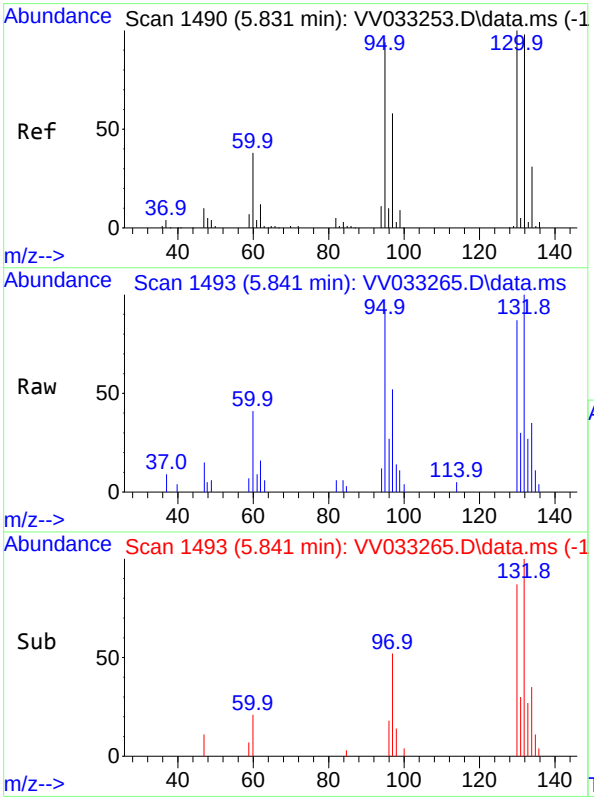

#6
Bromomethane
Concen: 1.553 ug/L
RT: 1.471 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV033265.D
Acq: 12 Dec 2023 16:10

**Instrument :**
MSVOA_V
**ClientSampleId :**
E0LQ7ME

Tgt Ion: 94 Resp: 2023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 101.9 | 67.1 | 124.7 |

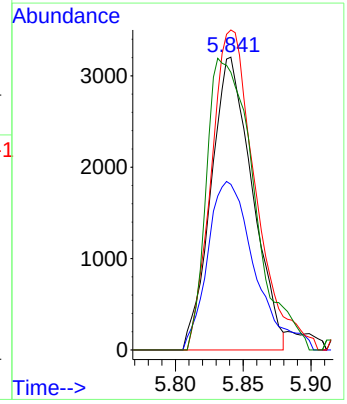


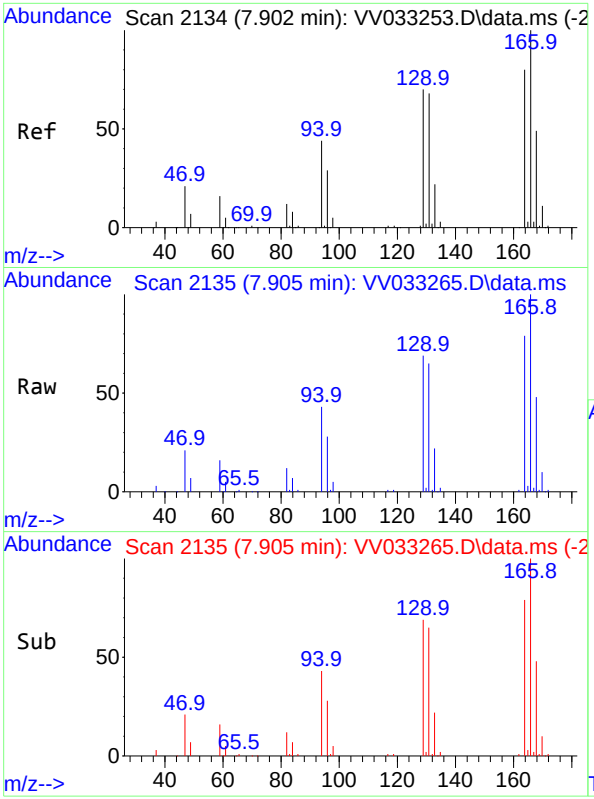




#34
Trichloroethene
Concen: 3.137 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV033265.D
Acq: 12 Dec 2023 16:10

Tgt Ion: 95 Resp: 6791

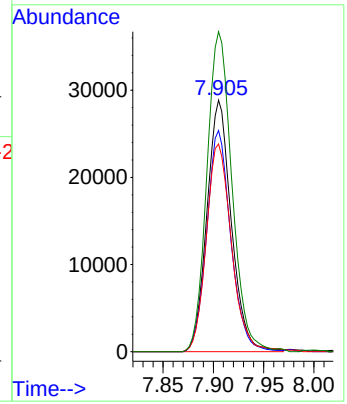
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 56.6 | 45.8 | 85.0 |
| 132 | 109.3 | 77.4 | 143.8 |
| 130 | 94.8 | 76.9 | 142.7 |






#46
Tetrachloroethene
Concen: 26.165 ug/L
RT: 7.905 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033265.D
Acq: 12 Dec 2023 16:10

**Instrument :**
MSVOA_V
**ClientSampleId :**
E0LQ7ME

Tgt Ion:164 Resp: 48691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 87.9 | 65.6 | 121.8 |
| 131 | 82.6 | 64.7 | 120.1 |
| 166 | 127.3 | 89.4 | 166.0 |