Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
Data File : VX030489.D
Acq On : 07 Aug 2022 01:42
Operator : JC/MD
Sample : N4021-17RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Aug 07 05:47:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 284445 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 259161 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 113991 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 73829 | 40.418 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 80.840% | | | |
| 7) Chloroethane-d5 | 1.666 | 69 | 58331 | 45.299 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.306 | 63 | 124225 | 35.952 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 71.900% | | | |
| 21) 2-Butanone-d5 | 4.471 | 46 | 163338 | 96.508 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.510% | | | |
| 24) Chloroform-d | 5.068 | 84 | 165080 | 43.902 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.964 | 65 | 116047 | 45.451 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.900% | | | |
| 32) Benzene-d6 | 5.983 | 84 | 323299 | 43.550 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.100% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 107489 | 44.628 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 89.260% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 291511 | 41.659 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 83.320% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 42480 | 35.453 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 70.900% | | | |
| 47) 2-Hexanone-d5 | 9.391 | 63 | 109754 | 89.400 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 89.400% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 141926 | 44.856 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.720% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 95961 | 43.402 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.374 | 62 | 54055 | 27.497 | ug/L | 97 |
| 8) Chloroethane | 1.685 | 64 | 8483 | 7.576 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 2347 | 1.474 | ug/L # | 1 |
| 17) trans-1,2-Dichloroethene | 3.093 | 96 | 7206 | 3.907 | ug/L | 93 |
| 20) cis-1,2-Dichloroethene | 4.495 | 96 | 353647 | 170.446 | ug/L | 98 |
| 34) Trichloroethene | 7.135 | 95 | 65705 | 27.302 | ug/L | 91 |
| 46) Tetrachloroethene | 9.275 | 164 | 24561 | 16.149 | ug/L | 94 |
| 49) Dibromochloromethane | 9.275 | 129 | 26153 | 11.966 | ug/L # | 10 |
| 61) 1,2,3-Trichloropropane | 12.024 | 75 | 15229 | 6.221 | ug/L # | 66 |

