Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
Data File : VU049681.D
Acq On : 11 Jul 2022 17:19
Operator : SY/MD
Sample : N3625-06 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Quant Time: Jul 12 02:35:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 12 02:23:25 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 237042 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 220475 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 95113 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 95955 | 47.977 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 95.960% | | | |
| 7) Chloroethane-d5 | 1.906 | 69 | 70542 | 48.794 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 97.580% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 123147 | 34.858 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.720% | | | |
| 21) 2-Butanone-d5 | 4.620 | 46 | 176629 | 103.451 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 103.450% | | | |
| 24) Chloroform-d | 5.063 | 84 | 166480 | 46.997 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 116493 | 48.590 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.180% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 329928 | 49.258 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.520% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 114203 | 50.691 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.380% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 281469 | 48.255 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.520% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 44120 | 46.481 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.960% | | | |
| 47) 2-Hexanone-d5 | 8.632 | 63 | 104026 | 102.649 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 102.650% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 155126 | 49.210 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 98.420% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 90734 | 50.596 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565 | 101 | 1039 | 0.569 | ug/L # | 20 |
| 12) 1,1-Dichloroethene | 2.565 | 96 | 874 | 0.516 | ug/L # | 1 |
| 13) Acetone | 2.623 | 43 | 5547 | 3.419 | ug/L | 100 |
| 16) Methylene chloride | 3.044 | 84 | 5366 | 2.514 | ug/L | 87 |
| 35) Methylcyclohexane | 6.690 | 83 | 25404 | 8.070 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.690 | 63 | 12612 | 5.491 | ug/L # | 89 |
| 39) cis-1,3-Dichloropropene | 7.562 | 75 | 3044 | 0.983 | ug/L # | 79 |
| 44) trans-1,3-Dichloropropene | 8.182 | 75 | 1876 | 0.645 | ug/L # | 55 |
| 60) 1,2,3-Trichloropropane | 11.812 | 75 | 13069 | 5.159 | ug/L # | 66 |

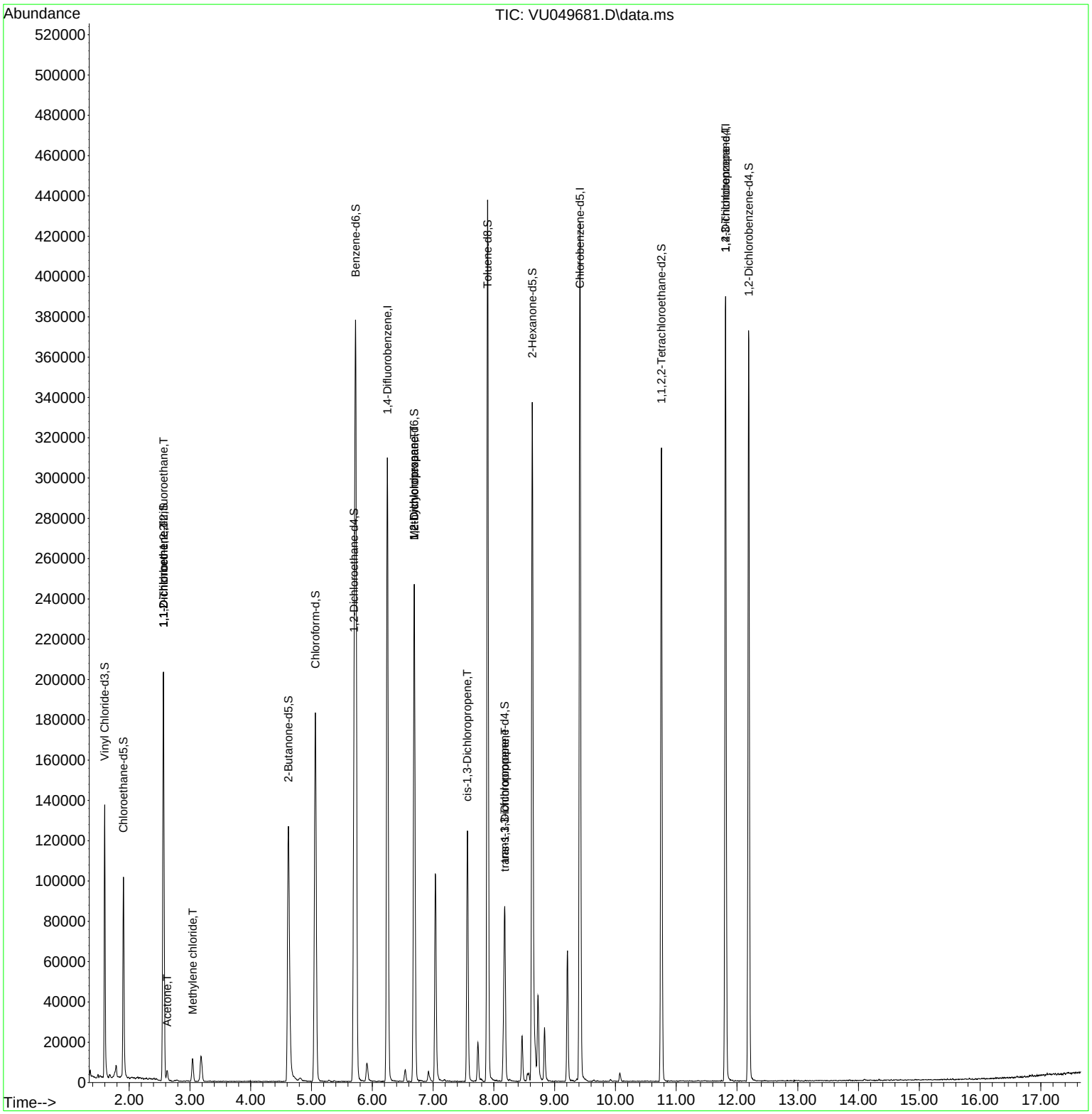
(#) = qualifier out of range (m) = manual integration (+) = signals summed

