Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
Data File : VV030230.D
Acq On : 17 Mar 2023 11:32
Operator : SY/MD
Sample : VV0317WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 17 22:57:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 22:49:08 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.545 | 114 | 121941 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.793 | 117 | 117074 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 56998 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 35085 | 4.447 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.000% | | | |
| 7) Chloroethane-d5 | 1.536 | 69 | 32098 | 4.334 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.063 | 63 | 55395 | 3.415 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.200% | | | |
| 20) 2-Butanone-d5 | 3.838 | 46 | 79294 | 54.508 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 109.020% | | | |
| 24) Chloroform-d | 4.262 | 84 | 72000 | 4.467 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.953 | 65 | 36967 | 5.618 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 112.400% | | | |
| 32) Benzene-d6 | 4.973 | 84 | 132372 | 4.202 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.998 | 67 | 40206 | 4.242 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 84.800% | | | |
| 41) Toluene-d8 | 7.252 | 98 | 113258 | 3.793 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.564 | 79 | 14829 | 4.573 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.400% | | | |
| 46) 2-Hexanone-d5 | 8.037 | 63 | 61312 | 45.707 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.420% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84 | 30067 | 4.459 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.571 | 152 | 44052 | 4.568 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 91.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.217 | 50 | 2950 | 0.189 | ug/L | 84 |
| 6) Bromomethane | 1.503 | 94 | 327 | 0.175 | ug/L # | 47 |
| 16) Methylene chloride | 2.455 | 84 | 2782 | 0.278 | ug/L | 92 |
| 35) Methylcyclohexane | 6.002 | 83 | 10576 | 0.780 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 5.998 | 63 | 4939 | 0.607 | ug/L # | 87 |
| 44) trans-1,3-Dichloropropene | 7.561 | 75 | 728 | 0.078 | ug/L # | 60 |
| 61) 1,2,3-Trichloropropane | 11.194 | 75 | 6850 | 1.796 | ug/L # | 64 |
| 71) Naphthalene | 13.458 | 128 | 1233 | 0.083 | ug/L # | 78 |