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

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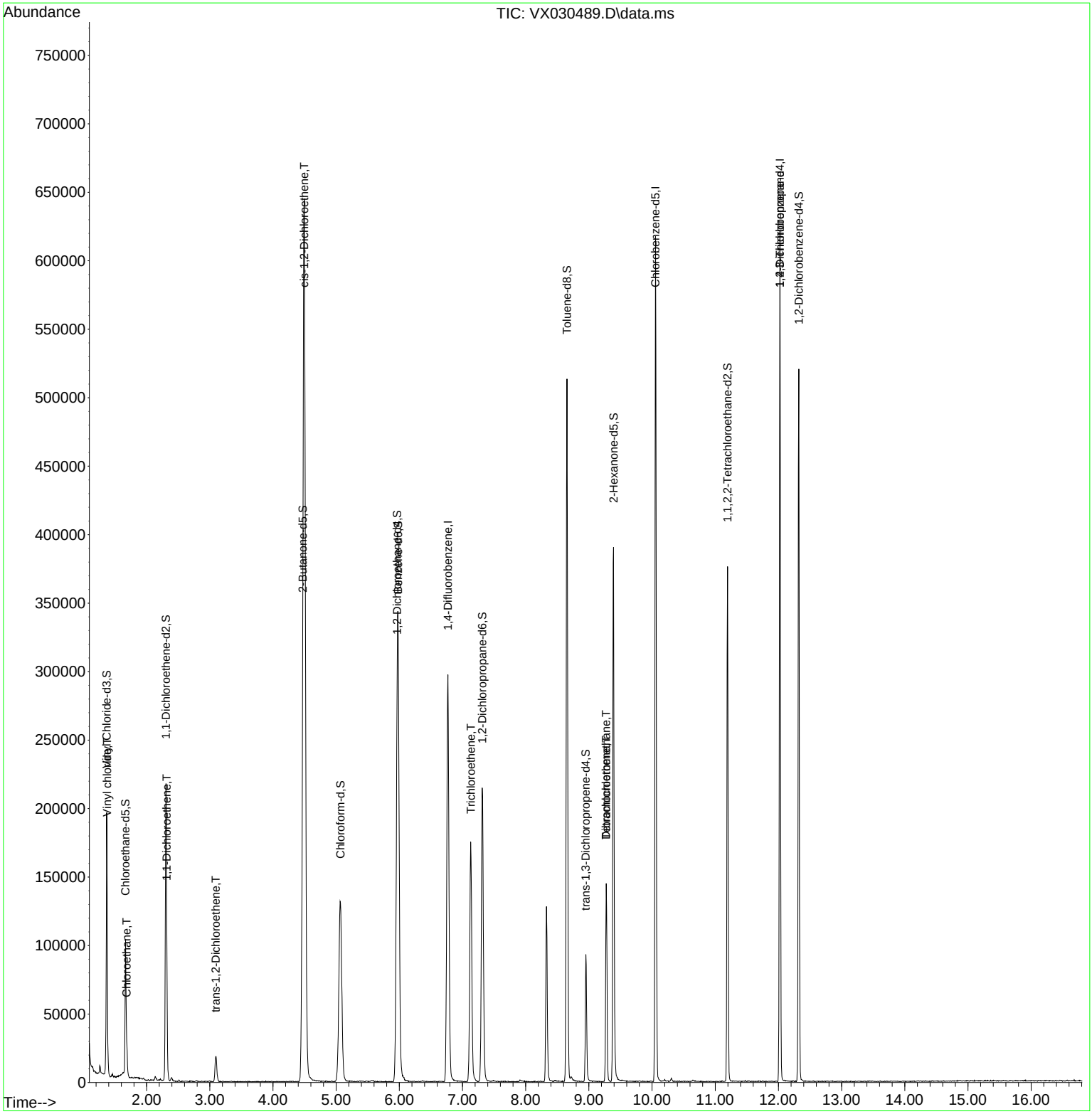
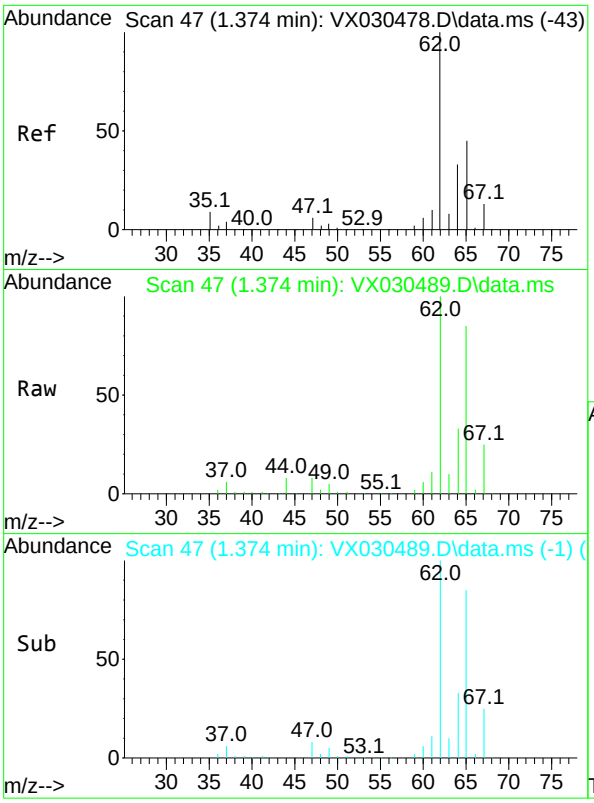
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Aug 07 05:47:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration



