Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012723\
Data File : VV029978.D
Acq On : 27 Jan 2023 14:34
Operator : SY/MD
Sample : 01295-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 28 02:24:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 28 02:00:30 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.603 | 114 | 227358 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.841 | 117 | 211476 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.236 | 152 | 106848 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 86260 | 5.002 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.000% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 78335 | 5.480 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 109.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.101 | 63 | 115219 | 3.665 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.400% | | | |
| 20) 2-Butanone-d5 | 3.879 | 46 | 152684 | 49.953 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.900% | | | |
| 24) Chloroform-d | 4.330 | 84 | 144804 | 4.578 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.018 | 65 | 62032 | 4.630 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.600% | | | |
| 32) Benzene-d6 | 5.037 | 84 | 306555 | 4.887 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.056 | 67 | 95027 | 5.176 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.600% | | | |
| 41) Toluene-d8 | 7.304 | 98 | 250857 | 4.319 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.609 | 79 | 29884 | 4.457 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.200% | | | |
| 46) 2-Hexanone-d5 | 8.079 | 63 | 130258 | 47.719 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.440% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84 | 61889 | 4.600 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.609 | 152 | 89901 | 4.628 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 92.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.243 | 50 | 2400 | 0.108 | ug/L | 92 |
| 13) Acetone | 2.175 | 43 | 3324 | 1.524 | ug/L | 98 |
| 16) Methylene chloride | 2.497 | 84 | 5946 | 0.247 | ug/L | 95 |
| 35) Methylcyclohexane | 6.056 | 83 | 21716 | 0.726 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.053 | 63 | 9787 | 0.598 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 6.979 | 75 | 1857 | 0.085 | ug/L # | 57 |
| 48) 2-Hexanone | 8.079 | 43 | 14130 | 2.829 | ug/L # | 64 |
| 61) 1,2,3-Trichloropropane | 11.233 | 75 | 13057 | 1.650 | ug/L # | 62 |

