Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028122.D
Acq On : 07 Mar 2024 13:20
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**

Quant Time: Mar 08 00:17:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 08 00:16:11 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.837 | 114 | 279846 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 267033 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.550 | 152 | 128526 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.357 | 65 | 56918 | 17.038 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.160% | | | |
| 7) Chloroethane-d5 | 2.899 | 69 | 33103 | 12.792 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 51.160% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 24727 | 18.121 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 72.480% | | | |
| 21) 2-Butanone-d5 | 7.069 | 46 | 26085 | 54.739 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 109.480% | | | |
| 24) Chloroform-d | 7.642 | 84 | 115333 | 19.458 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 77.840% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.301 | 65 | 63189 | 22.907 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.640% | | | |
| 32) Benzene-d6 | 8.270 | 84 | 238291 | 19.116 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 76.480% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.270 | 67 | 64715 | 20.093 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 80.360% | | | |
| 41) Toluene-d8 | 10.319 | 98 | 224953 | 19.149 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 76.600% | | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 29548 | 20.935 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 83.760% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 25068 | 55.258 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 110.520% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 60831 | 23.931 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.720% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.848 | 152 | 81952 | 21.440 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 85.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 4.923 | 84 | 12367 | 3.213 | ug/L | 96 |
| 37) 1,2-Dichloropropane | 9.270 | 63 | 7493 | 2.230 | ug/L # | 84 |
| 39) cis-1,3-Dichloropropene | 10.032 | 75 | 2380 | 0.431 | ug/L # | 69 |
| 71) Naphthalene | 15.354 | 128 | 4373 | 0.554 | ug/L # | 94 |

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

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Quant Title : SFAM01.0
QLast Update : Fri Mar 08 00:16:11 2024
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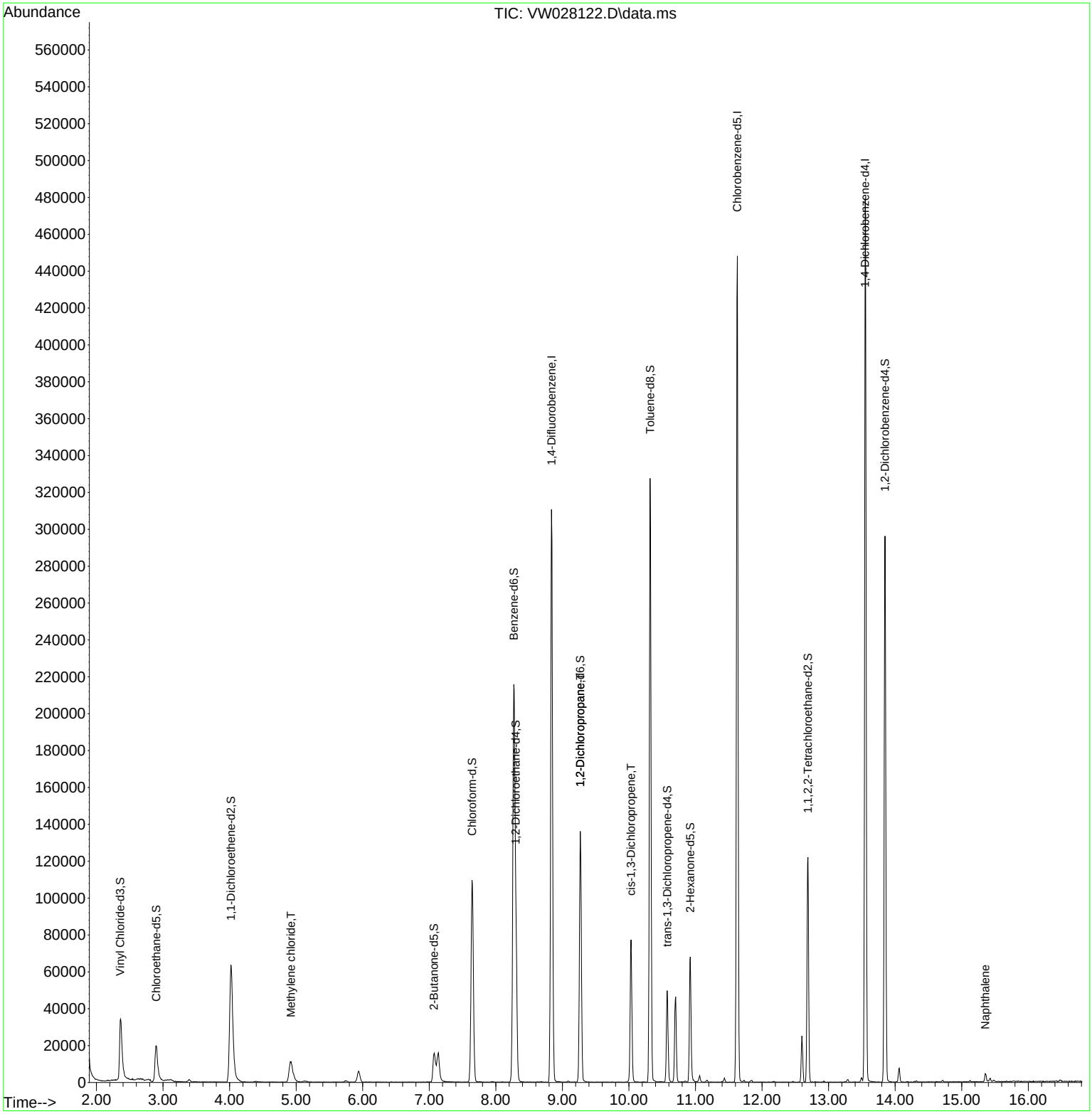
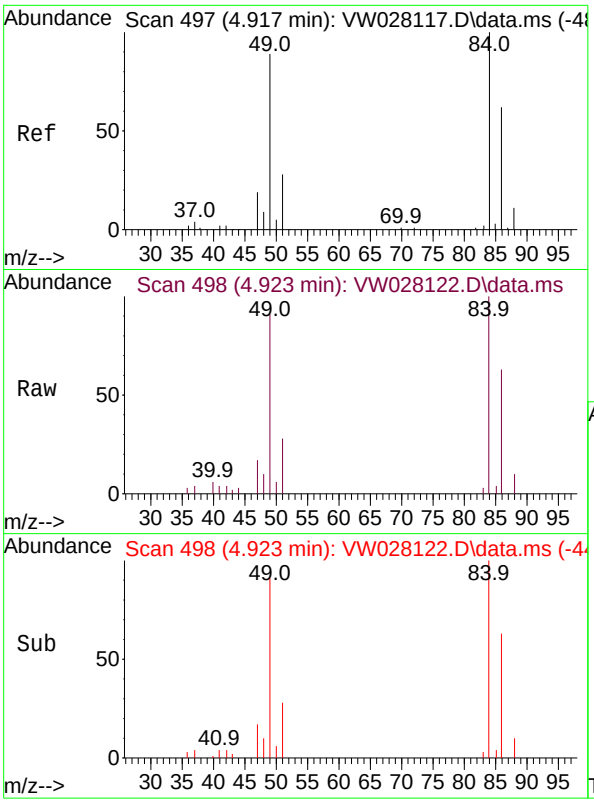