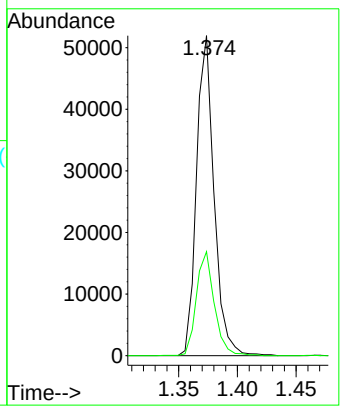


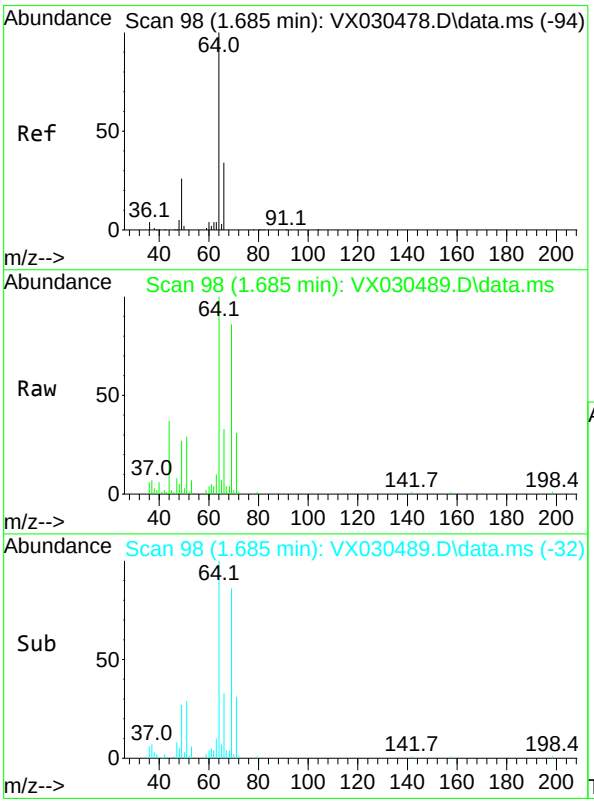

#5
Vinyl chloride
Concen: 27.497 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 62 Resp: 54055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.5 | 23.8 | 44.2 |

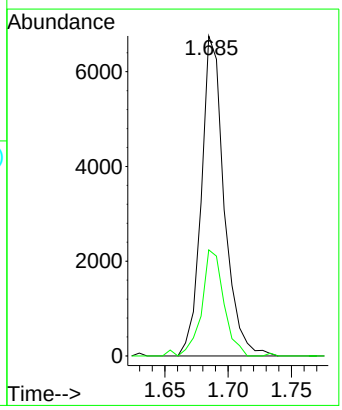


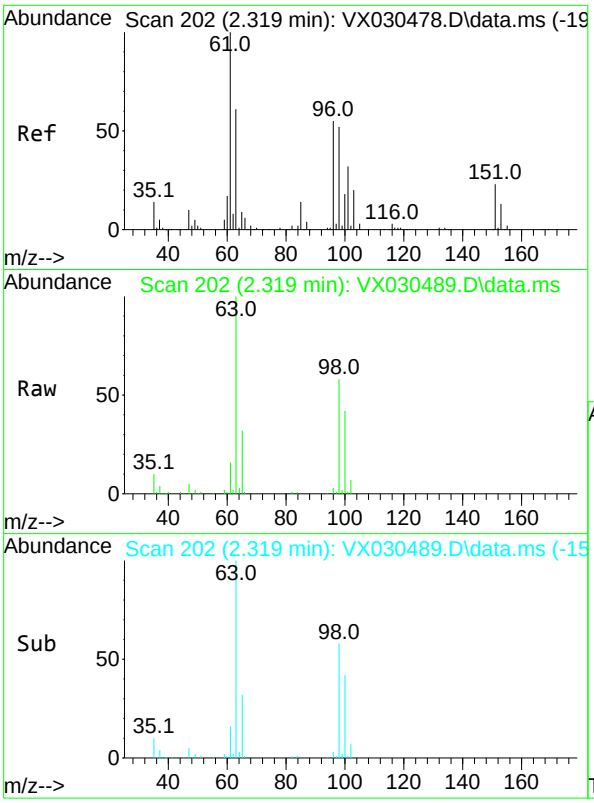




#8
Chloroethane
Concen: 7.576 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

Tgt Ion: 64 Resp: 8483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.2 | 22.1 | 41.1 |