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

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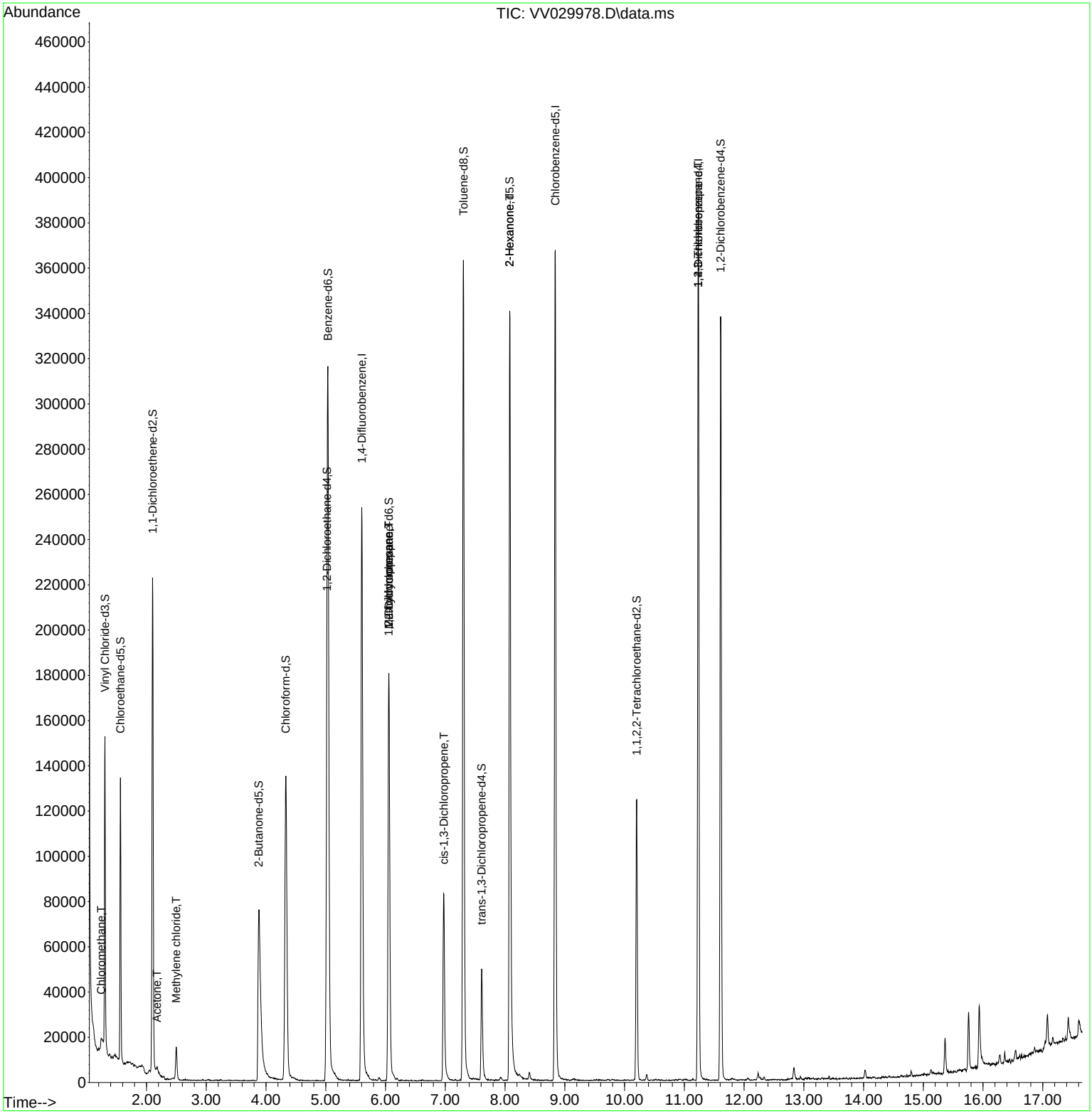
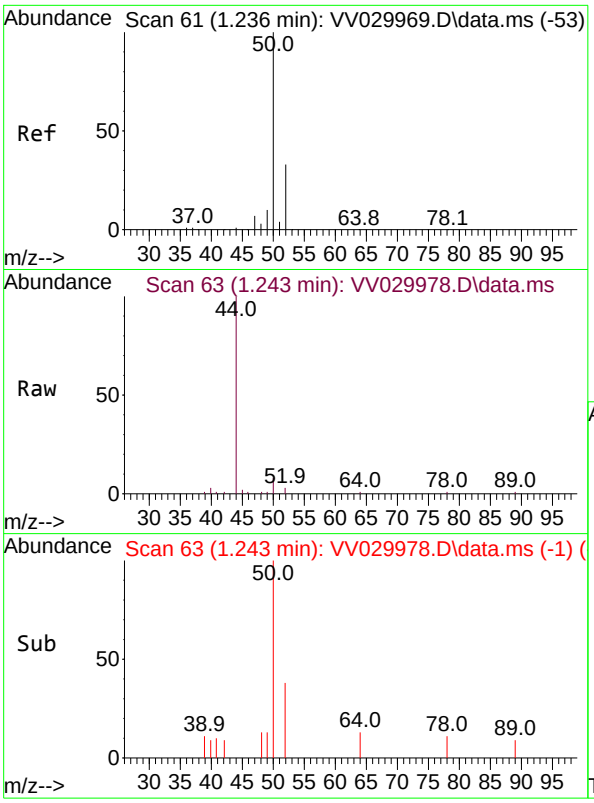
Operator : SY/MD
Sample : 01295-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 28 02:24:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 28 02:00:30 2023
Response via : Initial Calibration



