Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
Data File : VV030322.D
Acq On : 29 Mar 2023 13:15
Operator : SY/MD
Sample : 02092-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
CB980

Quant Time: Mar 30 02:10:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 30 01:55:26 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.545 | 114 | 154609 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.792 | 117 | 154520 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 73728 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 39529 | 3.860 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 77.200% | | | |
| 7) Chloroethane-d5 | 1.536 | 69 | 41929 | 4.219 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 84.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.063 | 63 | 70496 | 2.901 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 58.000%# | | | |
| 20) 2-Butanone-d5 | 3.847 | 46 | 100681 | 38.040 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 76.080% | | | |
| 24) Chloroform-d | 4.262 | 84 | 106951 | 4.315 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.953 | 65 | 53548 | 4.579 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.600% | | | |
| 32) Benzene-d6 | 4.969 | 84 | 188774 | 4.335 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.998 | 67 | 61894 | 4.540 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 90.800% | | | |
| 41) Toluene-d8 | 7.252 | 98 | 155618 | 3.892 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.564 | 79 | 19894 | 3.876 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 77.600% | | | |
| 46) 2-Hexanone-d5 | 8.040 | 63 | 89602 | 43.445 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 86.880% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84 | 46489 | 4.327 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.600% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.570 | 152 | 61969 | 4.703 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 94.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.217 | 50 | 3502 | 0.141 | ug/L | 91 |
| 16) Methylene chloride | 2.452 | 84 | 3508 | 0.230 | ug/L | 98 |
| 35) Methylcyclohexane | 5.995 | 83 | 14744 | 0.635 | ug/L # | 17 |
| 61) 1,2,3-Trichloropropane | 11.194 | 75 | 9078 | 1.377 | ug/L # | 63 |

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

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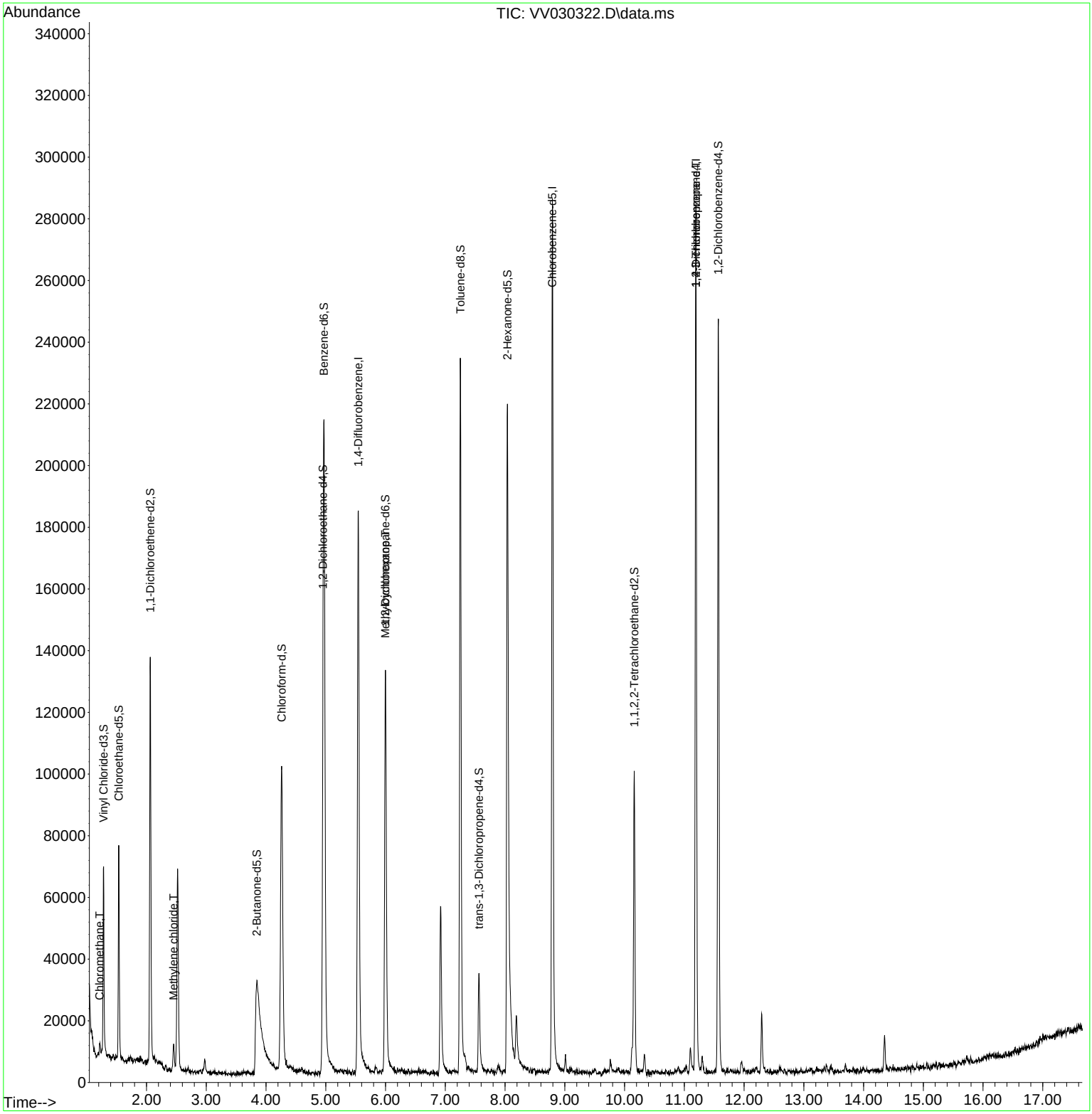
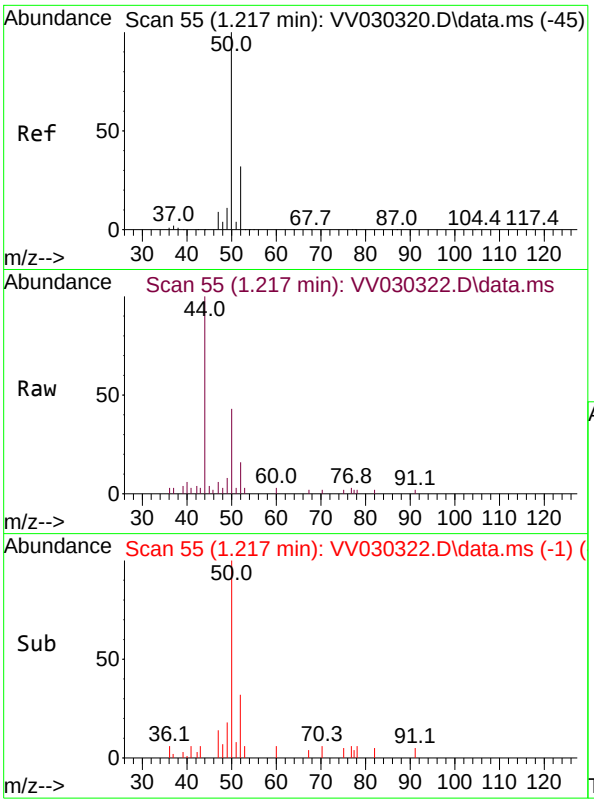