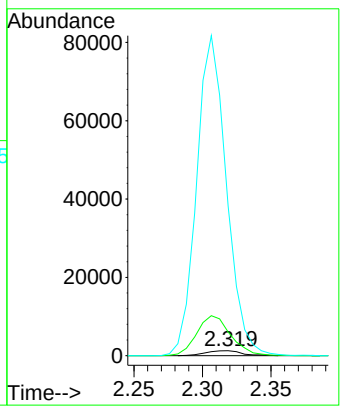


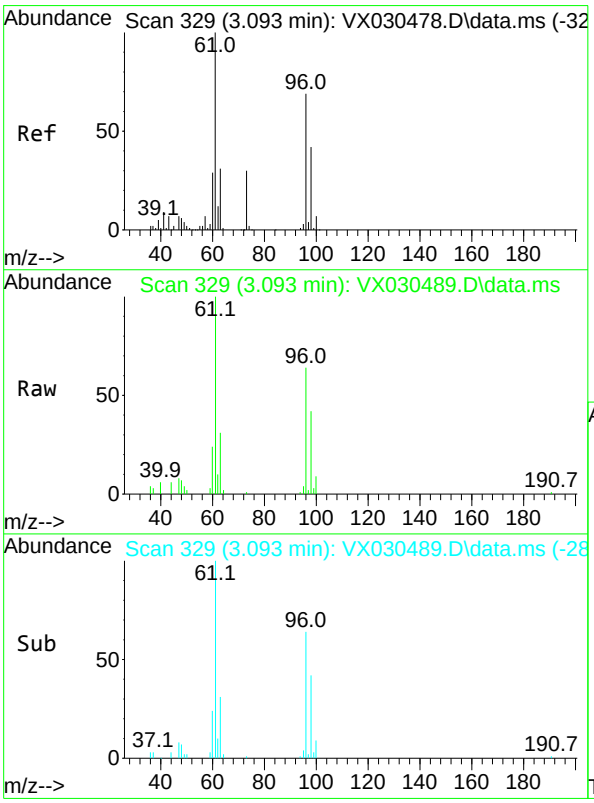

#12
1,1-Dichloroethene
Concen: 1.474 ug/L
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 96 Resp: 2347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 473.7 | 130.2 | 241.8# |
| 63 | 3000.5 | 113.5 | 210.9# |

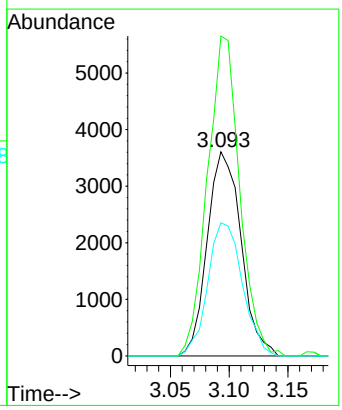


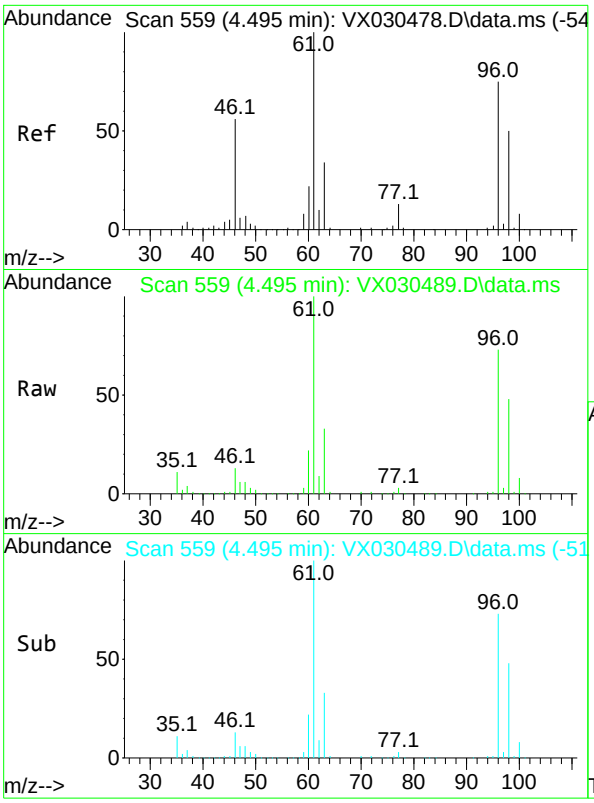




#17
trans-1,2-Dichloroethene
Concen: 3.907 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

Tgt Ion: 96 Resp: 7206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.7 | 103.7 | 192.5 |
| 98 | 65.3 | 41.5 | 77.1 |