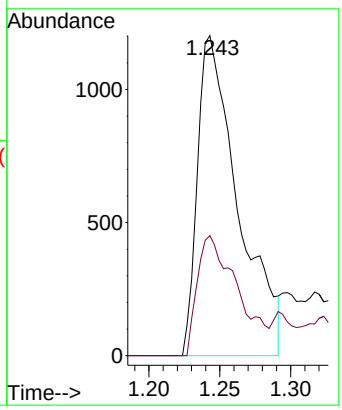


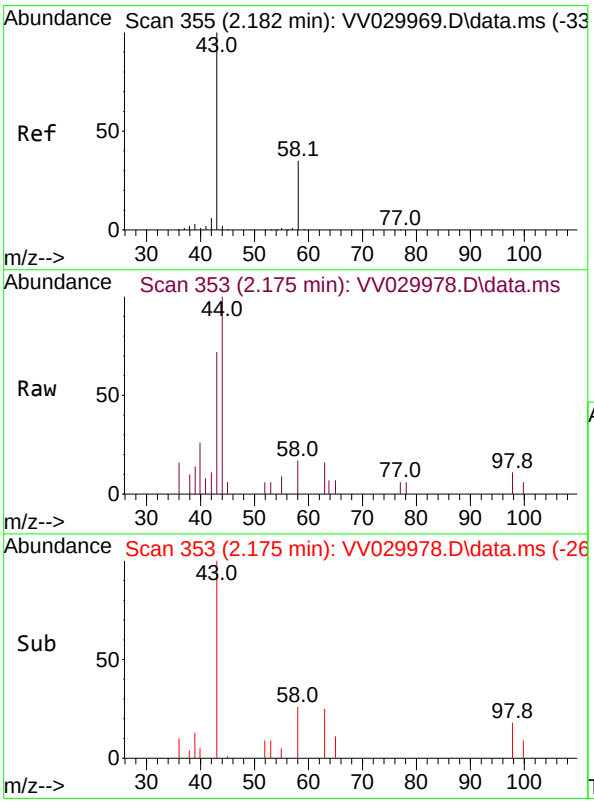

#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

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

Tgt Ion: 50 Resp: 2400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 37.5 | 23.1 | 42.9 |

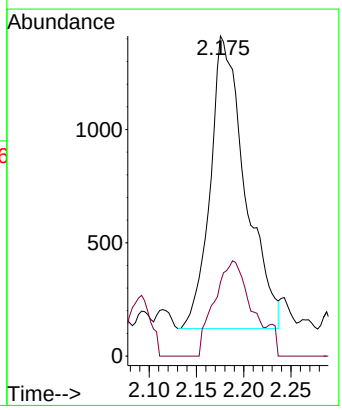


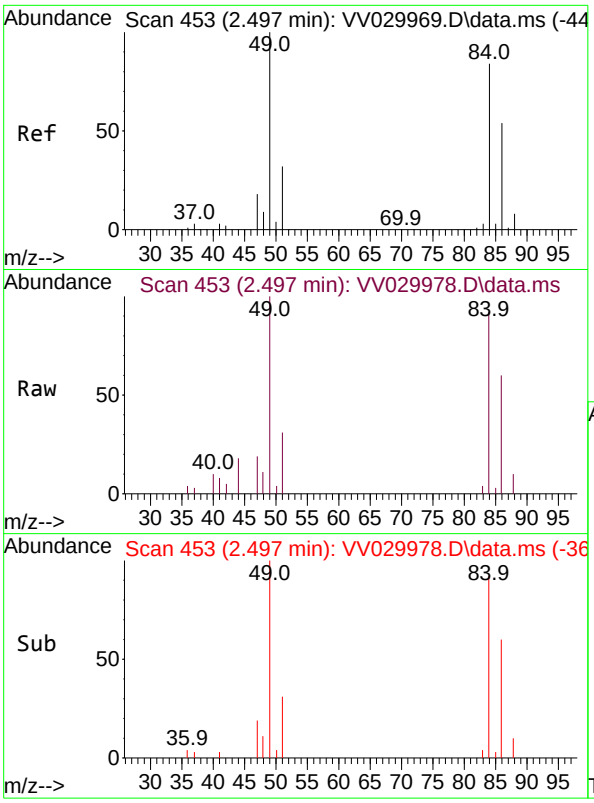




#13
Acetone
Concen: 1.524 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.006 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

