Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022823\
Data File : VV030096.D
Acq On : 28 Feb 2023 13:52
Operator : SY/MD
Sample : 01729-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Quant Time: Mar 01 00:06:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 01 00:04:57 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.545 | 114 | 181077 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.792 | 117 | 172719 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 90578 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.281 | 65 | 54734 | 4.671 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.400% | | | |
| 7) Chloroethane-d5 | 1.539 | 69 | 54336 | 4.940 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.066 | 63 | 85411 | 3.546 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.000% | | | |
| 20) 2-Butanone-d5 | 3.822 | 46 | 109916 | 50.883 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.760% | | | |
| 24) Chloroform-d | 4.262 | 84 | 117761 | 4.920 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.957 | 65 | 51634 | 5.285 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 105.600% | | | |
| 32) Benzene-d6 | 4.973 | 84 | 230605 | 4.962 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.998 | 67 | 71287 | 5.099 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.000% | | | |
| 41) Toluene-d8 | 7.252 | 98 | 206510 | 4.688 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 24009 | 5.019 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 100.400% | | | |
| 46) 2-Hexanone-d5 | 8.034 | 63 | 106185 | 53.656 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.320% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84 | 51670 | 5.195 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 103.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.570 | 152 | 82370 | 5.375 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.220 | 50 | 3365 | 0.145 | ug/L | 97 |
| 15) Methyl Acetate | 2.150 | 43 | 2257 | 0.605 | ug/L # | 50 |
| 25) Chloroform | 4.288 | 83 | 18628 | 0.832 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 4.973 | 62 | 1135 | 0.097 | ug/L # | 71 |
| 35) Methylcyclohexane | 5.998 | 83 | 17419 | 0.871 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 5.998 | 63 | 7053 | 0.588 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 6.924 | 75 | 1577 | 0.090 | ug/L # | 71 |
| 48) 2-Hexanone | 8.034 | 43 | 10442 | 2.945 | ug/L # | 62 |
| 61) 1,2,3-Trichloropropane | 11.194 | 75 | 9186 | 1.515 | ug/L # | 66 |

