Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
Data File : VV032005.D
Acq On : 09 Sep 2023 17:07
Operator : SY/MD
Sample : 04307-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH4J8

Quant Time: Sep 09 21:56:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration

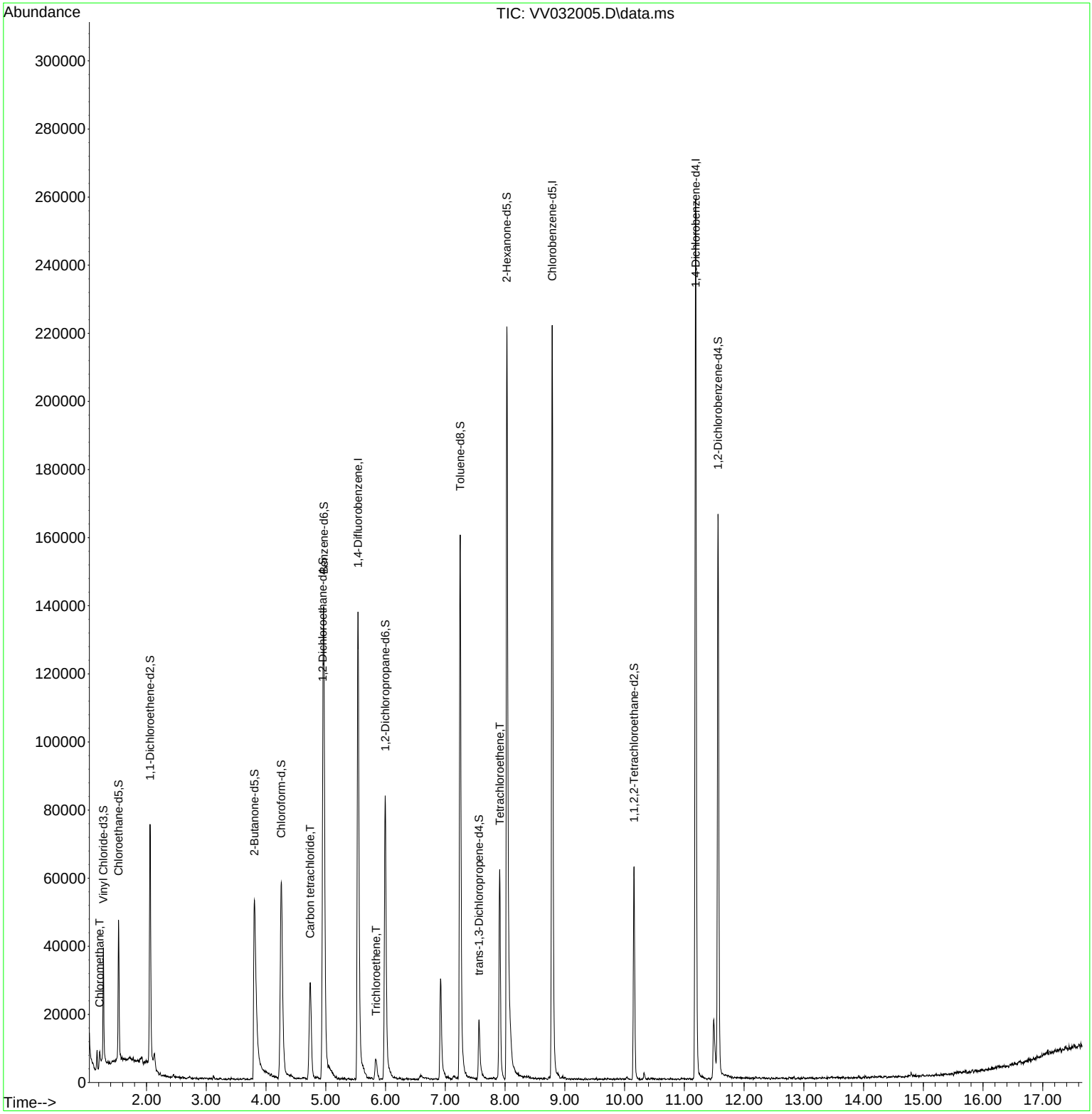
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.539 | 114 | 125740 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.789 | 117 | 122710 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.191 | 152 | 64806 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 21265 | 5.007 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.200% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 26482 | 5.443 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 12469 | 4.989 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 99.800% | | | |
| 20) 2-Butanone-d5 | 3.806 | 46 | 108935 | 52.990 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.980% | | | |
| 24) Chloroform-d | 4.256 | 84 | 62647 | 4.359 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.950 | 65 | 32630 | 4.406 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.200% | | | |
| 32) Benzene-d6 | 4.966 | 84 | 125245 | 4.485 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.995 | 67 | 43582 | 4.426 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 88.600% | | | |
| 41) Toluene-d8 | 7.249 | 98 | 110281 | 4.256 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.564 | 79 | 11618 | 3.236 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 64.800% | | | |
| 46) 2-Hexanone-d5 | 8.031 | 63 | 84320 | 44.046 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 88.100% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84 | 31120 | 4.405 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 88.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 41194 | 3.925 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 78.600%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.217 | 50 | 2310 | 0.300 | ug/L | 87 |
| 31) Carbon tetrachloride | 4.738 | 117 | 21715 | 2.265 | ug/L | 100 |
| 34) Trichloroethene | 5.841 | 95 | 1361 | 0.165 | ug/L | 84 |
| 47) Tetrachloroethene | 7.912 | 164 | 13994 | 2.652 | ug/L | 97 |

