Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028948.D
Acq On : 14 Nov 2022 19:14
Operator : SY/MD
Sample : N5592-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0AE1

Quant Time: Nov 15 00:07:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 00:01:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.613 | 114 | 269219 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 249511 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.243 | 152 | 114034 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 60576 | 3.691 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.800% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 60861 | 4.218 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 84.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 90203 | 3.016 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 60.400% | | | |
| 20) 2-Butanone-d5 | 3.886 | 46 | 152918 | 55.658 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 111.320% | | | |
| 24) Chloroform-d | 4.343 | 84 | 158892 | 4.715 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 75566 | 4.984 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.600% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 324531 | 4.358 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 97053 | 4.667 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.400% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 283044 | 4.222 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 84.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 28538 | 4.207 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 84.200% | | | |
| 46) 2-Hexanone-d5 | 8.085 | 63 | 131649 | 45.472 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.940% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 70498 | 4.889 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 97.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 99674 | 4.886 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.751 | 101 | 508607 | 17.755 | ug/L | 99 |
| 25) Chloroform | 4.371 | 83 | 13866 | 0.428 | ug/L | 100 |
| 38) Bromodichloromethane | 6.516 | 83 | 2421 | 0.109 | ug/L | 97 |
| 47) Tetrachloroethene | 7.973 | 164 | 22842 | 1.461 | ug/L | 97 |

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

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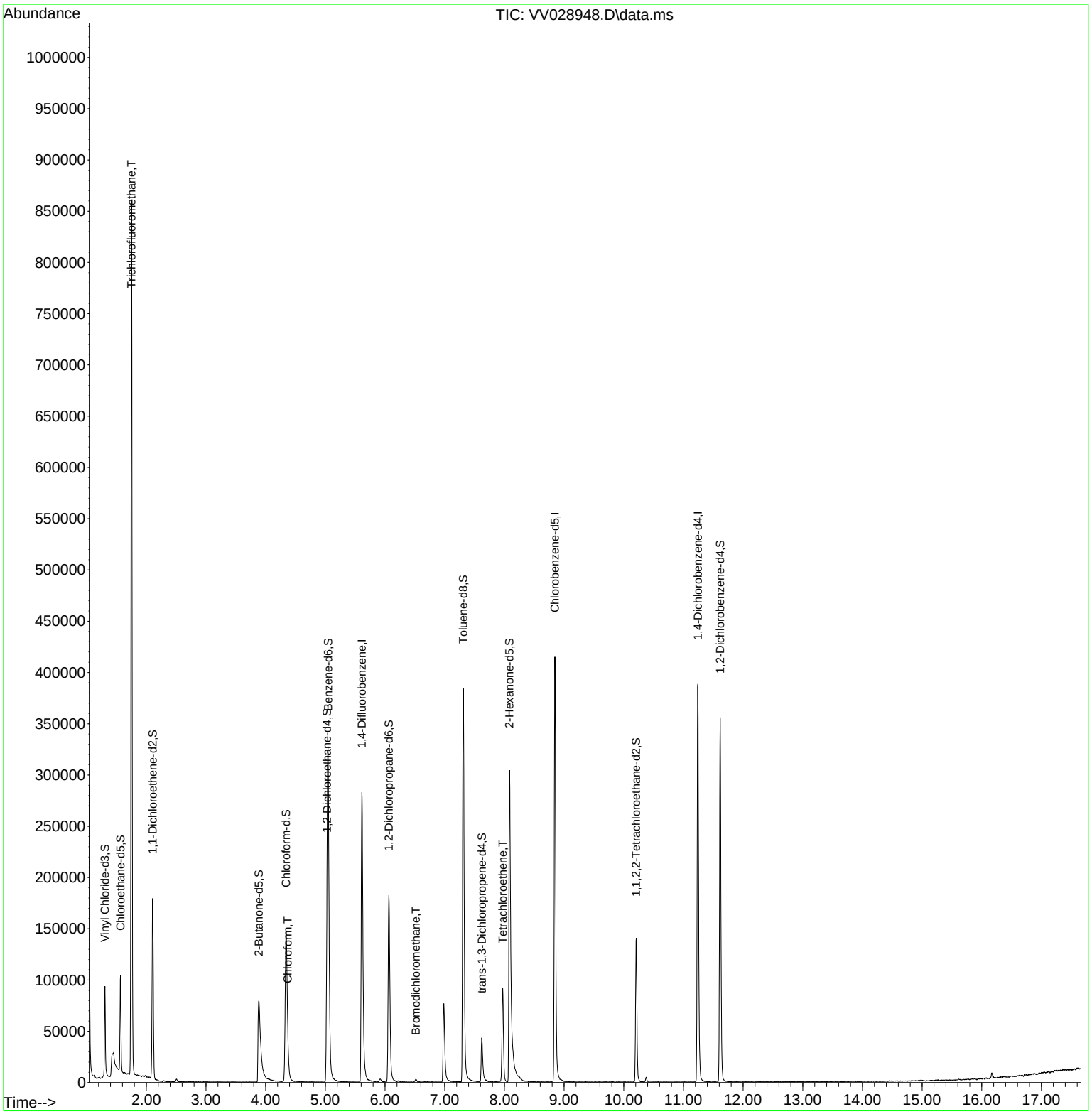
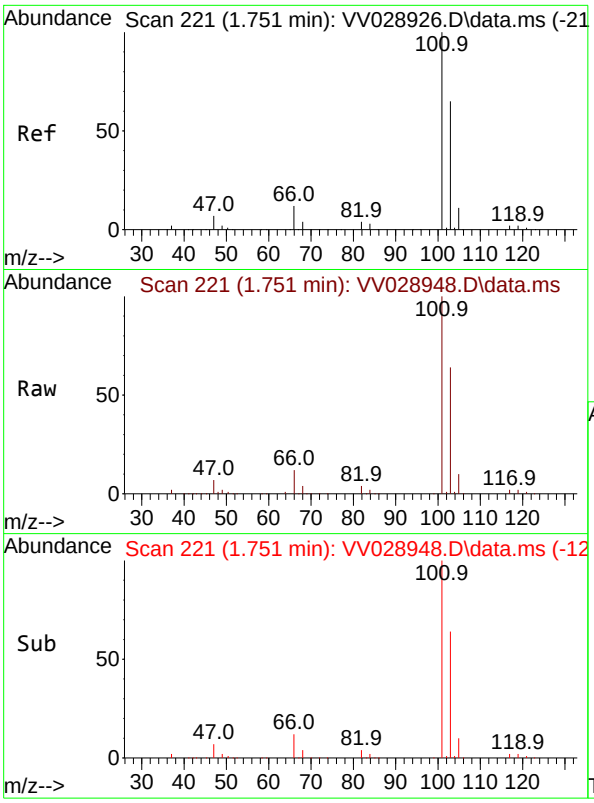