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

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Quant Title : TRACE VOA SFAM1.0
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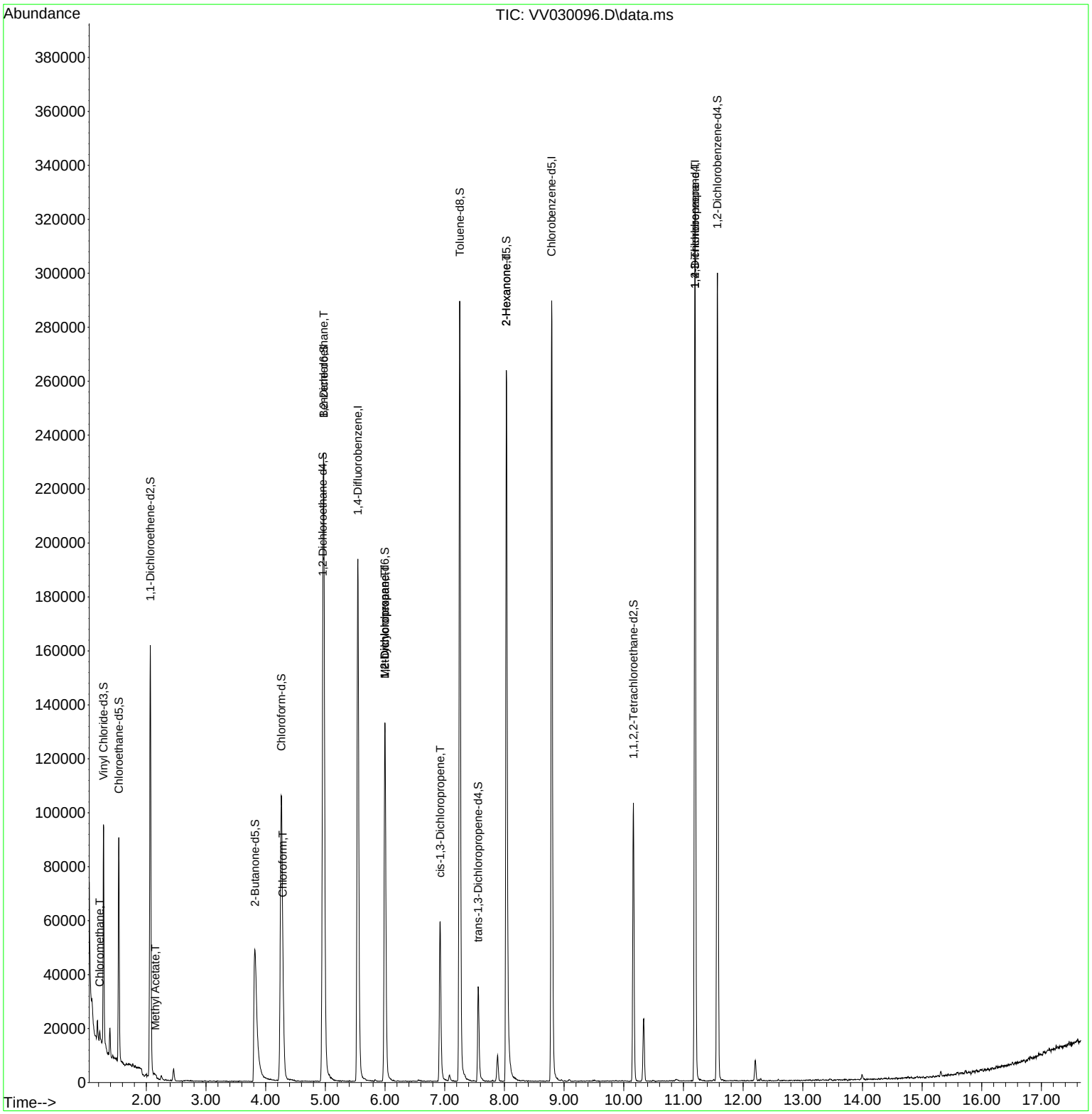
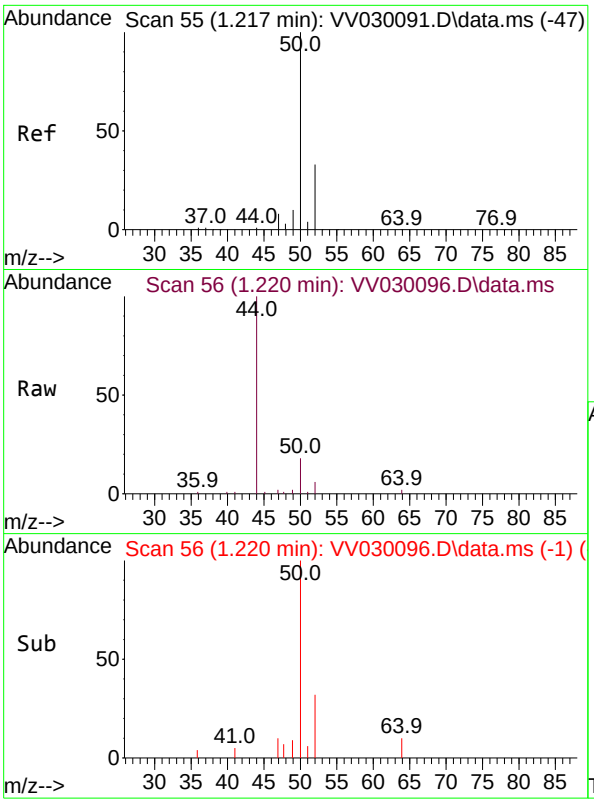
Response via : Initial Calibration



