Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029126.D
Acq On : 18 Nov 2022 18:25
Operator : SY/MD
Sample : N5688-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 18 23:35:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.603 | 114 | 284279 | 5.000 | ug/L | -0.01 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 232400 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 106726 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.298 | 65 | 68979 | 3.980 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.600% | | | |
| 7) Chloroethane-d5 | 1.558 | 69 | 61591 | 4.042 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.095 | 63 | 96786 | 3.064 | ug/L | -0.02 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.200% | | | |
| 20) 2-Butanone-d5 | 3.960 | 46 | 184325 | 63.535 | ug/L | 0.06 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 127.080% | | | |
| 24) Chloroform-d | 4.333 | 84 | 160403 | 4.508 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 83584 | 5.221 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.400% | | | |
| 32) Benzene-d6 | 5.031 | 84 | 332641 | 4.795 | ug/L | -0.02 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.056 | 67 | 86623 | 4.472 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.400% | | | |
| 41) Toluene-d8 | 7.301 | 98 | 285993 | 4.580 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.613 | 79 | 27635 | 4.374 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.400% | | | |
| 46) 2-Hexanone-d5 | 8.104 | 63 | 142683 | 52.911 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 105.820% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84 | 76436 | 5.692 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 113.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 102781 | 5.383 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.230 | 50 | 2392 | 0.122 | ug/L | 97 |
| 6) Bromomethane | 1.513 | 94 | 554 | 0.041 | ug/L | 84 |
| 35) Methylcyclohexane | 6.056 | 83 | 24480 | 0.766 | ug/L # | 22 |
| 61) 1,2,3-Trichloropropane | 11.239 | 75 | 12425 | 1.704 | ug/L # | 64 |

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

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Quant Title : TRACE VOA SFAM1.0
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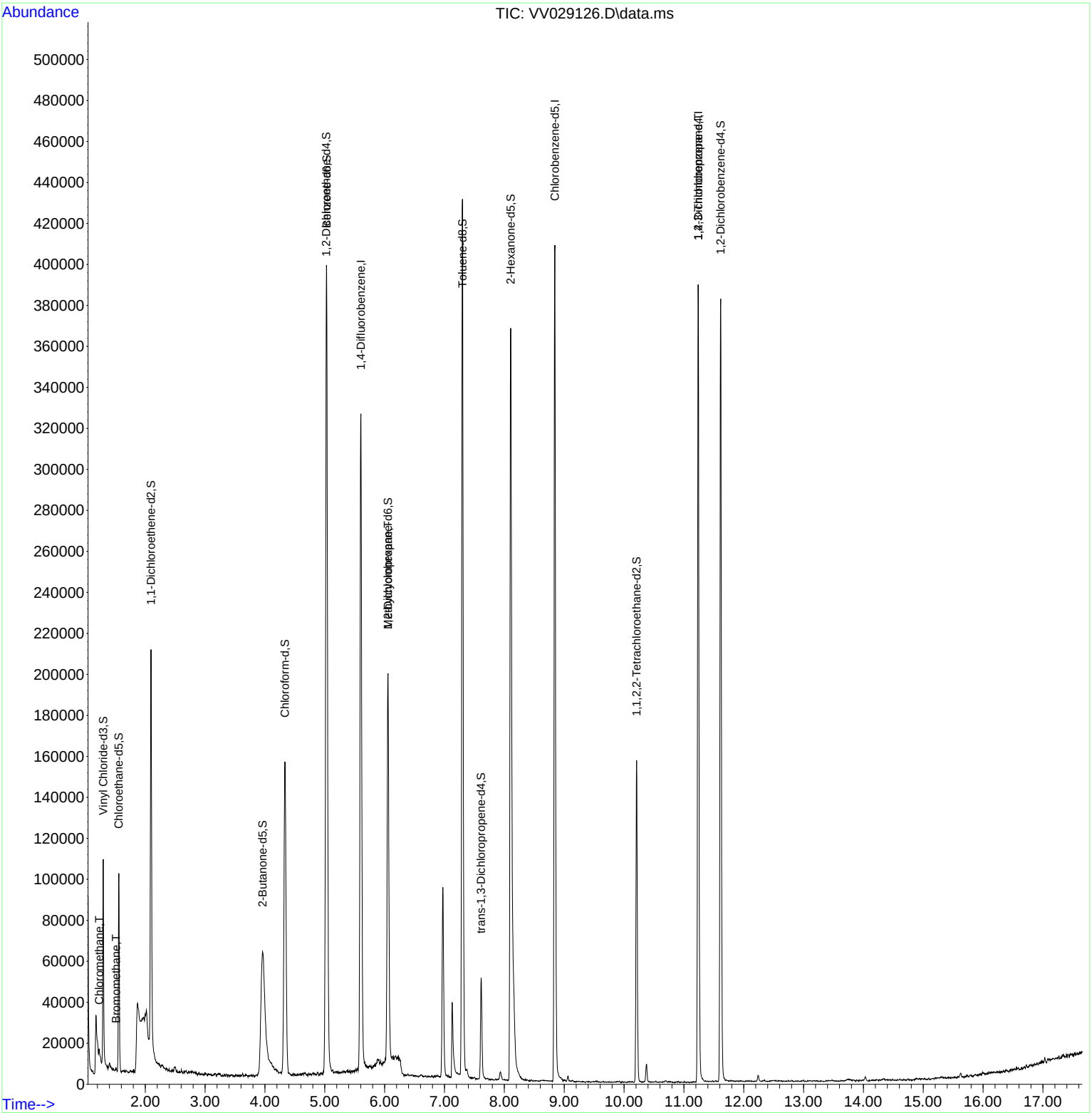
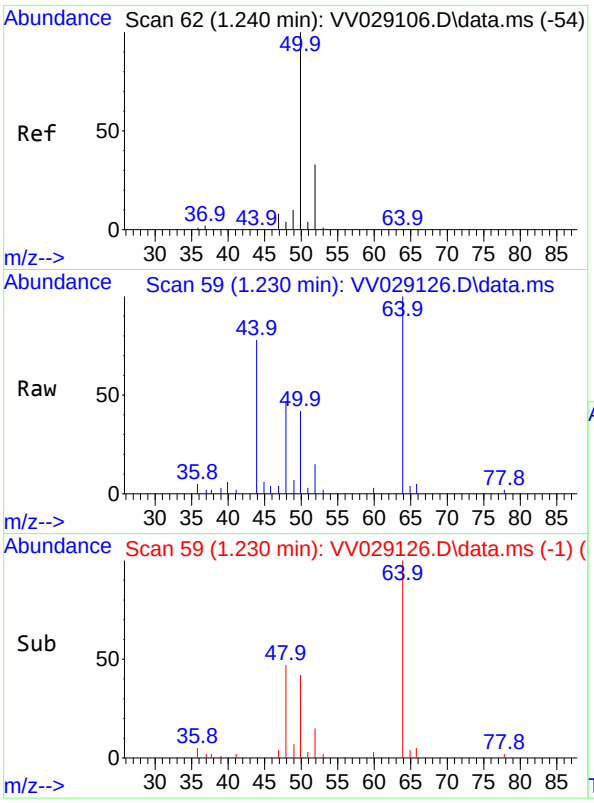