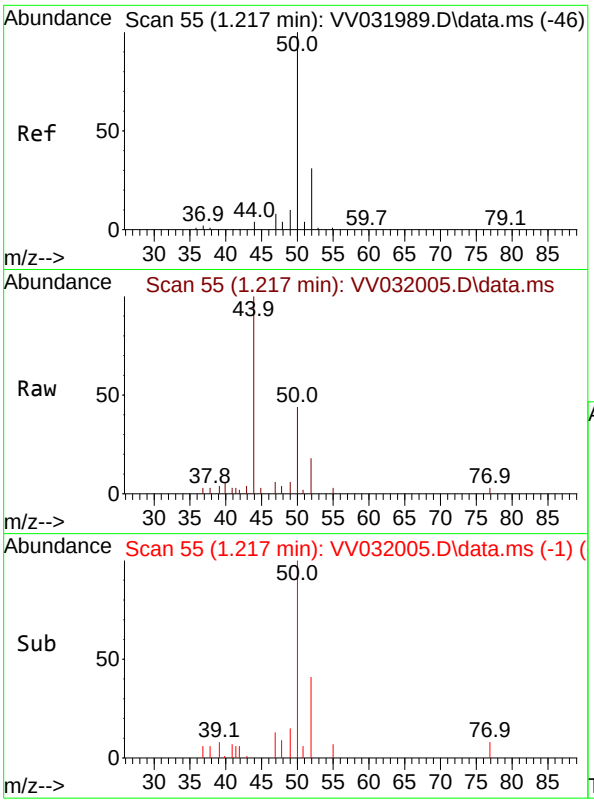
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
Data File : VV032005.D
Acq On : 09 Sep 2023 17:07
Operator : SY/MD
Sample : 04307-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH4J8

Quant Time: Sep 09 21:56:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration



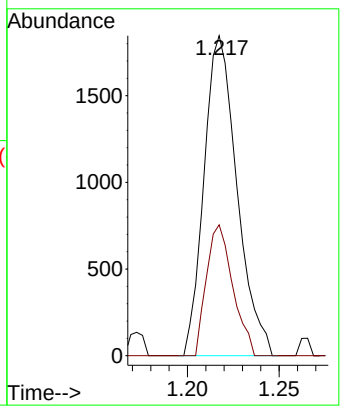


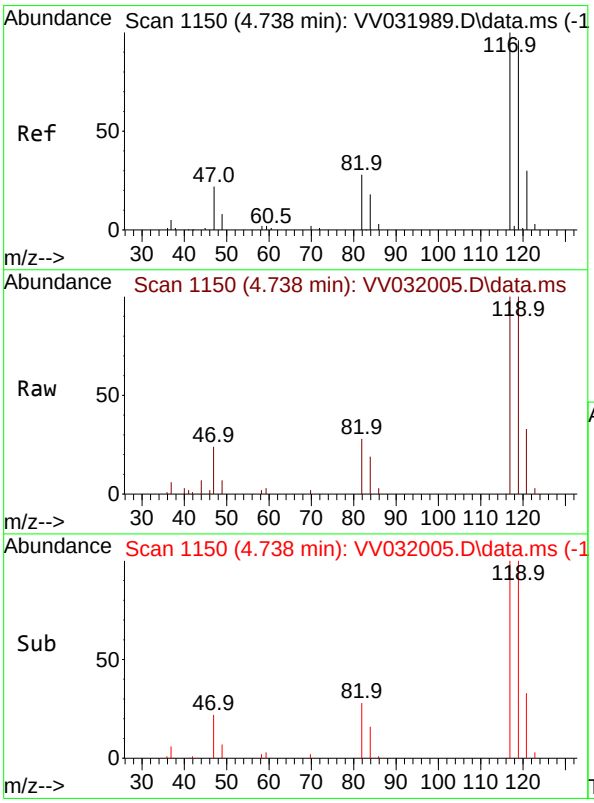

#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV032005.D
Acq: 09 Sep 2023 17:07

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH4J8

Tgt Ion: 50 Resp: 2310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 40.9 | 23.3 | 43.3 |