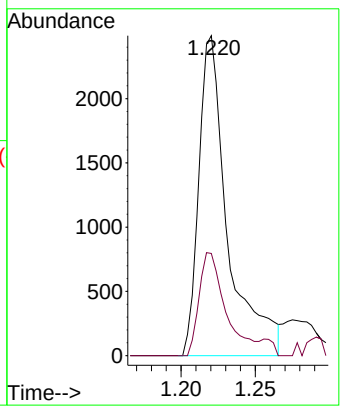


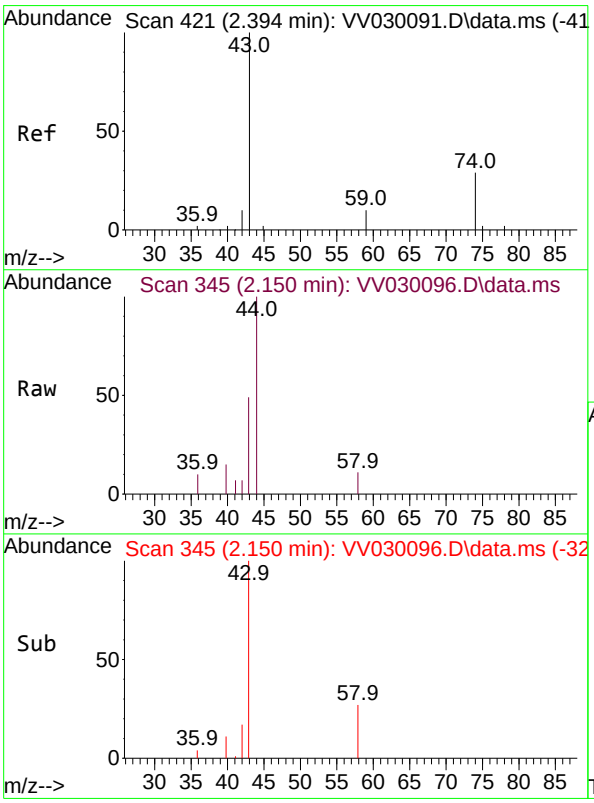

#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.220 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Tgt Ion: 50 Resp: 3365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.0 | 23.6 | 43.8 |

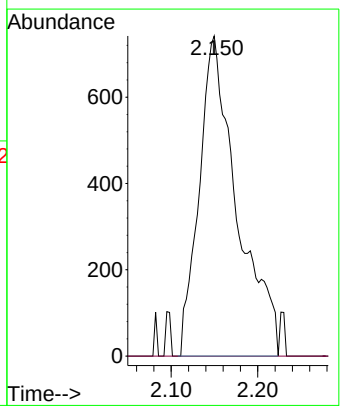


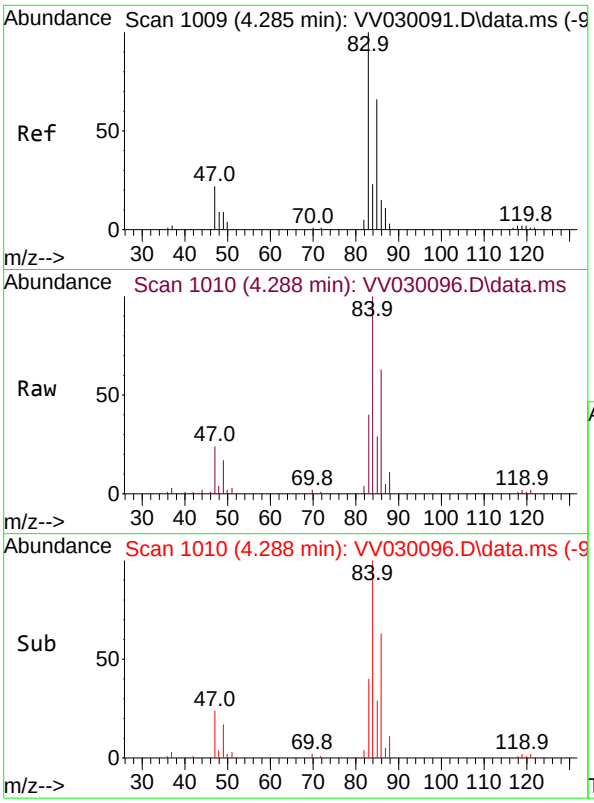




#15
Methyl Acetate
Concen: 0.605 ug/L
RT: 2.150 min Scan# 345
Delta R.T. -0.244 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

Tgt Ion: 43 Resp: 2257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 20.1 | 30.1# |