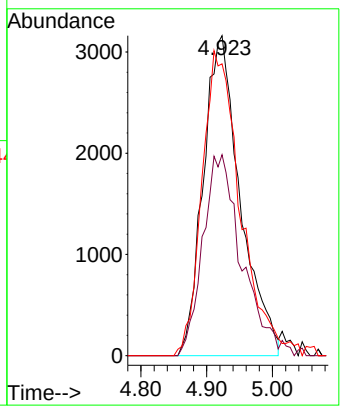


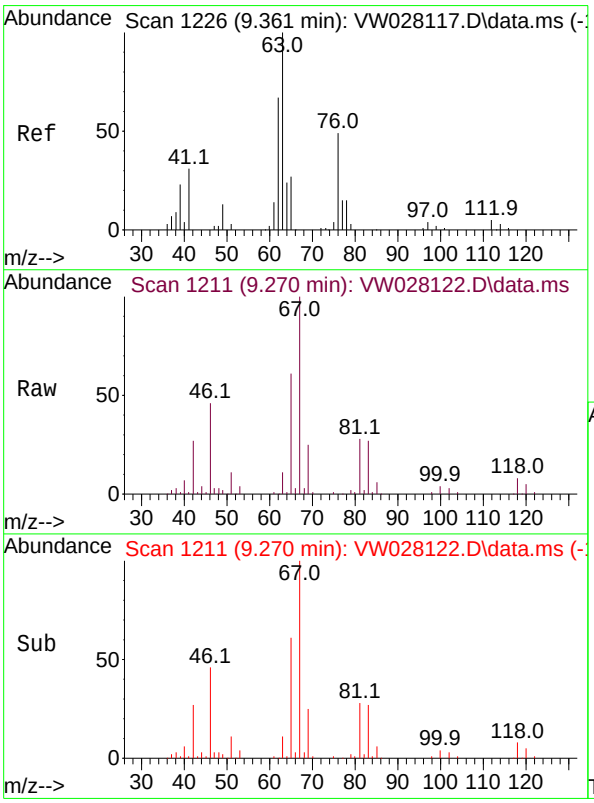

#16
Methylene chloride
Concen: 3.213 ug/L
RT: 4.923 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW028122.D
Acq: 07 Mar 2024 13:20

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 84 Resp: 12367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.8 | 41.2 | 76.6 |
| 49 | 91.2 | 66.5 | 123.5 |