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

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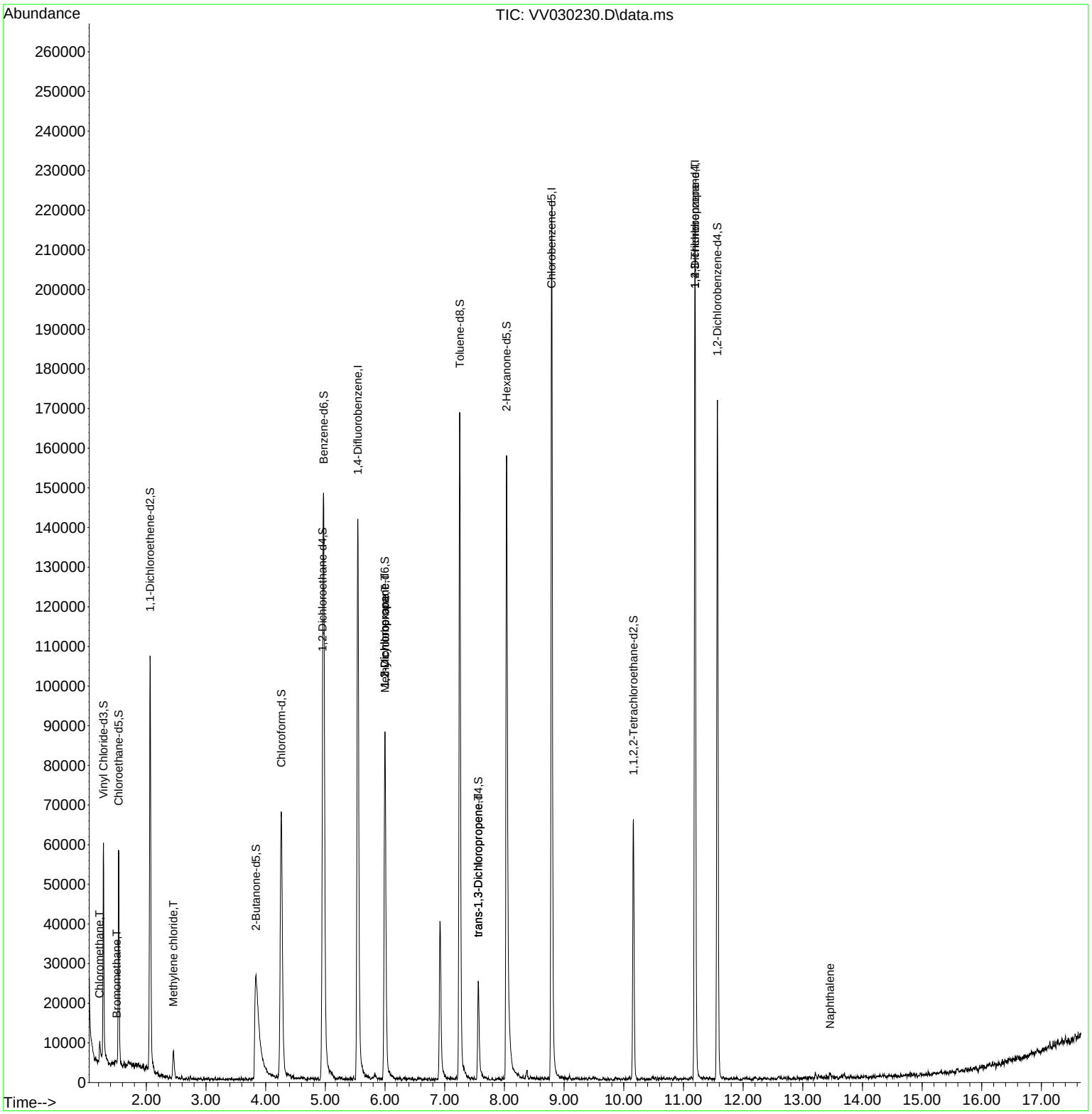
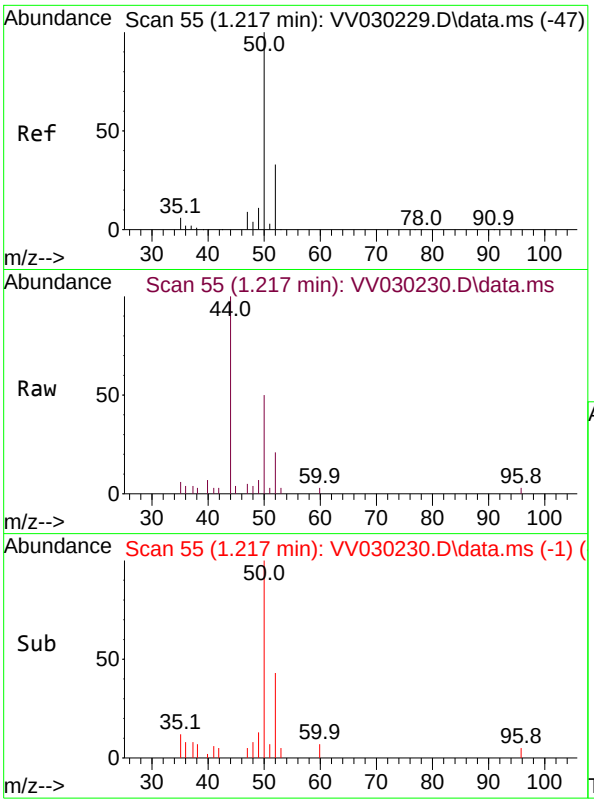
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 17 22:57:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 22:49:08 2023
Response via : Initial Calibration