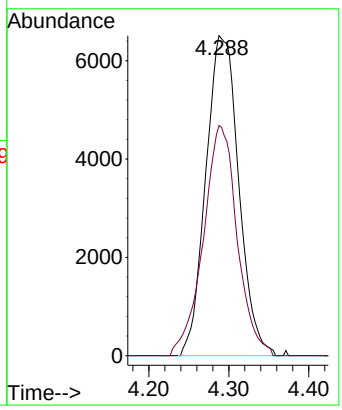


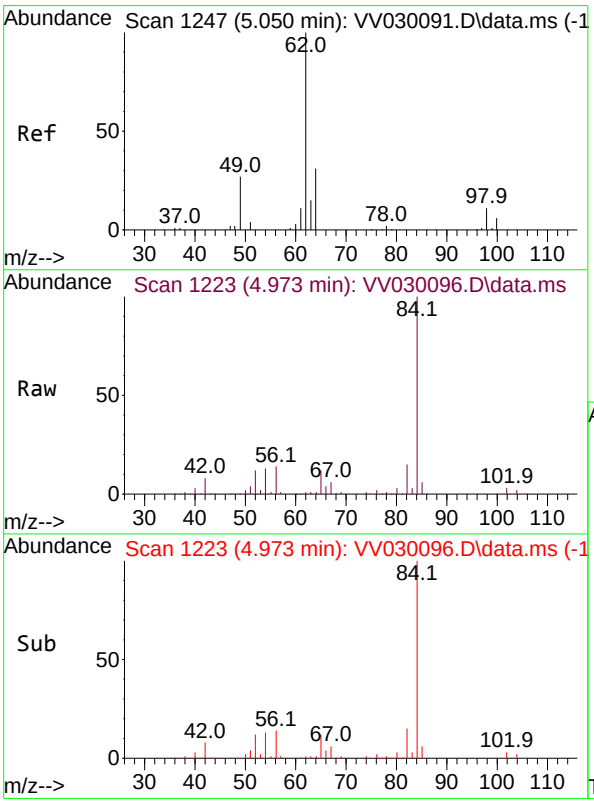

#25
Chloroform
Concen: 0.832 ug/L
RT: 4.288 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Tgt Ion: 83 Resp: 18628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.9 | 46.5 | 86.5 |

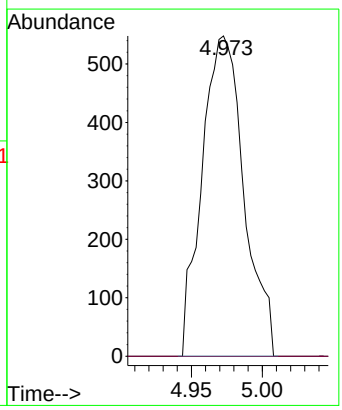


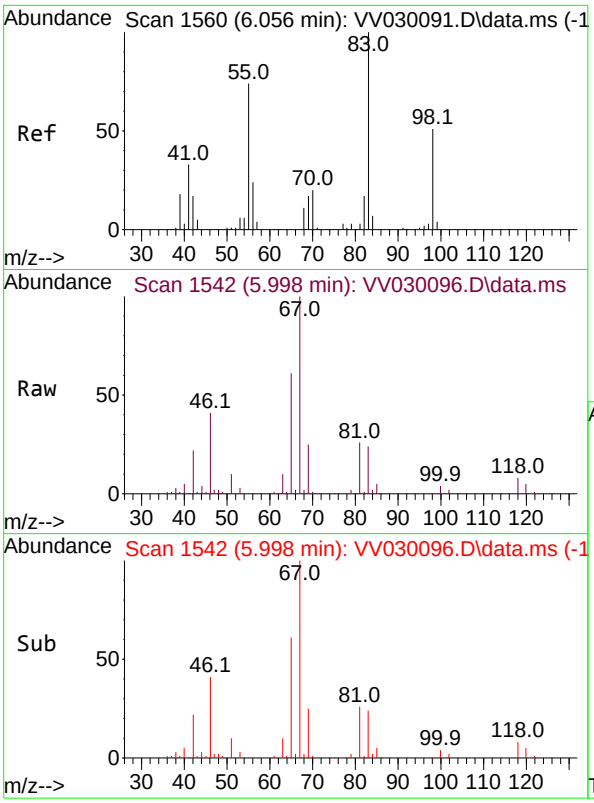




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 4.973 min Scan# 1223
Delta R.T. -0.077 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

Tgt Ion: 62 Resp: 1135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 9.0 | 13.4# |