Tgt Ion: 43 Resp: 3324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.4 | 0.0 | 68.8 |



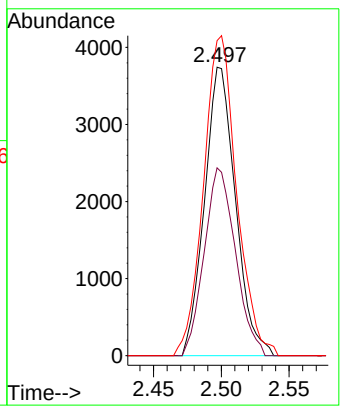


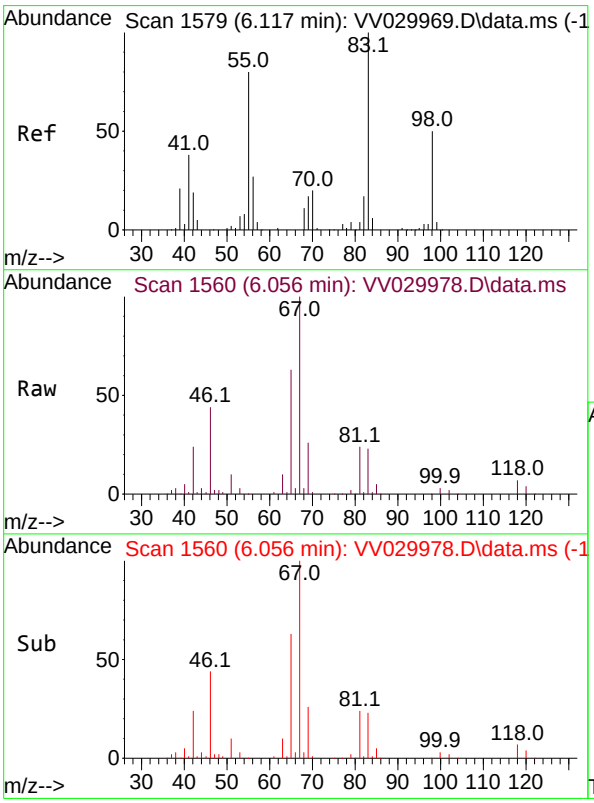

#16
Methylene chloride
Concen: 0.247 ug/L
RT: 2.497 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

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

Tgt Ion: 84 Resp: 5946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 65.1 | 45.0 | 83.6 |
| 49 | 109.2 | 71.5 | 132.7 |

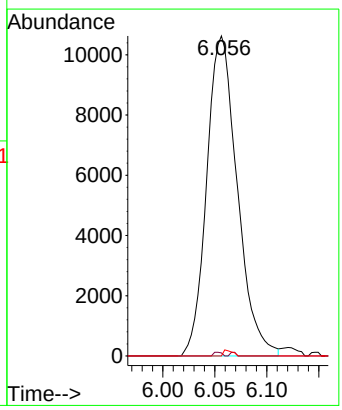


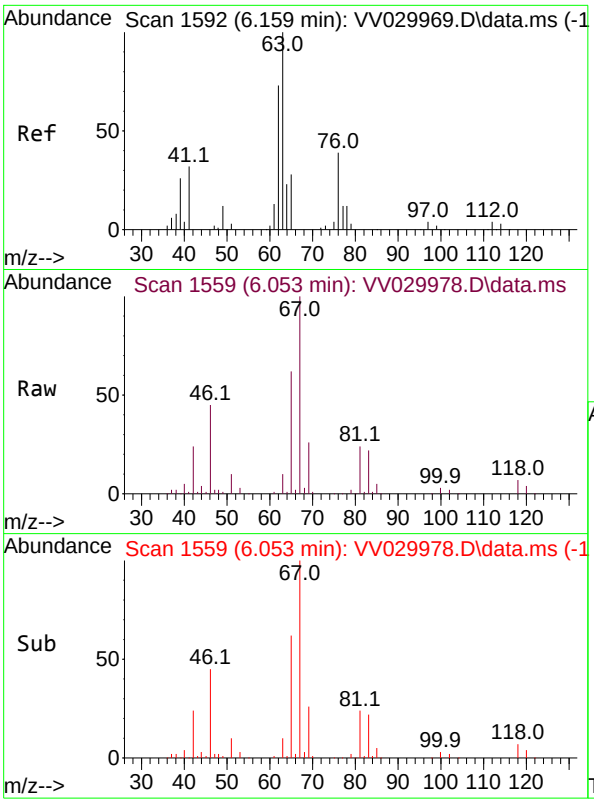




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.061 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