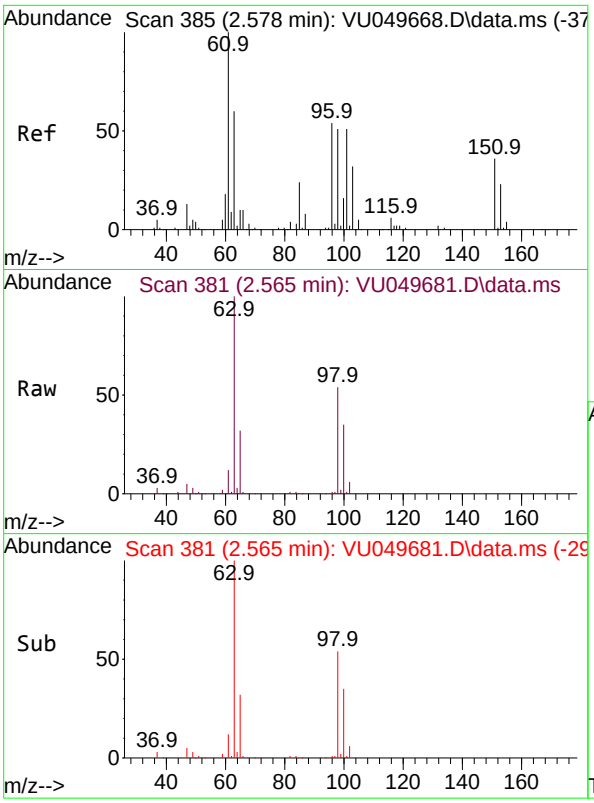
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
Data File : VU049681.D
Acq On : 11 Jul 2022 17:19
Operator : SY/MD
Sample : N3625-06 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Quant Time: Jul 12 02:35:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 12 02:23:25 2022
Response via : Initial Calibration