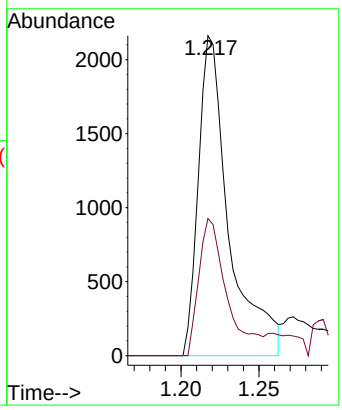


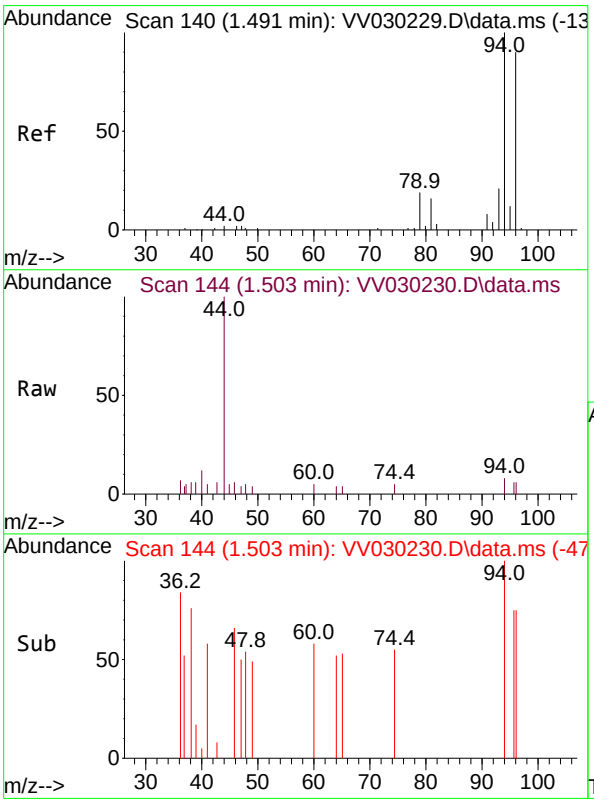

#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

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

Tgt Ion: 50 Resp: 2950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 42.8 | 23.6 | 43.8 |

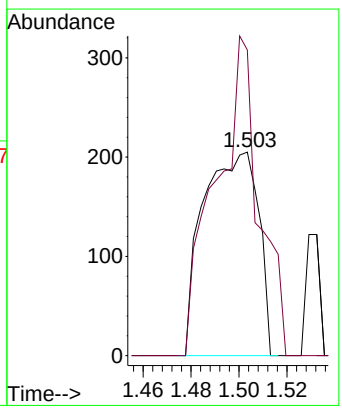


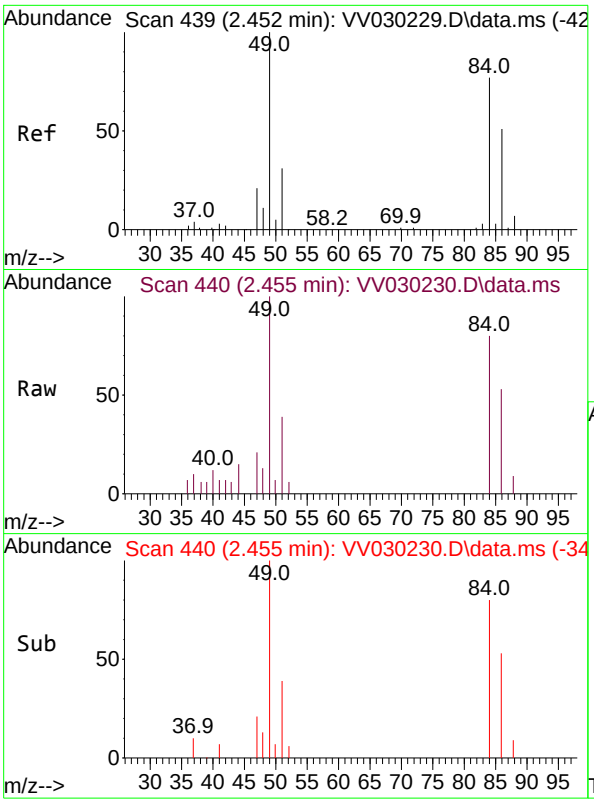




#6
Bromomethane
Concen: 0.175 ug/L
RT: 1.503 min Scan# 144
Delta R.T. 0.013 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 94 Resp: 327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 150.2 | 68.4 | 127.0# |