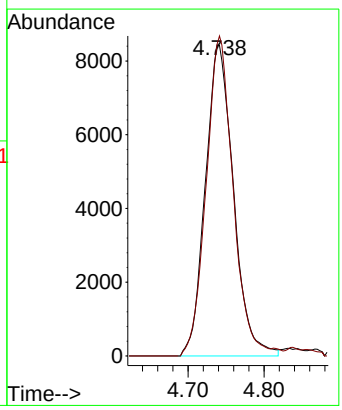


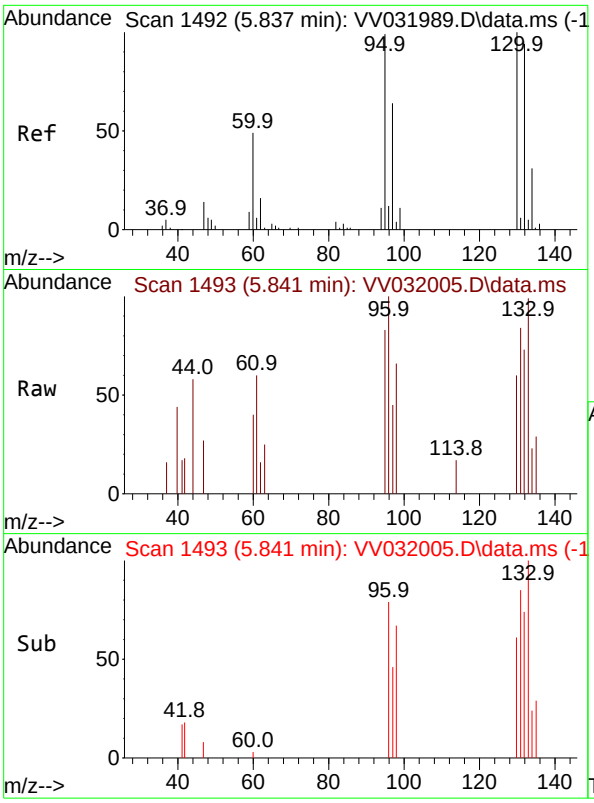




#31
Carbon tetrachloride
Concen: 2.265 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032005.D
Acq: 09 Sep 2023 17:07

Tgt Ion:117 Resp: 21715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.0 | 78.4 | 117.6 |



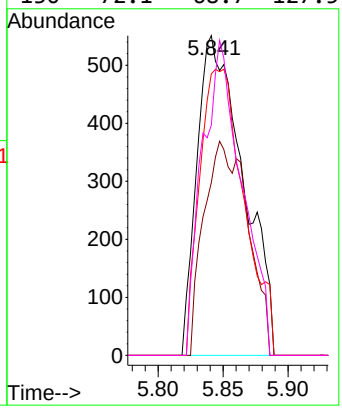


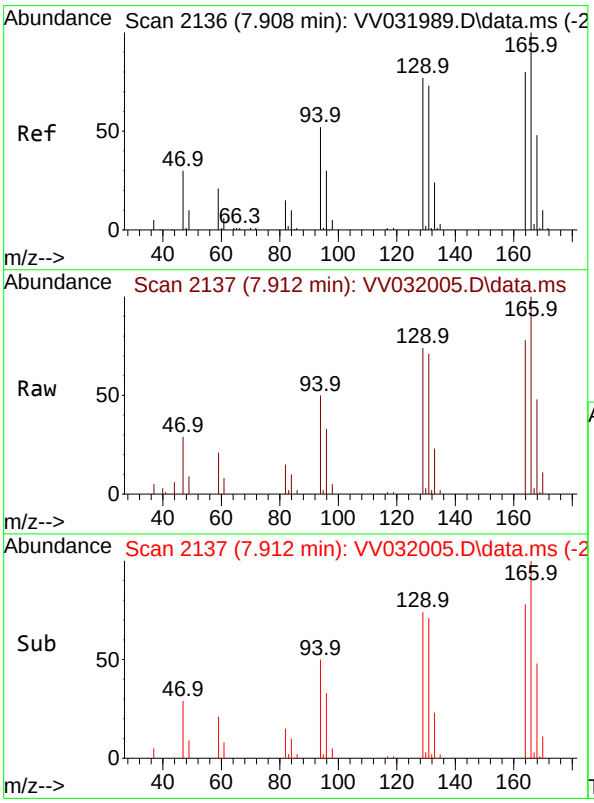

#34
Trichloroethene
Concen: 0.165 ug/L
RT: 5.841 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV032005.D
Acq: 09 Sep 2023 17:07

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH4J8

Tgt Ion: 95 Resp: 1361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 54.1 | 47.7 | 88.7 |
| 132 | 88.0 | 63.8 | 118.4 |
| 130 | 72.1 | 68.7 | 127.5 |




#47
Tetrachloroethene
Concen: 2.652 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032005.D
Acq: 09 Sep 2023 17:07

Tgt Ion:164 Resp: 13994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 94.9 | 70.6 | 131.2 |
| 131 | 91.1 | 64.6 | 120.0 |
| 166 | 128.1 | 88.3 | 164.1 |