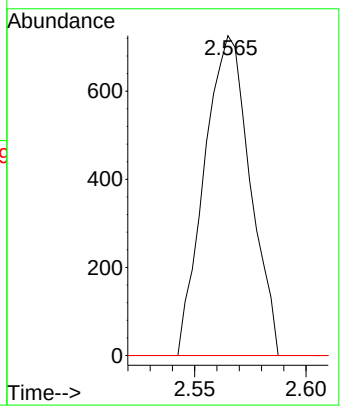


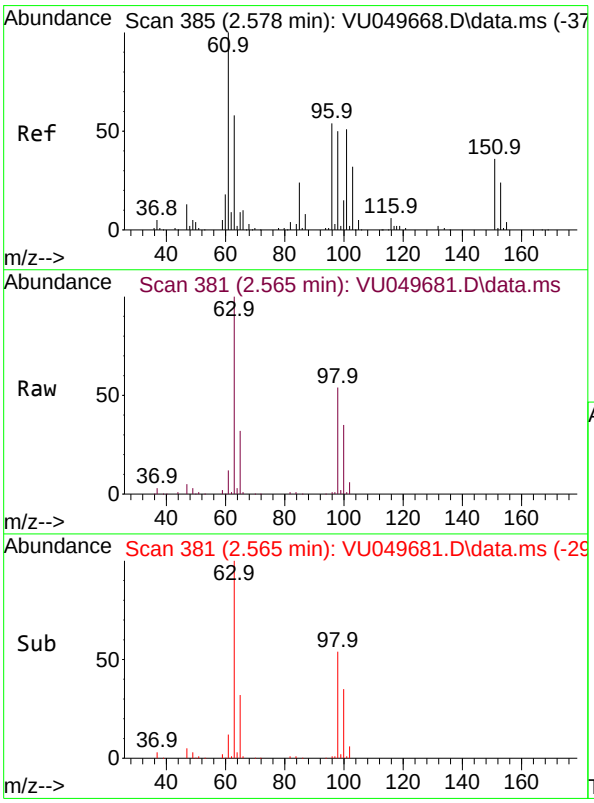

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.569 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Tgt Ion:101 Resp: 1039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 37.3 | 55.9# |
| 151 | 0.0 | 56.9 | 85.3# |

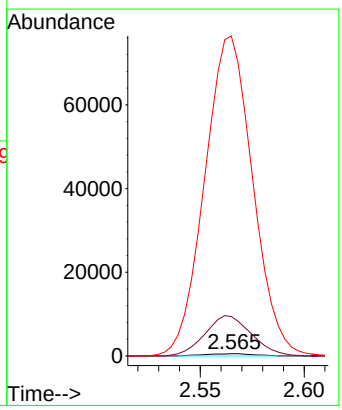


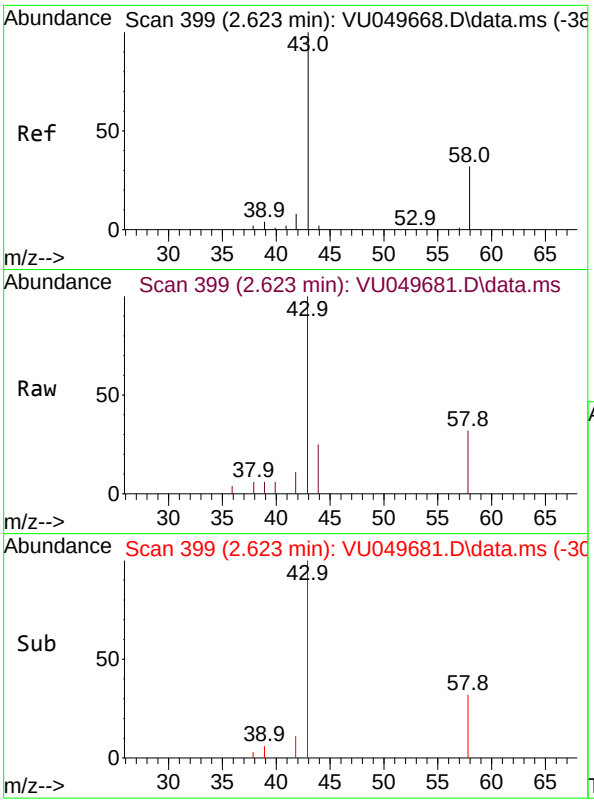




#12
1,1-Dichloroethene
Concen: 0.516 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

Tgt Ion: 96 Resp: 874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1720.5 | 129.6 | 240.6# |
| 63 | 13981.7 | 79.0 | 146.6# |