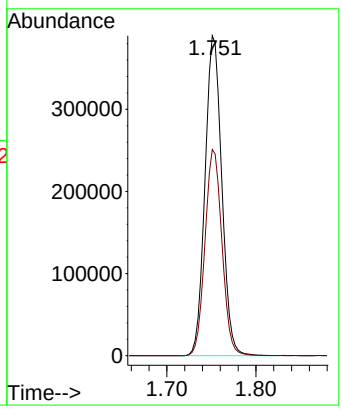


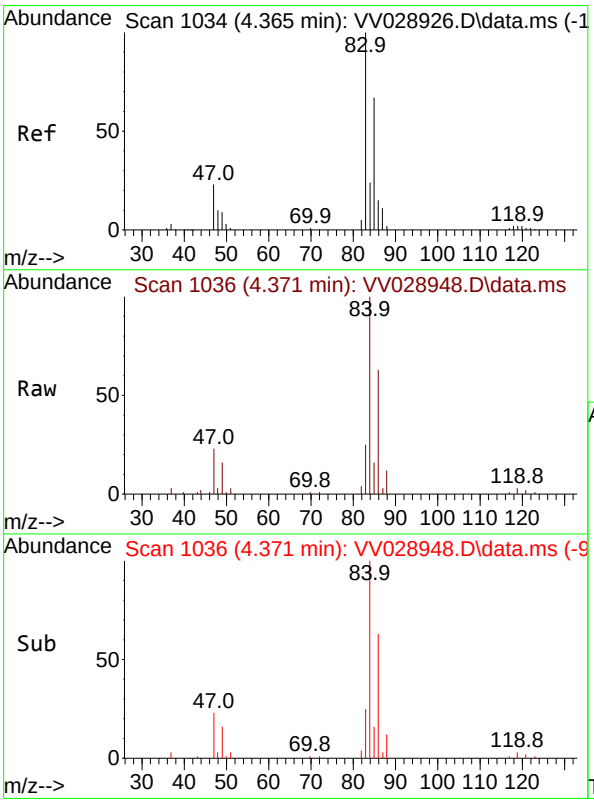

#9
Trichlorofluoromethane
Concen: 17.755 ug/L
RT: 1.751 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0AE1

Tgt Ion:101 Resp: 508607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 51.3 | 76.9 |

