Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
Data File : VX025701.D
Acq On : 10 Dec 2021 15:04
Operator : JC/MD
Sample : M4888-05ME
Misc : 4.76g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 10 23:33:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration

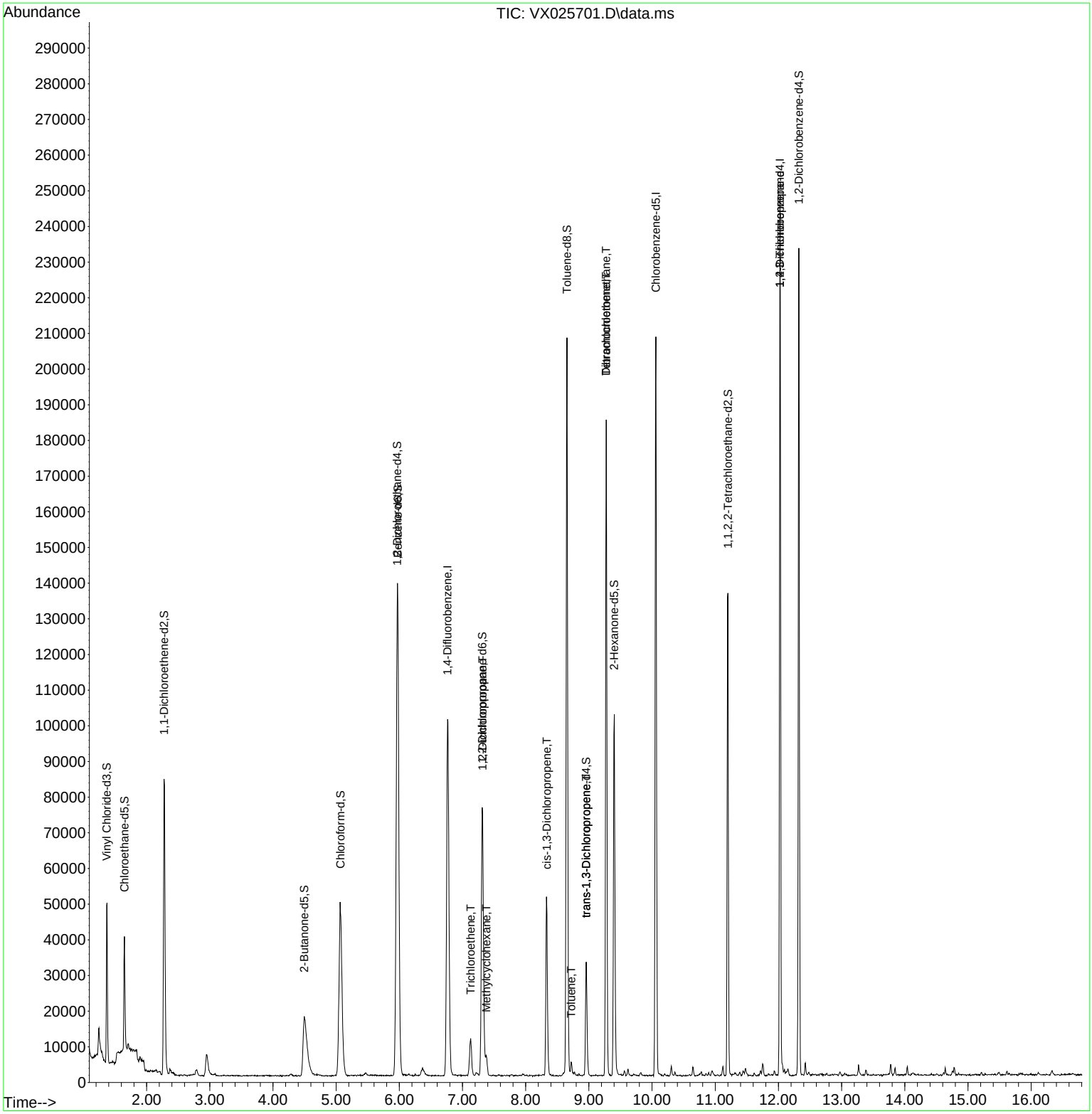
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.763 | 114 | 113609 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.061 | 117 | 102255 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 51081 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 31705 | 40.892 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 81.780% | | | |
| 7) Chloroethane-d5 | 1.648 | 69 | 19883 | 31.072 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 62.140%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.276 | 63 | 49051 | 39.678 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 79.360% | | | |
| 21) 2-Butanone-d5 | 4.495 | 46 | 47658 | 82.574 | ug/L | 0.04 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 82.570% | | | |
| 24) Chloroform-d | 5.068 | 84 | 60305 | 44.504 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.964 | 65 | 41665 | 49.330 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.660% | | | |
| 32) Benzene-d6 | 5.977 | 84 | 133838 | 49.385 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.780% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 39878 | 47.526 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.060% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 122017 | 47.700 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.958 | 79 | 17045 | 40.405 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 80.820% | | | |
| 47) 2-Hexanone-d5 | 9.403 | 63 | 33230 | 76.081 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 76.080% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201 | 84 | 53354 | 44.992 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.980% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 47408 | 47.319 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.640% | | | |
| Target Compounds | | | | | | Qvalue |
| 34) Trichloroethene | 7.129 | 95 | 3575 | 4.976 | ug/L | 90 |
| 35) Methylcyclohexane | 7.379 | 83 | 2260 | 1.998 | ug/L | 90 |
| 37) 1,2-Dichloropropane | 7.318 | 63 | 4455 | 6.502 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 8.336 | 75 | 1250 | 1.120 | ug/L # | 67 |
| 42) Toluene | 8.720 | 91 | 2709 | 0.899 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 8.958 | 75 | 797 | 0.743 | ug/L | 95 |
| 46) Tetrachloroethene | 9.275 | 164 | 34174 | 56.083 | ug/L | 98 |
| 49) Dibromochloromethane | 9.275 | 129 | 31327 | 37.380 | ug/L # | 12 |
| 61) 1,2,3-Trichloropropane | 12.024 | 75 | 5916 | 6.770 | ug/L # | 63 |