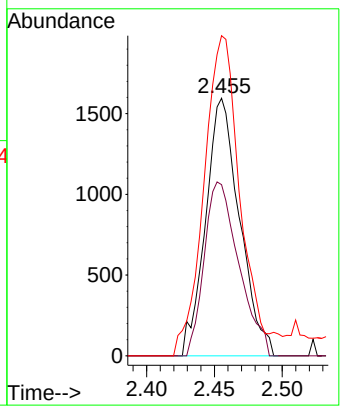


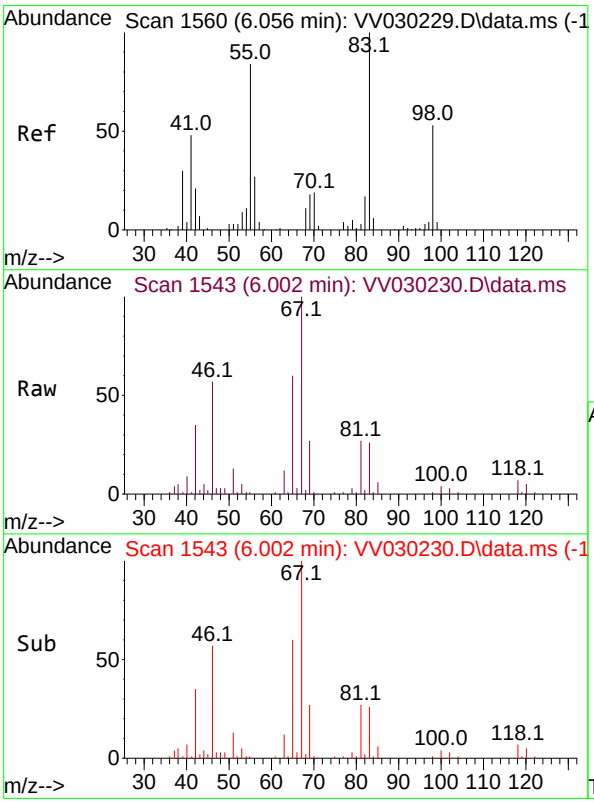

#16
Methylene chloride
Concen: 0.278 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

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

Tgt Ion: 84 Resp: 2782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.5 | 44.7 | 83.1 |
| 49 | 124.3 | 78.8 | 146.3 |