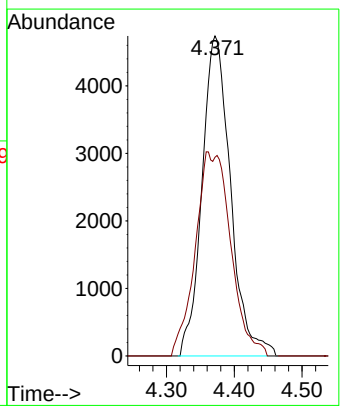


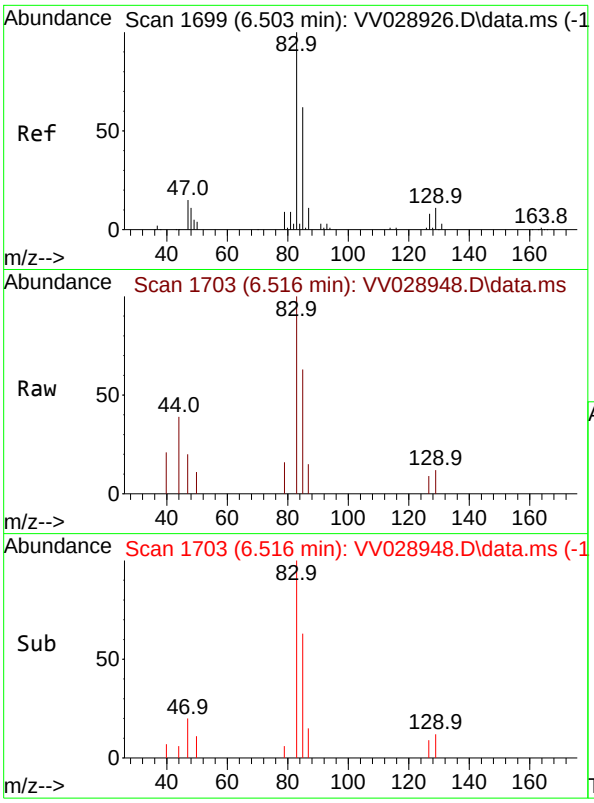




#25
Chloroform
Concen: 0.428 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion: 83 Resp: 13866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 43.7 | 81.1 |



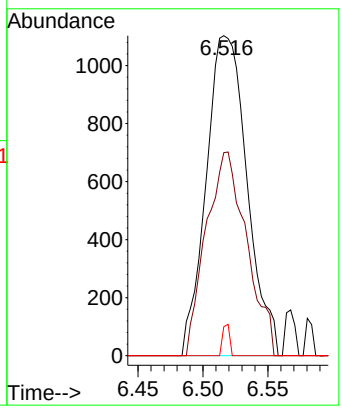


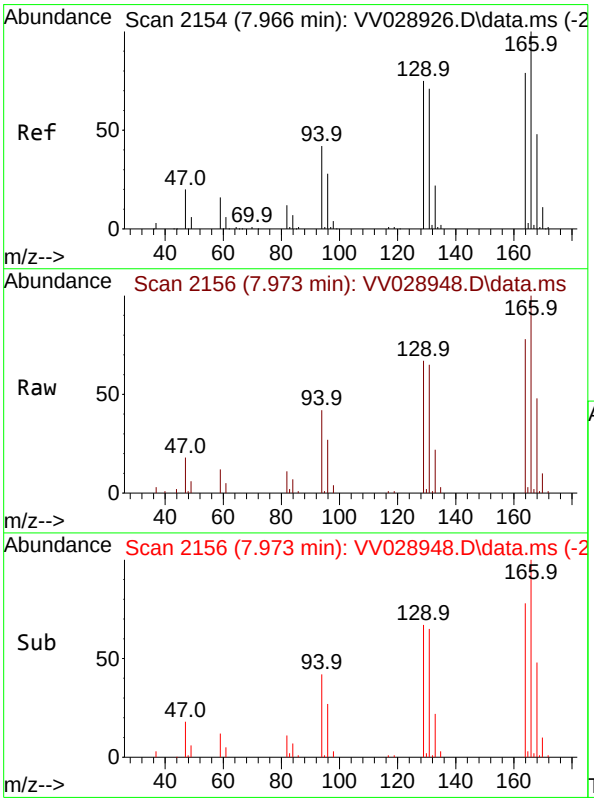

#38
Bromodichloromethane
Concen: 0.109 ug/L
RT: 6.516 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0AE1

Tgt Ion: 83 Resp: 2421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 46.1 | 85.5 |
| 127 | 9.1 | 6.7 | 10.1 |




#47
Tetrachloroethene
Concen: 1.461 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV028948.D
Acq: 14 Nov 2022 19:14

Tgt Ion:164 Resp: 22842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 86.1 | 63.9 | 118.7 |
| 131 | 83.6 | 61.8 | 114.8 |
| 166 | 128.3 | 90.2 | 167.4 |