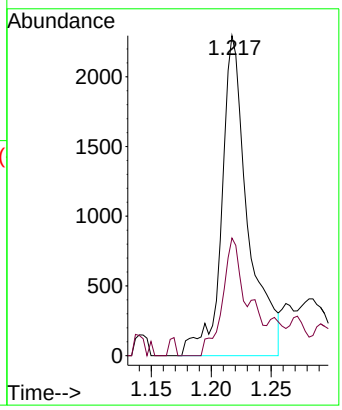


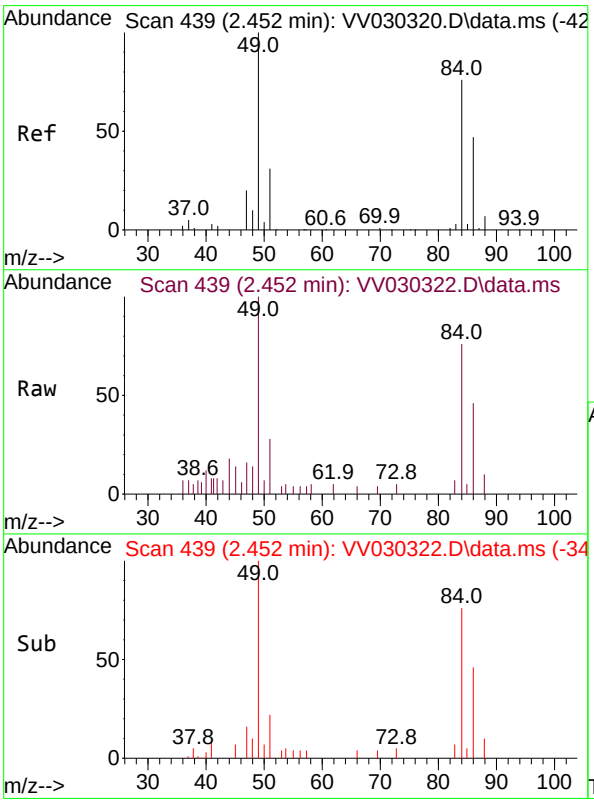

#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV030322.D
Acq: 29 Mar 2023 13:15

**Instrument :**
MSVOA_V
**ClientSampleId :**
CB980

Tgt Ion: 50 Resp: 3502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.7 | 22.3 | 41.5 |