Tgt Ion: 83 Resp: 21716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 57.3 | 85.9# |
| 98 | 0.5 | 39.0 | 58.6# |



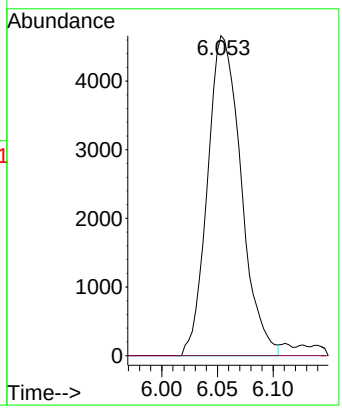


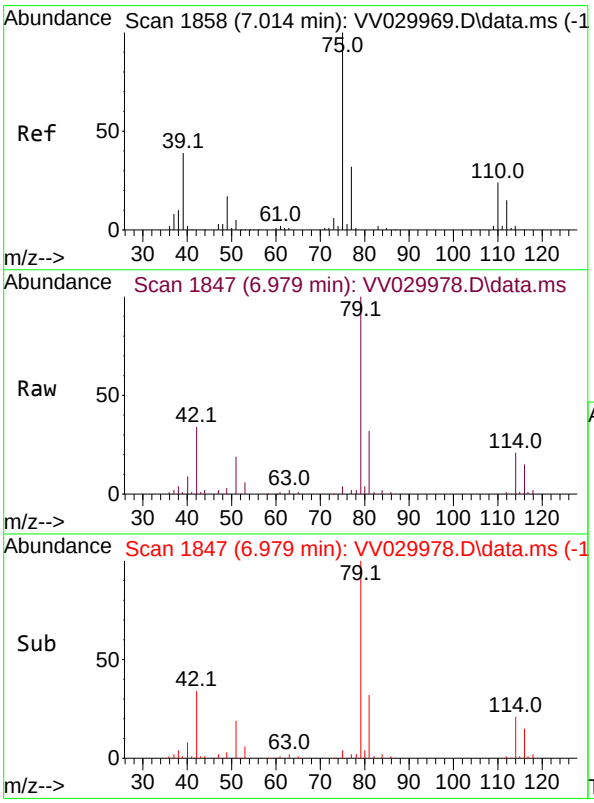

#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.053 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

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

Tgt Ion: 63 Resp: 9787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.9 | 5.9# |