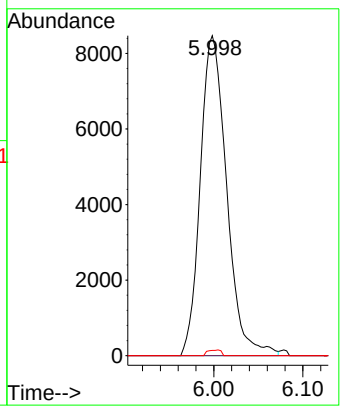


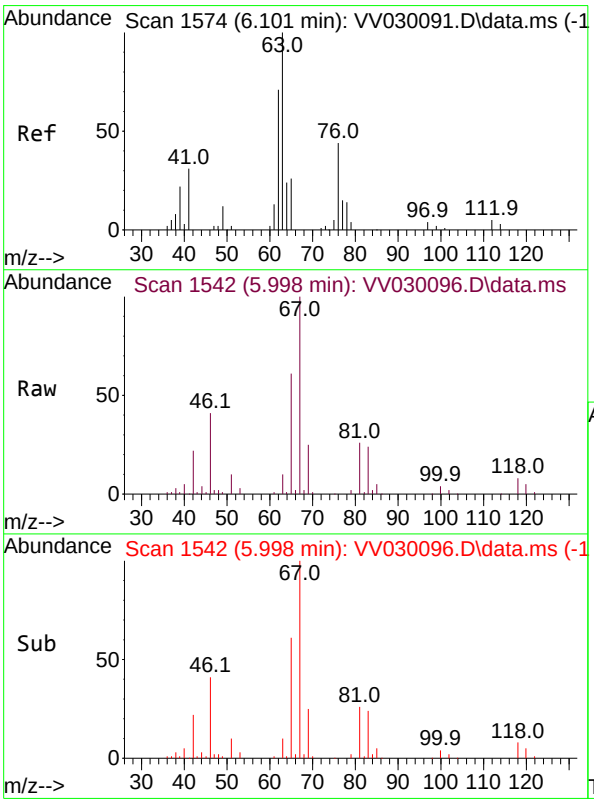

#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 5.998 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Tgt Ion: 83 Resp: 17419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.6 | 86.4# |
| 98 | 0.9 | 38.8 | 58.2# |

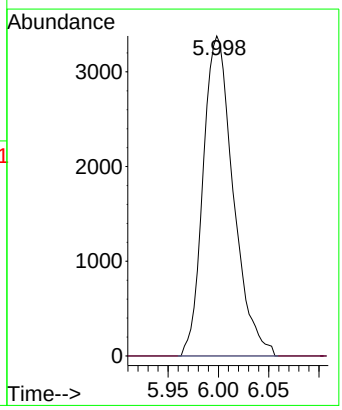


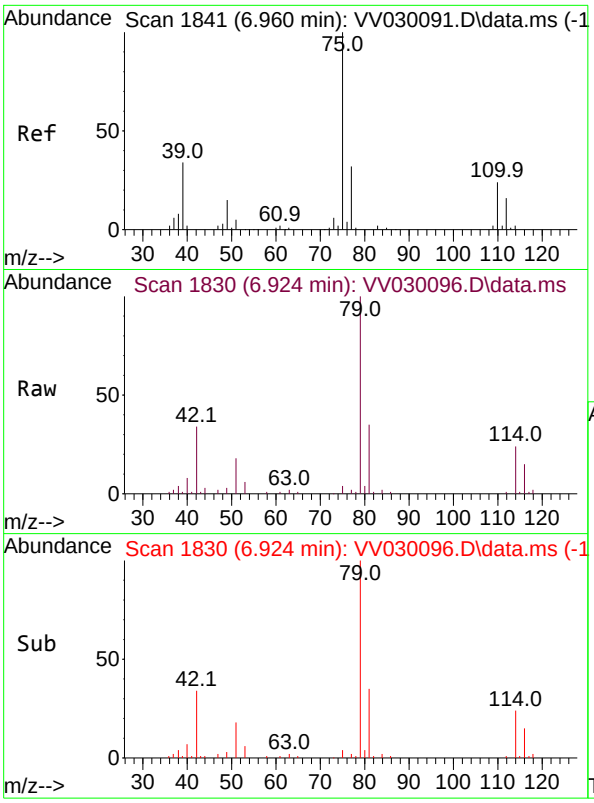




#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

Tgt Ion: 63 Resp: 7053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.8 | 5.6# |