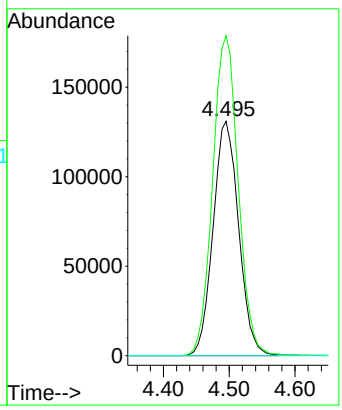


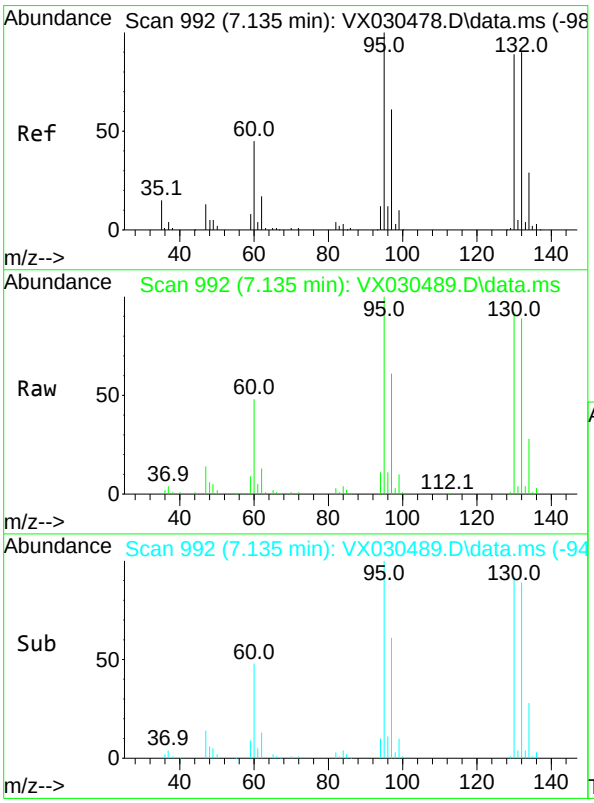

#20
cis-1,2-Dichloroethene
Concen: 170.446 ug/L
RT: 4.495 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 96 Resp: 353647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.5 | 94.0 | 174.6 |
| 68 | 0.0 | 0.0 | 0.0 |

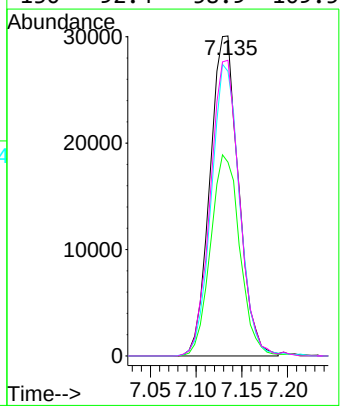


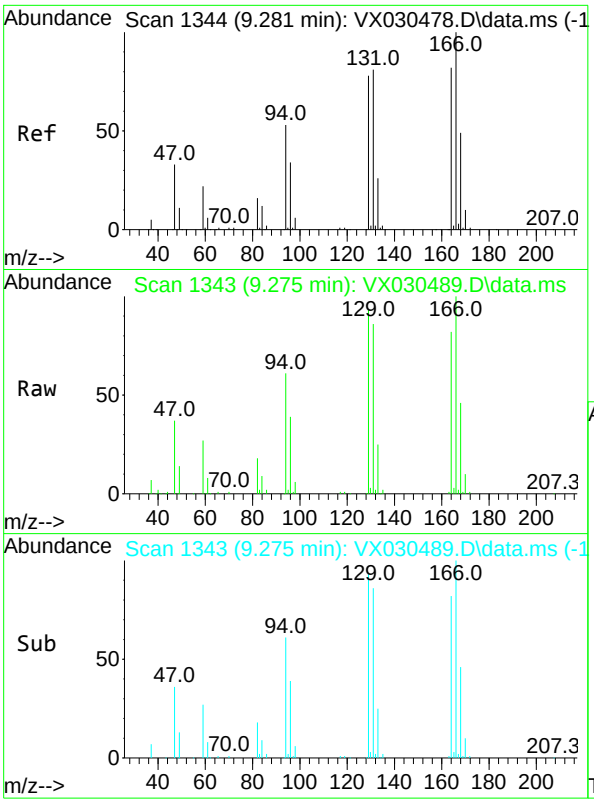




#34
Trichloroethene
Concen: 27.302 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

Tgt Ion: 95 Resp: 65705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.5 | 40.2 | 74.6 |
| 132 | 89.0 | 55.3 | 102.7 |
| 130 | 92.4 | 58.9 | 109.5 |