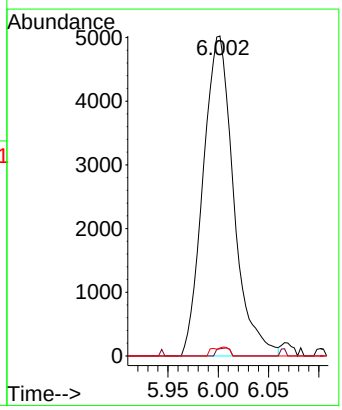


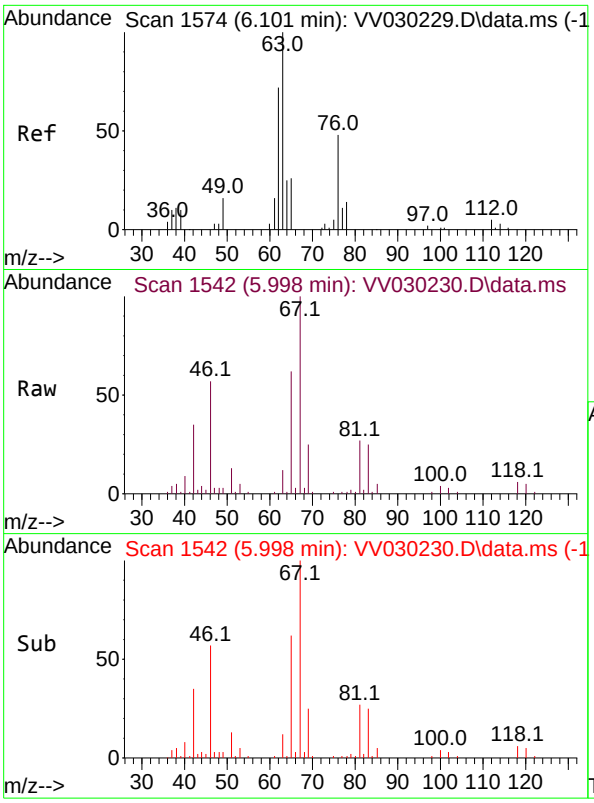




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.055 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 83 Resp: 10576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.0 | 57.6 | 86.4# |
| 98 | 1.5 | 38.8 | 58.2# |



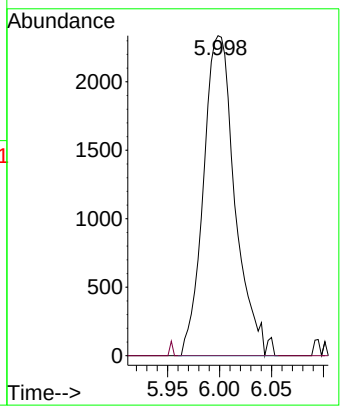


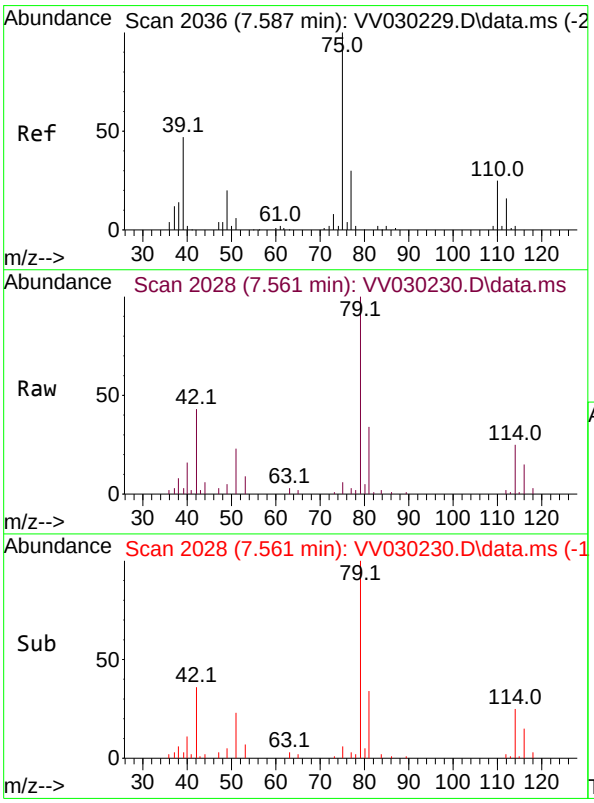

#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 5.998 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

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

Tgt Ion: 63 Resp: 4939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.8 | 5.6# |