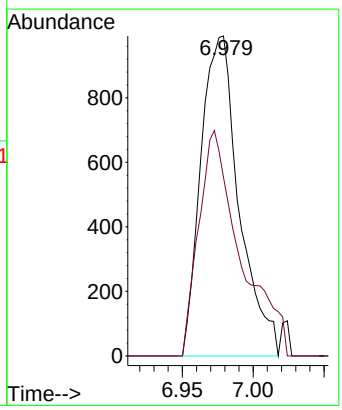


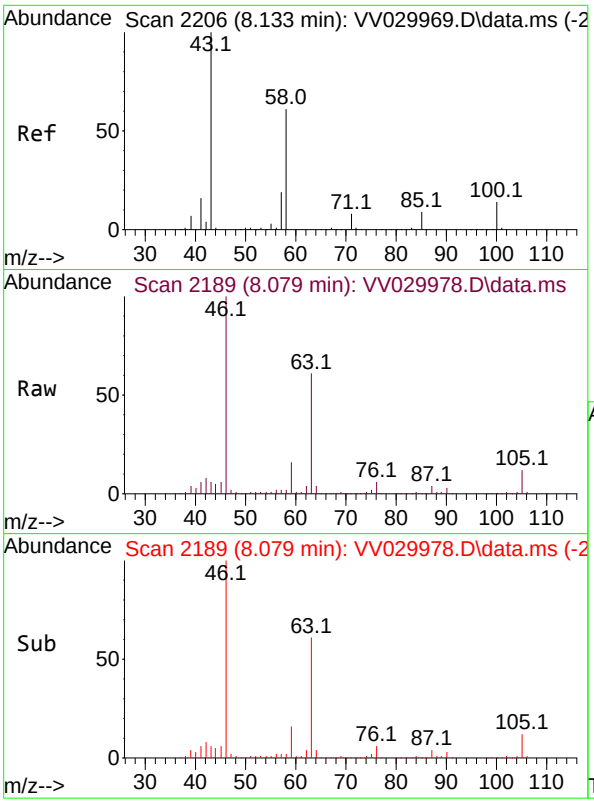




#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.035 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

Tgt Ion: 75 Resp: 1857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 55.8 | 22.4 | 41.6# |



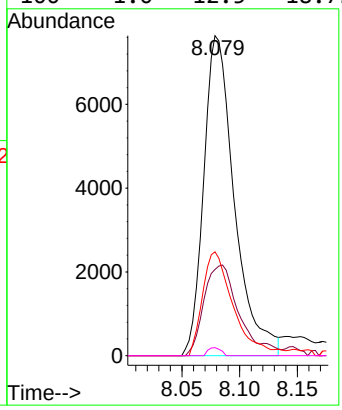


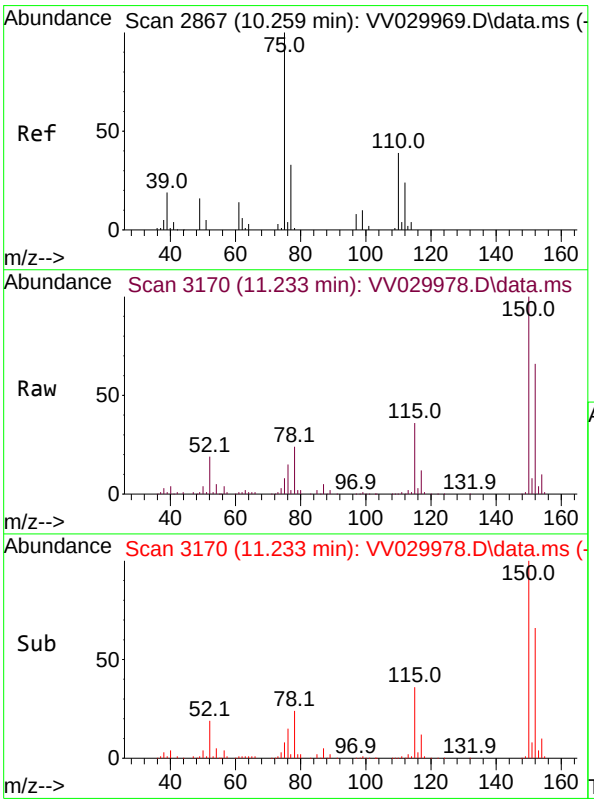

#48
2-Hexanone
Concen: 2.829 ug/L
RT: 8.079 min Scan# 2
Delta R.T. -0.055 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

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

Tgt Ion: 43 Resp: 14130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 51.4 | 77.2# |
| 57 | 32.7 | 17.0 | 25.6# |
| 100 | 1.0 | 12.5 | 18.7# |




#61
1,2,3-Trichloropropane
Concen: 1.650 ug/L
RT: 11.233 min Scan# 3170
Delta R.T. 0.974 min
Lab File: VV029978.D
Acq: 27 Jan 2023 14:34

Tgt Ion: 75 Resp: 13057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.9 | 26.5 | 39.7 |
| 110 | 1.9 | 31.8 | 47.8# |