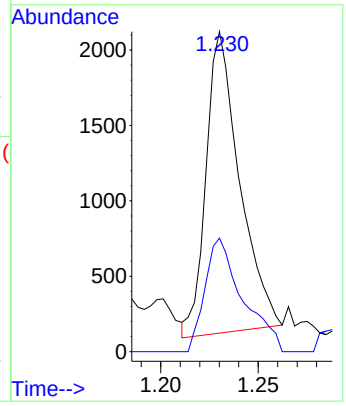


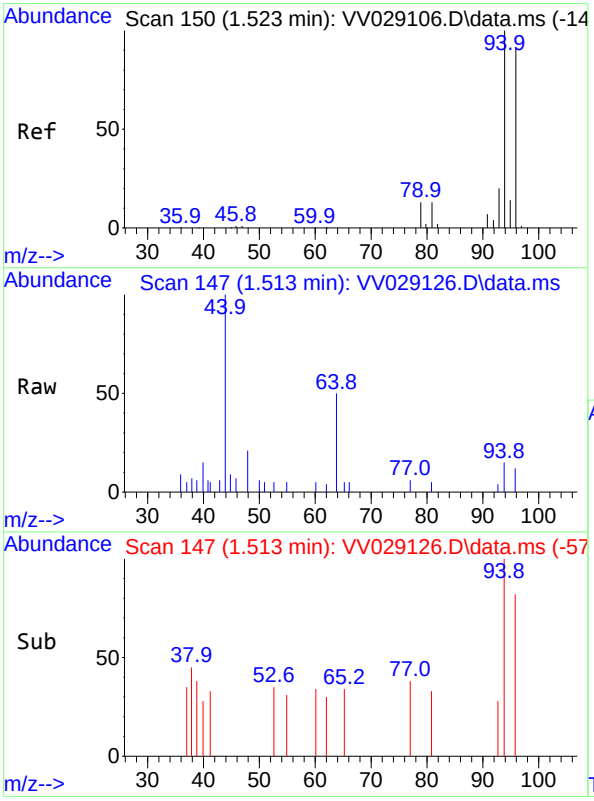

#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.230 min Scan# 5
Delta R.T. -0.010 min
Lab File: VV029126.D
Acq: 18 Nov 2022 18:25

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

Tgt Ion: 50 Resp: 2392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.5 | 23.7 | 43.9 |