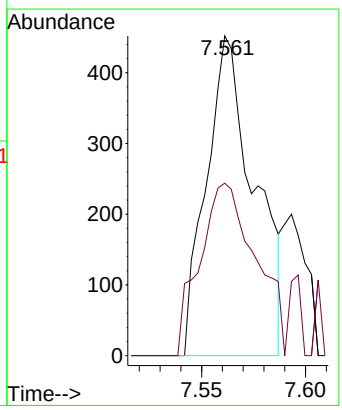


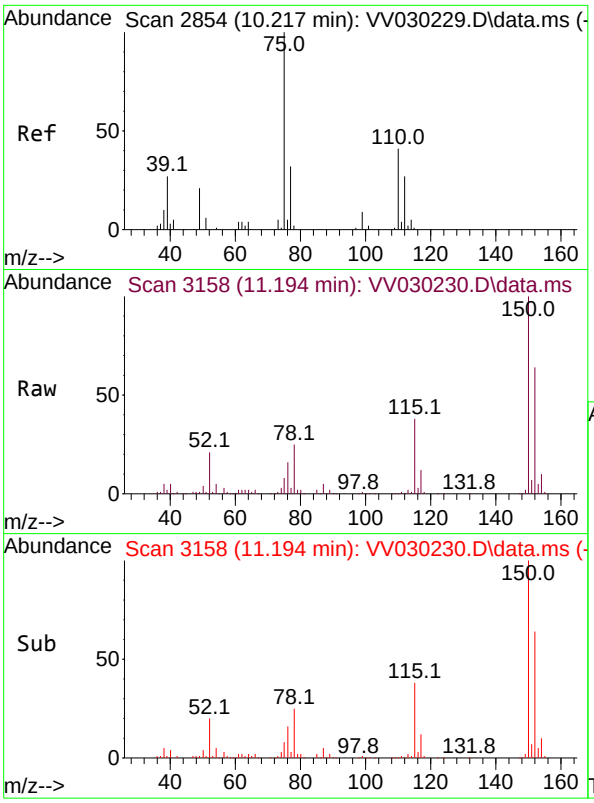




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.561 min Scan# 2028
Delta R.T. -0.026 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

Tgt Ion: 75 Resp: 728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.0 | 22.1 | 41.1# |



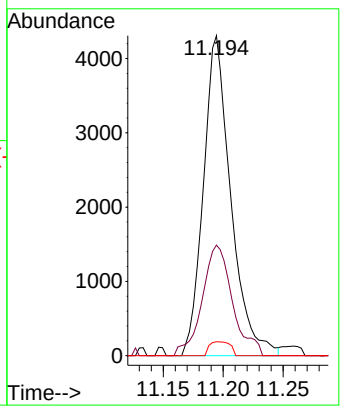


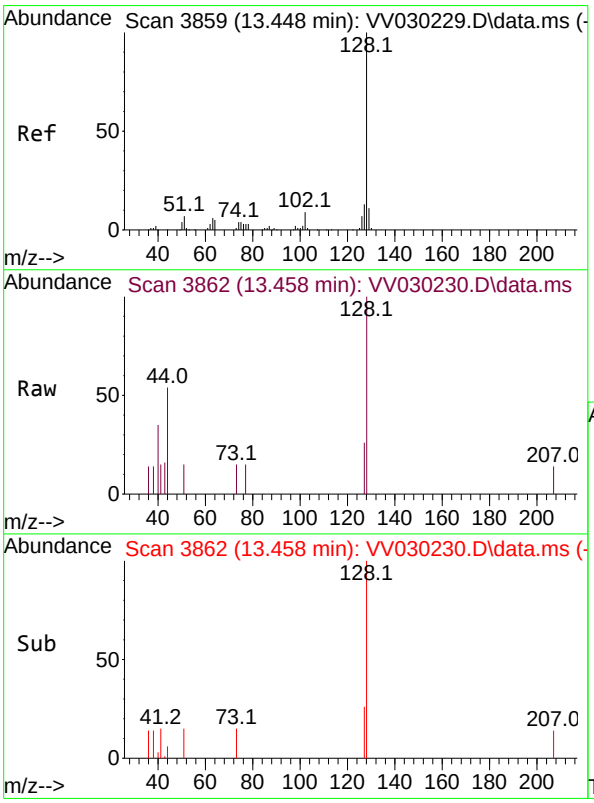

#61
1,2,3-Trichloropropane
Concen: 1.796 ug/L
RT: 11.194 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

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

Tgt Ion: 75 Resp: 6850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.1 | 26.5 | 39.7 |
| 110 | 3.3 | 31.8 | 47.6# |




#71
Naphthalene
Concen: 0.083 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.010 min
Lab File: VV030230.D
Acq: 17 Mar 2023 11:32

Tgt Ion:128 Resp: 1233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 8.6 | 13.0# |
| 127 | 19.2 | 10.4 | 15.6# |