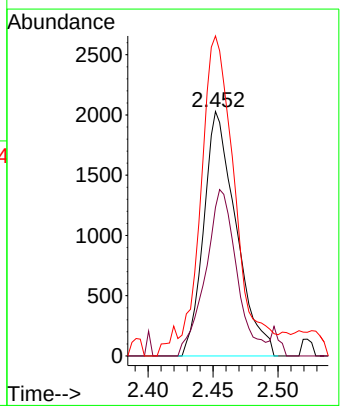


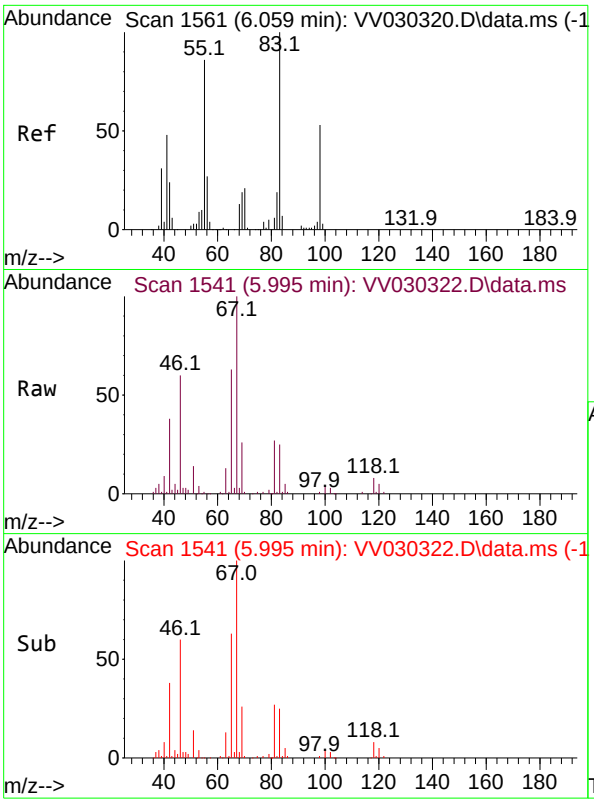




#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030322.D
Acq: 29 Mar 2023 13:15

Tgt Ion: 84 Resp: 3508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 60.8 | 44.0 | 81.6 |
| 49 | 130.9 | 90.6 | 168.3 |



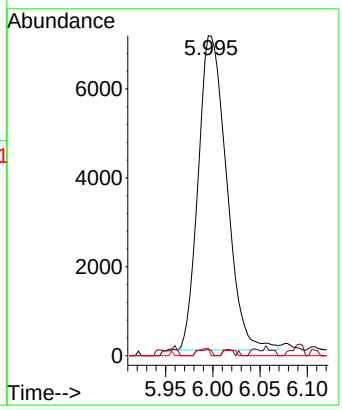


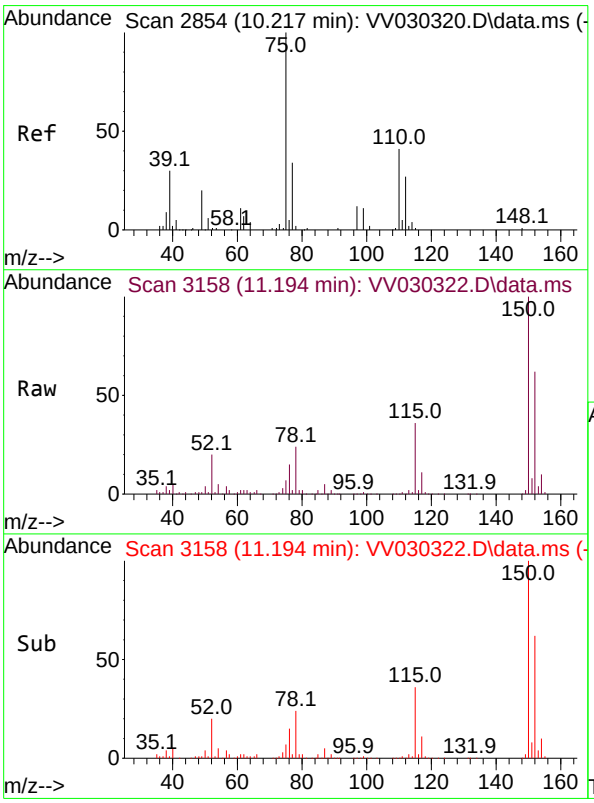

#35
Methylcyclohexane
Concen: 0.635 ug/L
RT: 5.995 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV030322.D
Acq: 29 Mar 2023 13:15

**Instrument :**
MSVOA_V
**ClientSampleId :**
CB980

Tgt Ion: 83 Resp: 14744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.0 | 66.6 | 100.0# |
| 98 | 0.9 | 38.6 | 58.0# |




#61
1,2,3-Trichloropropane
Concen: 1.377 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030322.D
Acq: 29 Mar 2023 13:15

Tgt Ion: 75 Resp: 9078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.8 | 26.0 | 39.0 |
| 110 | 1.4 | 31.6 | 47.4# |