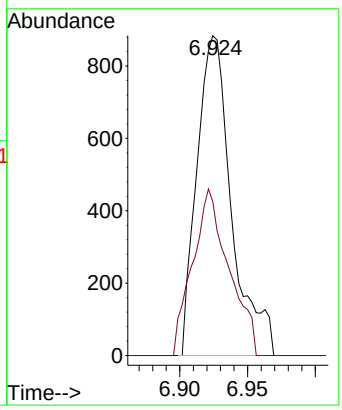


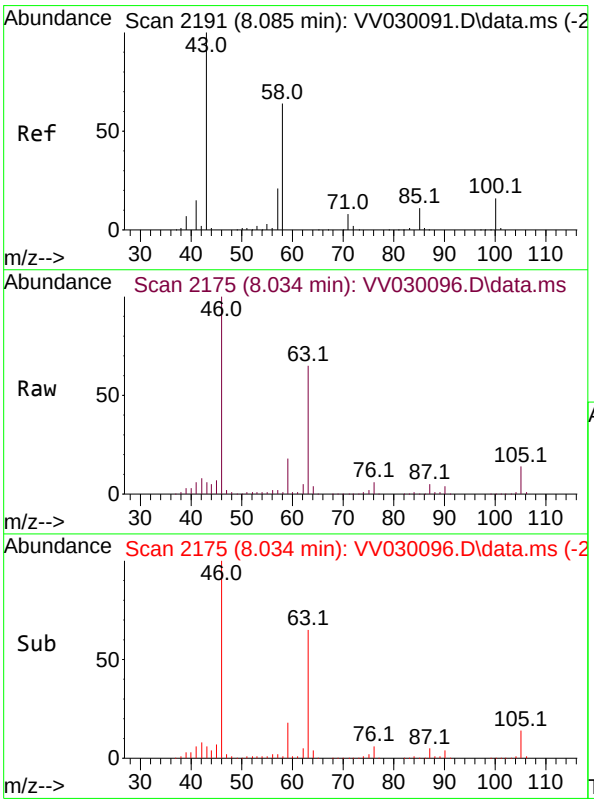

#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.924 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Tgt Ion: 75 Resp: 1577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.2 | 22.3 | 41.3# |

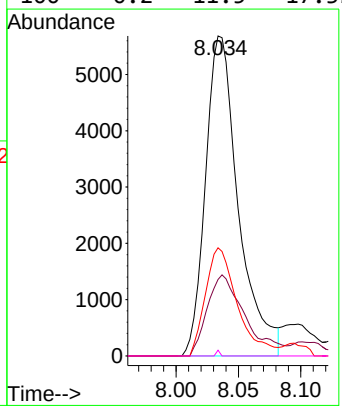


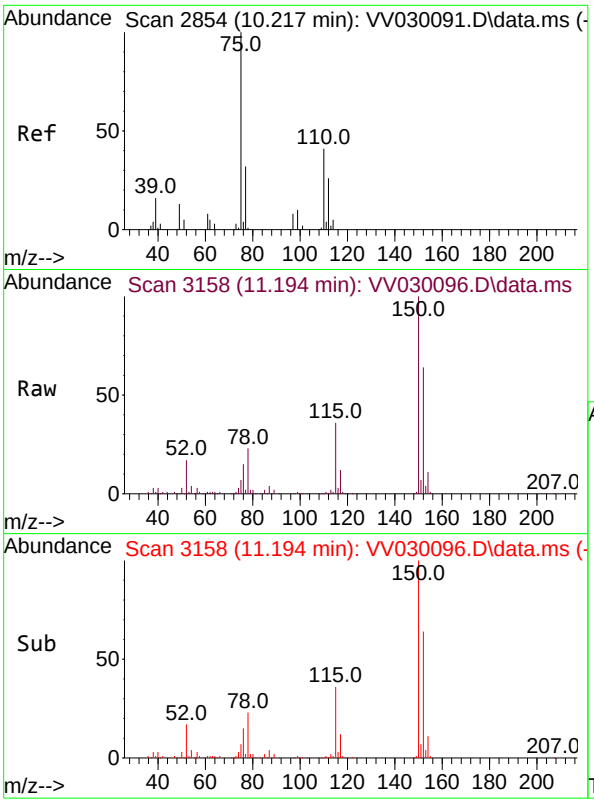




#48
2-Hexanone
Concen: 2.945 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.052 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

Tgt Ion: 43 Resp: 10442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.4 | 49.8 | 74.8# |
| 57 | 32.9 | 16.6 | 24.8# |
| 100 | 0.2 | 11.5 | 17.3# |






#61
1,2,3-Trichloropropane
Concen: 1.515 ug/L
RT: 11.194 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV030096.D
Acq: 28 Feb 2023 13:52

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BY6

Tgt Ion: 75 Resp: 9186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.7 | 26.5 | 39.7 |
| 110 | 2.4 | 31.8 | 47.6# |