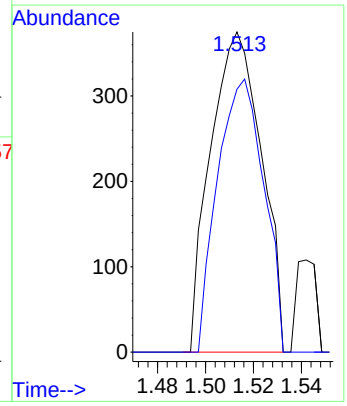


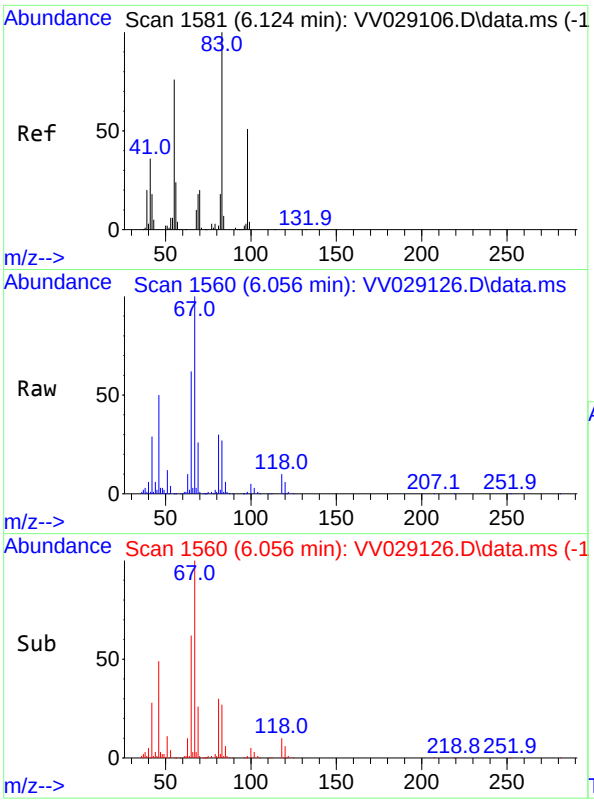




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.010 min
Lab File: VV029126.D
Acq: 18 Nov 2022 18:25

Tgt Ion: 94 Resp: 554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 82.1 | 68.5 | 127.3 |



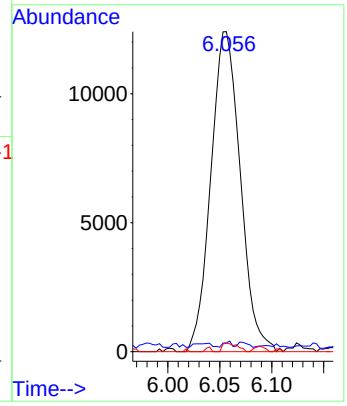


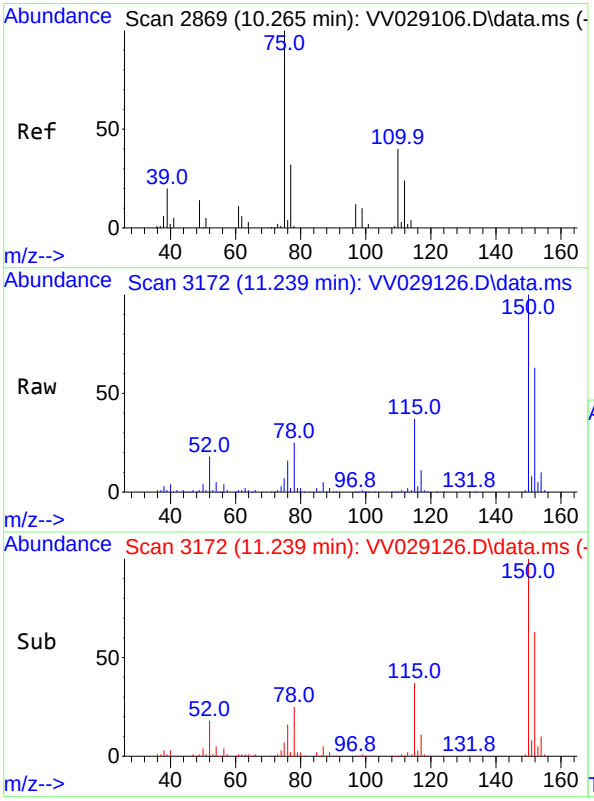

#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.056 min Scan# 1
Delta R.T. -0.074 min
Lab File: VV029126.D
Acq: 18 Nov 2022 18:25

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

Tgt Ion: 83 Resp: 24480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 55.8 | 83.6# |
| 98 | 1.4 | 38.2 | 57.2# |




#61
1,2,3-Trichloropropane
Concen: 1.704 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029126.D
Acq: 18 Nov 2022 18:25

Tgt Ion: 75 Resp: 12425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 26.2 | 39.2 |
| 110 | 2.0 | 32.6 | 48.8# |