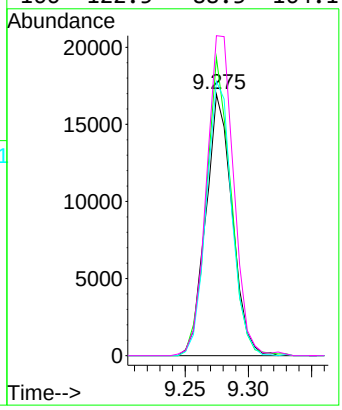


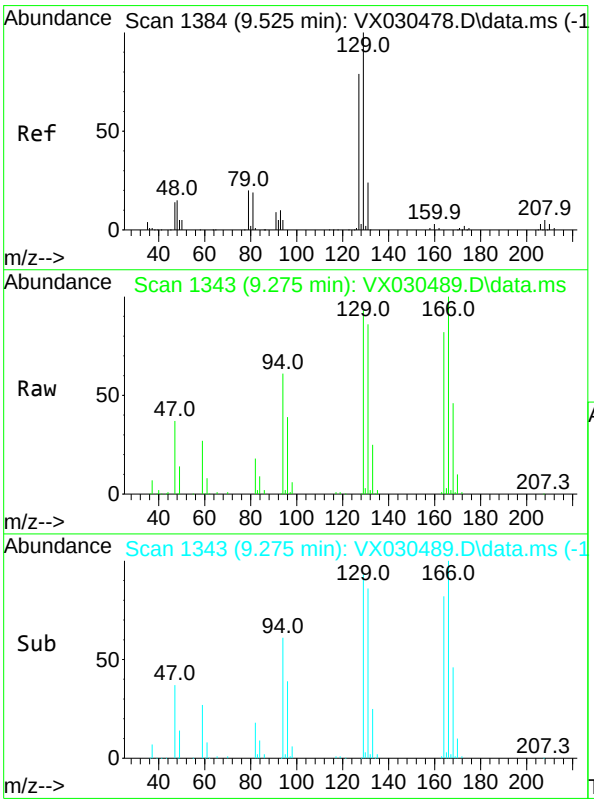

#46
Tetrachloroethene
Concen: 16.149 ug/L
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:164 Resp: 24561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 114.1 | 72.7 | 135.1 |
| 131 | 105.0 | 69.9 | 129.9 |
| 166 | 122.5 | 88.3 | 164.1 |

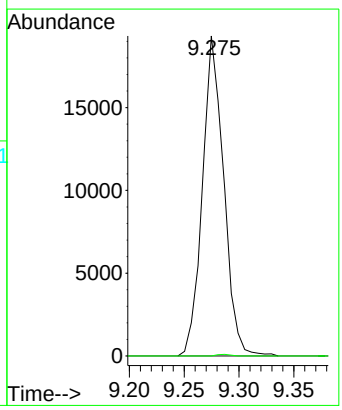


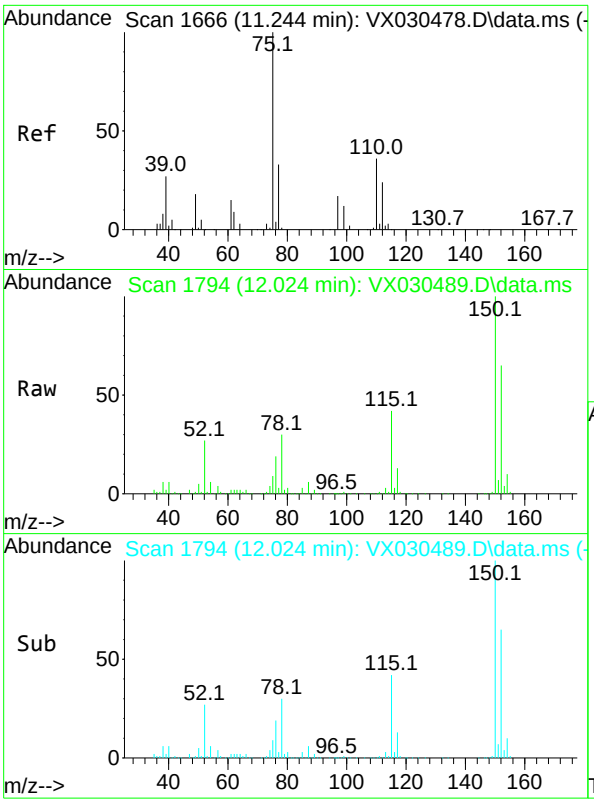




#49
Dibromochloromethane
Concen: 11.966 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

Tgt Ion:129 Resp: 26153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 55.6 | 103.2# |






#61
1,2,3-Trichloropropane
Concen: 6.221 ug/L
RT: 12.024 min Scan# 1
Delta R.T. 0.780 min
Lab File: VX030489.D
Acq: 07 Aug 2022 01:42

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 15229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.5 | 26.1 | 39.1 |
| 110 | 3.1 | 30.5 | 45.7# |