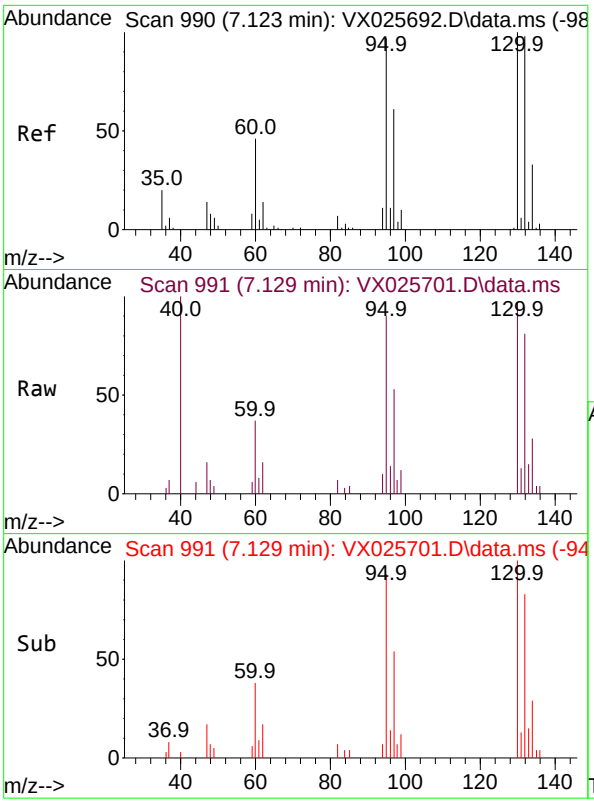
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
Data File : VX025701.D
Acq On : 10 Dec 2021 15:04
Operator : JC/MD
Sample : M4888-05ME
Misc : 4.76g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 10 23:33:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration