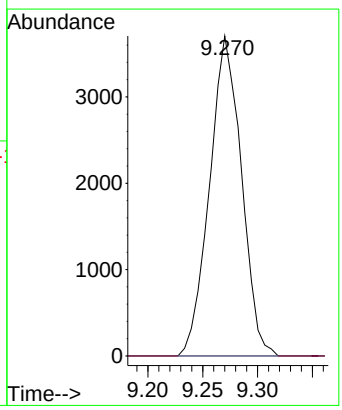


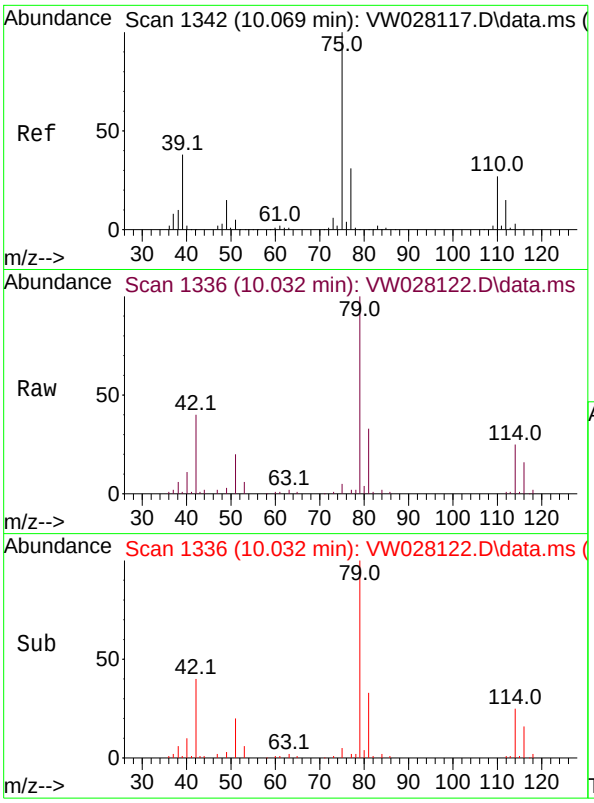




#37
1,2-Dichloropropane
Concen: 2.230 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.091 min
Lab File: VW028122.D
Acq: 07 Mar 2024 13:20

Tgt Ion: 63 Resp: 7493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.4 | 6.6# |



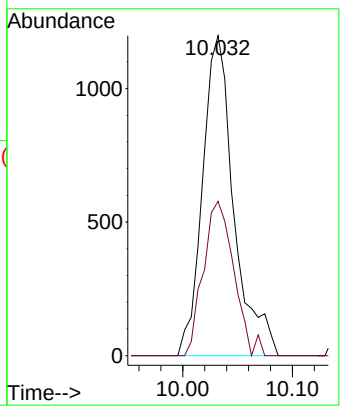


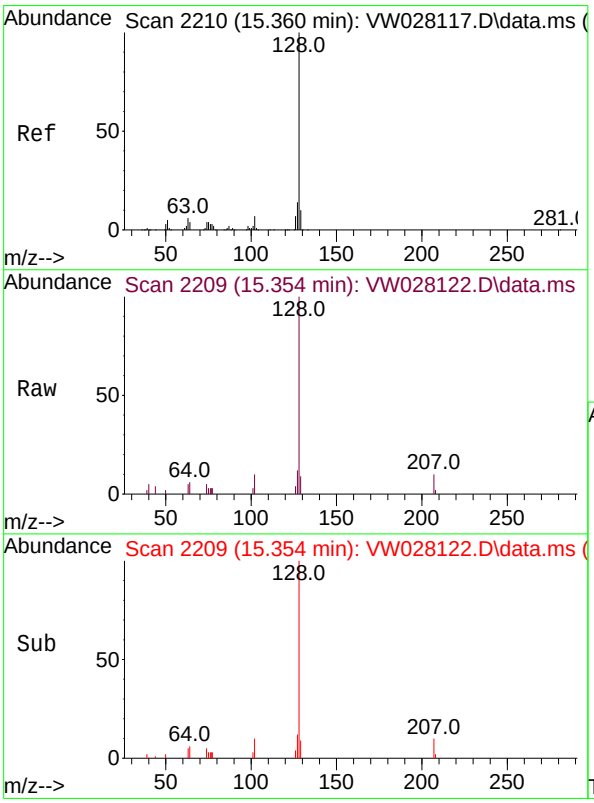

#39
cis-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 10.032 min Scan# 1
Delta R.T. -0.037 min
Lab File: VW028122.D
Acq: 07 Mar 2024 13:20

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 75 Resp: 2380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.2 | 21.7 | 40.3# |




#71
Naphthalene
Concen: 0.554 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW028122.D
Acq: 07 Mar 2024 13:20

Tgt Ion:128 Resp: 4373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 8.6 | 10.4 | 15.6# |
| 129 | 10.6 | 8.6 | 13.0 |