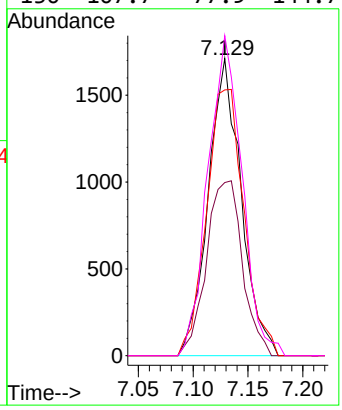


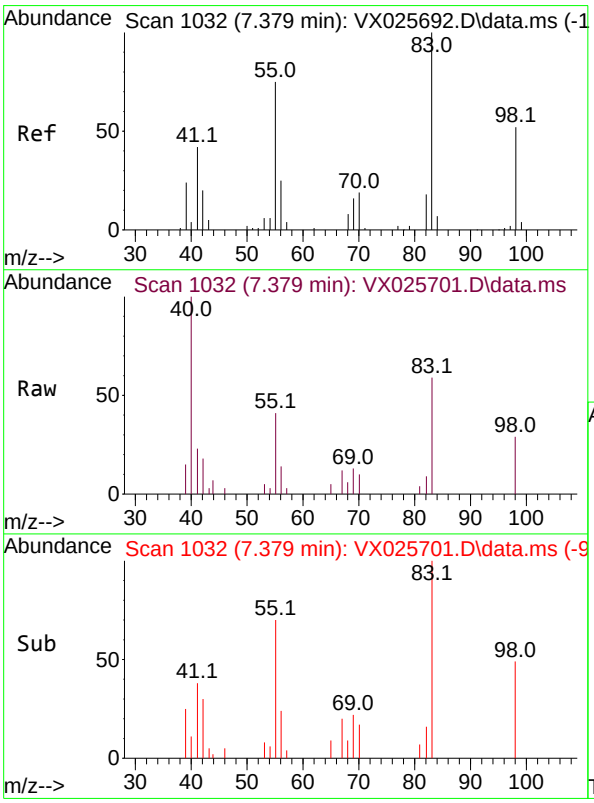

#34
Trichloroethene
Concen: 4.976 ug/L
RT: 7.129 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

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

Tgt Ion: 95 Resp: 3575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 58.3 | 46.0 | 85.4 |
| 132 | 89.5 | 75.0 | 139.2 |
| 130 | 107.7 | 77.9 | 144.7 |

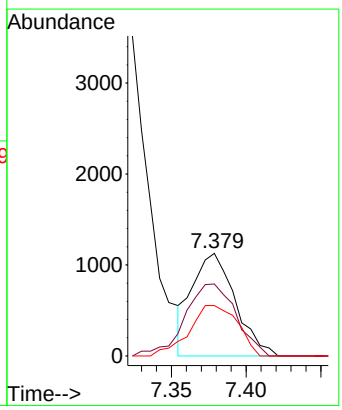


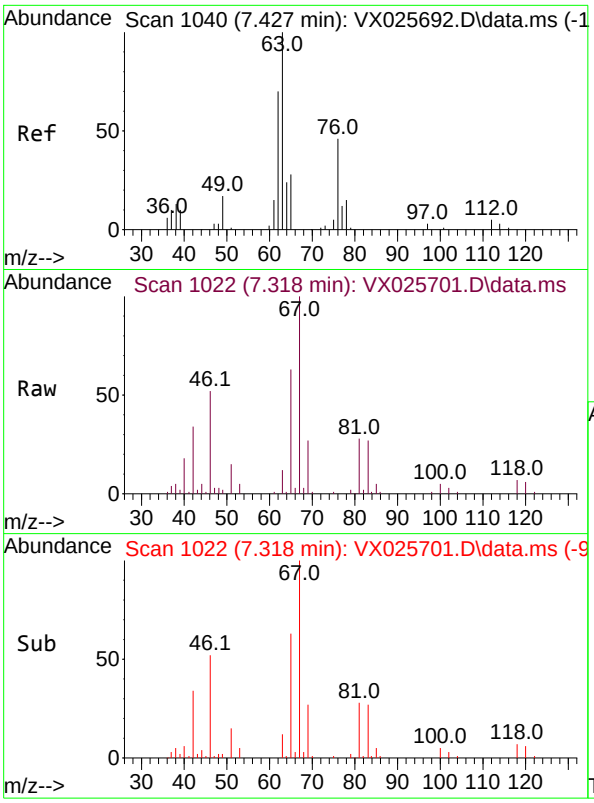




#35
Methylcyclohexane
Concen: 1.998 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

Tgt Ion: 83 Resp: 2260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.9 | 57.3 | 85.9 |
| 98 | 55.0 | 41.1 | 61.7 |



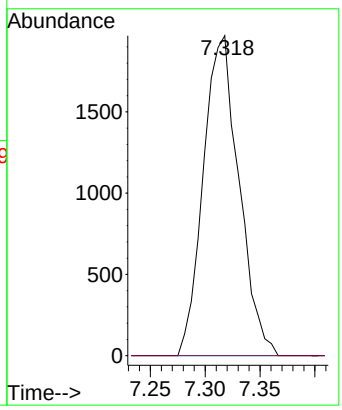


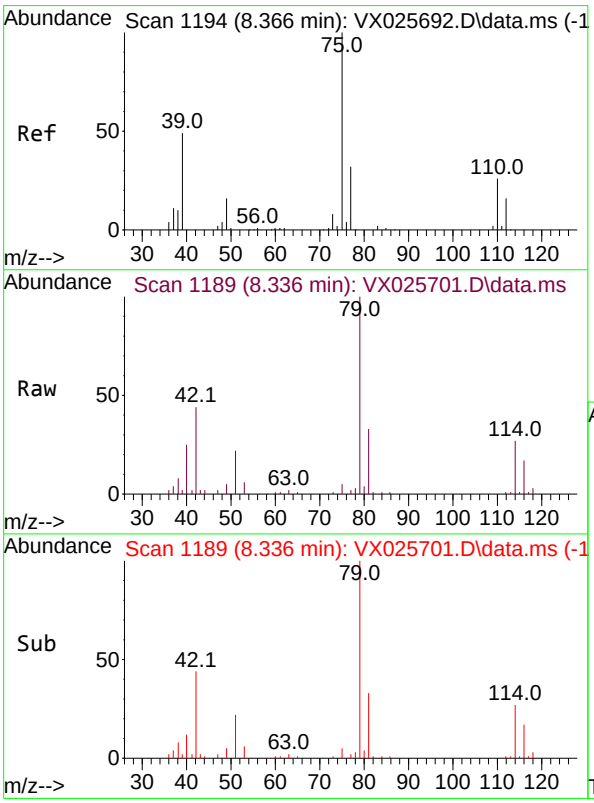

#37
1,2-Dichloropropane
Concen: 6.502 ug/L
RT: 7.318 min Scan# 1
Delta R.T. -0.110 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

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

Tgt Ion: 63 Resp: 4455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.0 | 6.0# |

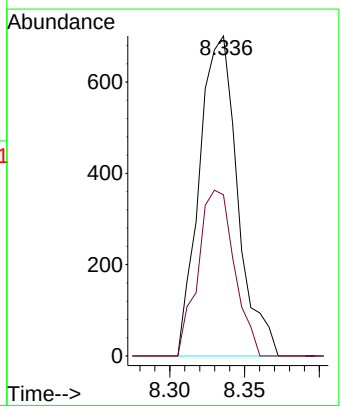


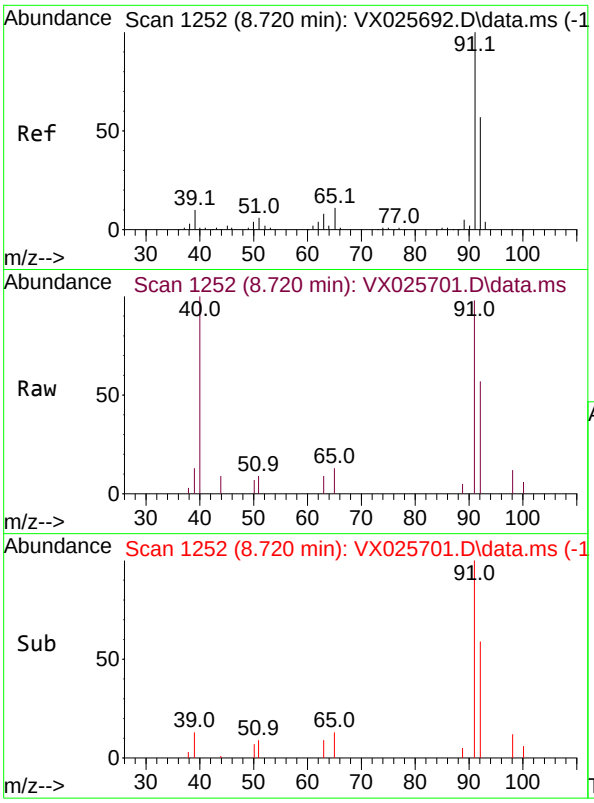




#39
cis-1,3-Dichloropropene
Concen: 1.120 ug/L
RT: 8.336 min Scan# 1189
Delta R.T. -0.030 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

Tgt Ion: 75 Resp: 1250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.4 | 22.3 | 41.3# |



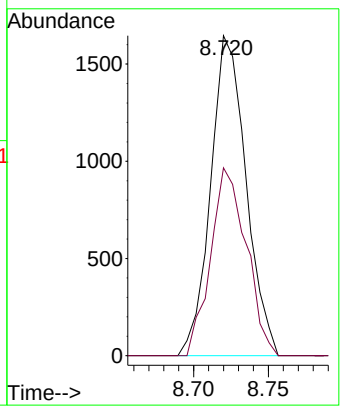


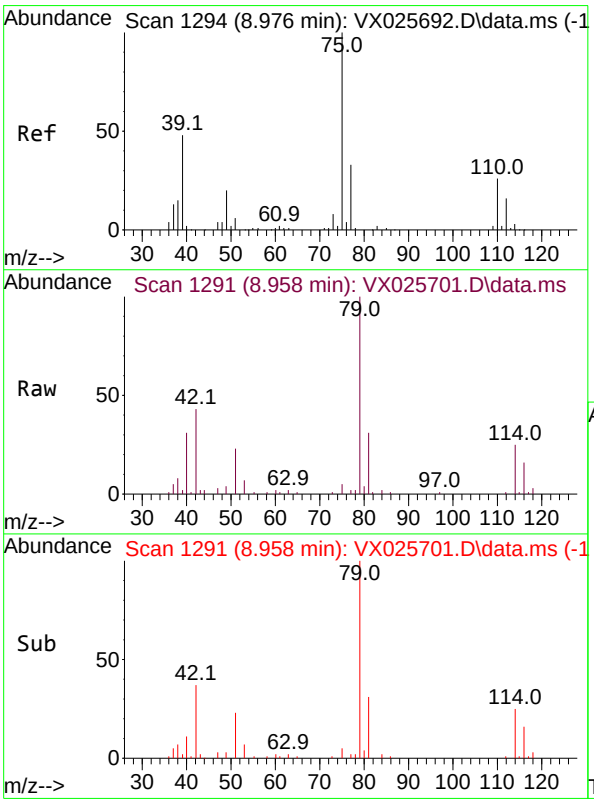

#42
Toluene
Concen: 0.899 ug/L
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

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

Tgt Ion: 91 Resp: 2709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.7 | 41.2 | 76.6 |

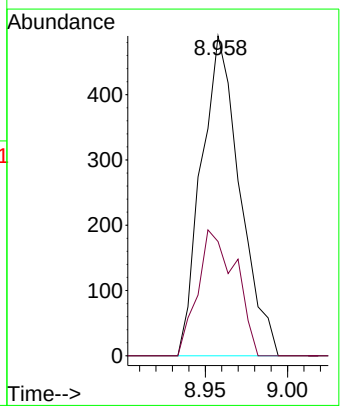


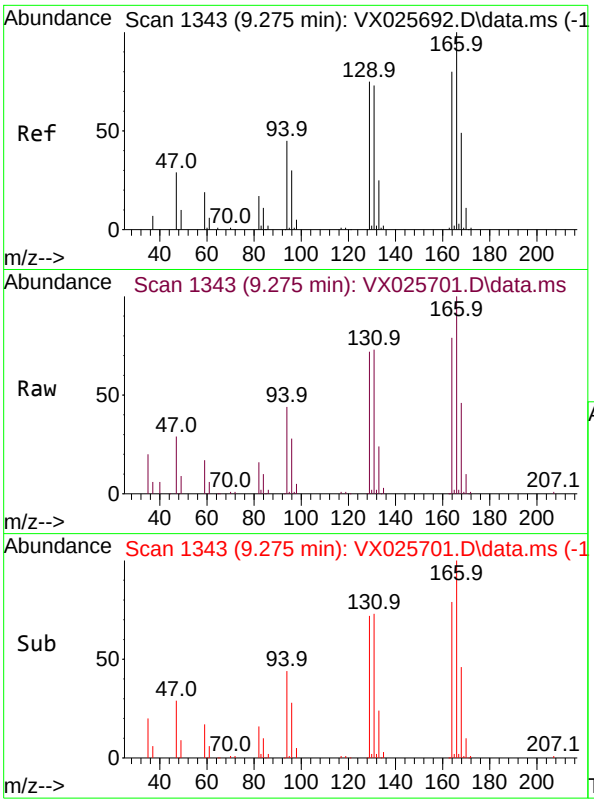




#44
trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

Tgt Ion: 75 Resp: 797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.7 | 23.0 | 42.8 |



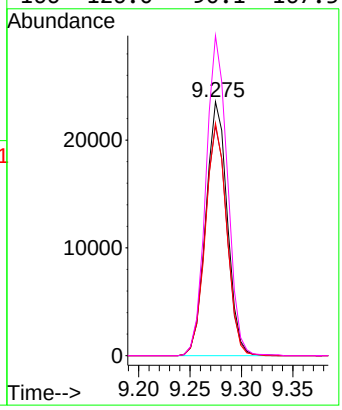


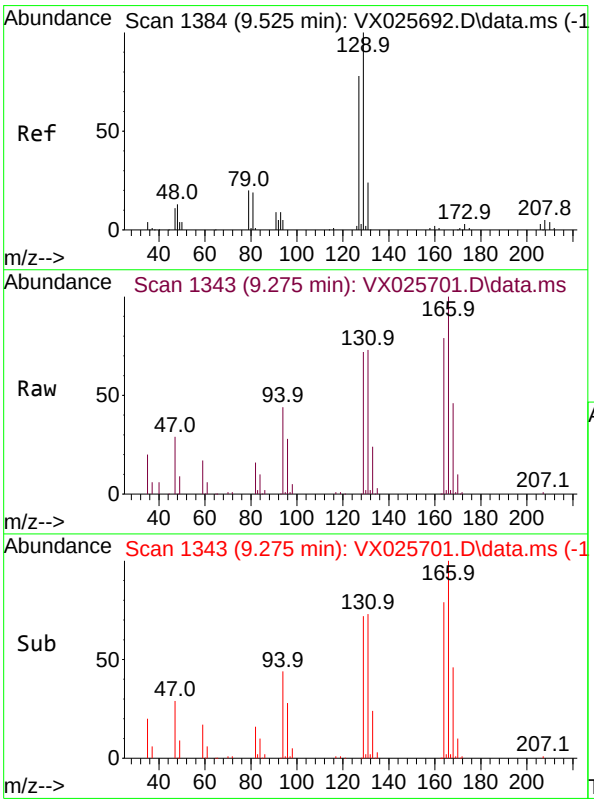

#46
Tetrachloroethene
Concen: 56.083 ug/L
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

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

Tgt Ion:164 Resp: 34174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 90.6 | 64.7 | 120.1 |
| 131 | 91.5 | 63.2 | 117.4 |
| 166 | 126.0 | 90.1 | 167.3 |

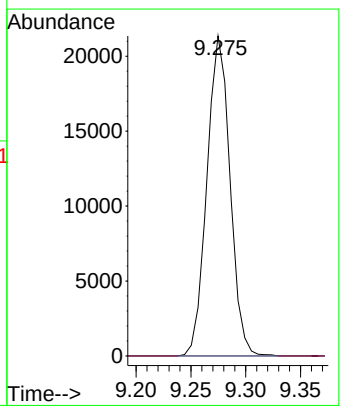


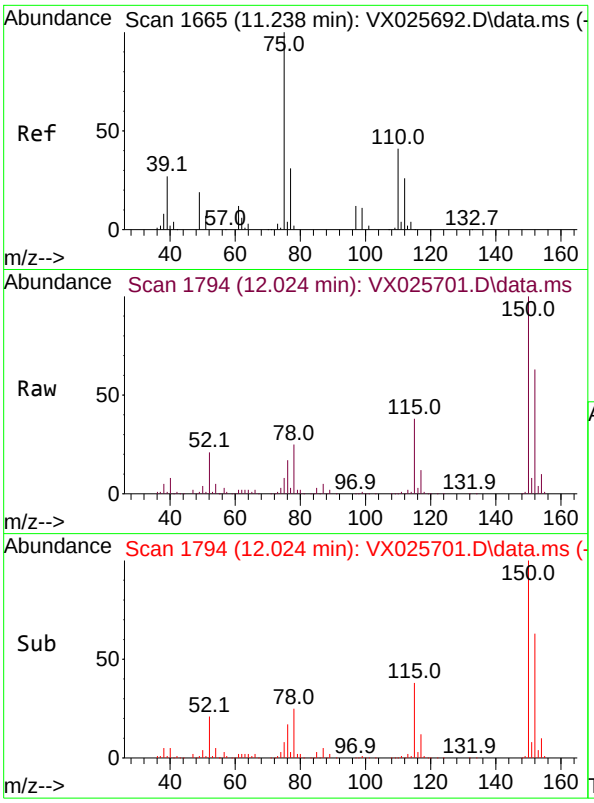




#49
Dibromochloromethane
Concen: 37.380 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

Tgt Ion:129 Resp: 31327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 52.4 | 97.2# |






#61
1,2,3-Trichloropropane
Concen: 6.770 ug/L
RT: 12.024 min Scan# 1
Delta R.T. 0.786 min
Lab File: VX025701.D
Acq: 10 Dec 2021 15:04

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

Tgt Ion: 75 Resp: 5916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.5 | 25.8 | 38.8 |
| 110 | 3.5 | 34.7 | 52.1# |