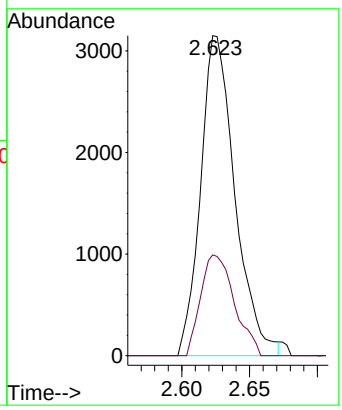


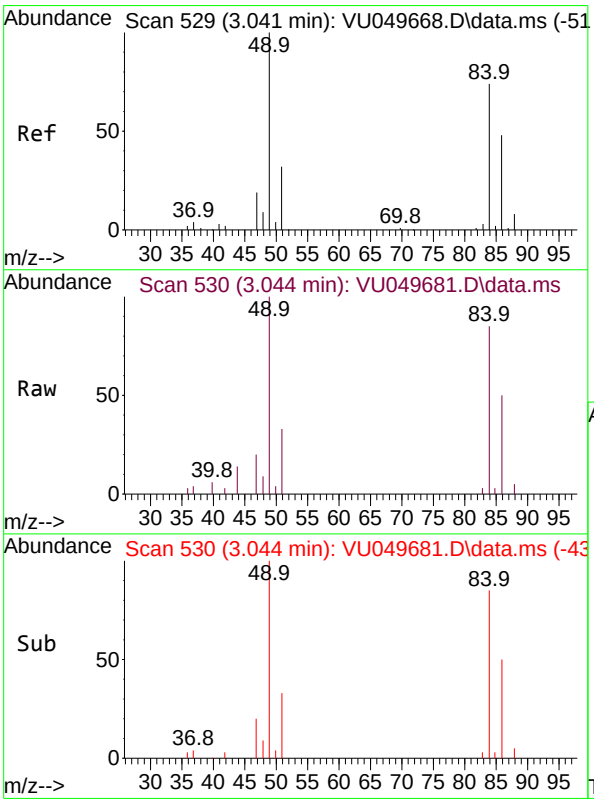

#13
Acetone
Concen: 3.419 ug/L
RT: 2.623 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Tgt Ion: 43 Resp: 5547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.9 | 0.0 | 61.4 |

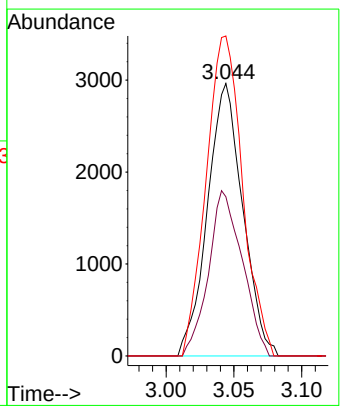


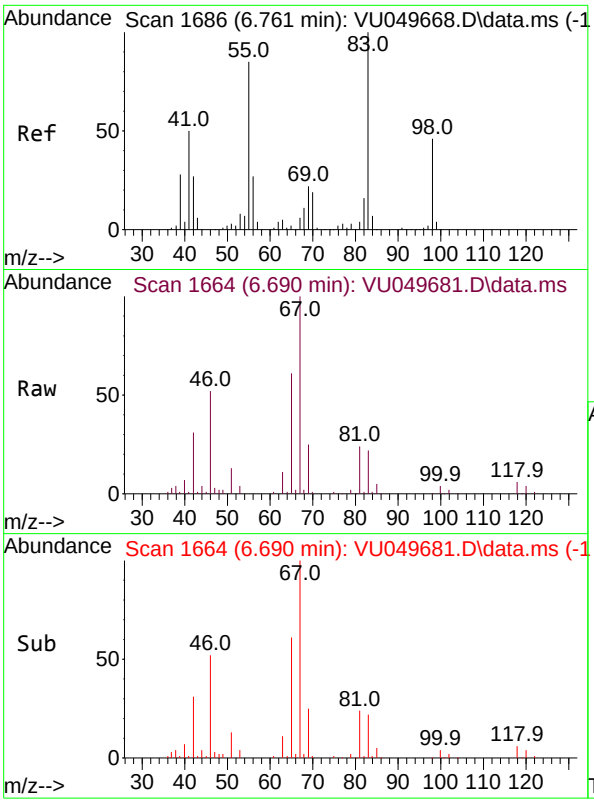




#16
Methylene chloride
Concen: 2.514 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

Tgt Ion: 84 Resp: 5366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 58.5 | 45.6 | 84.6 |
| 49 | 117.4 | 94.4 | 175.4 |



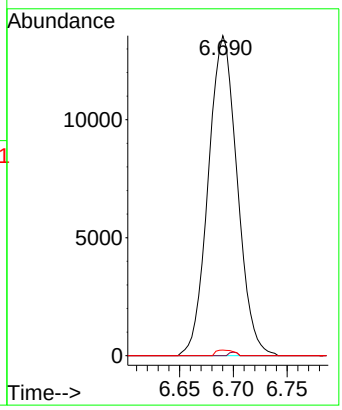


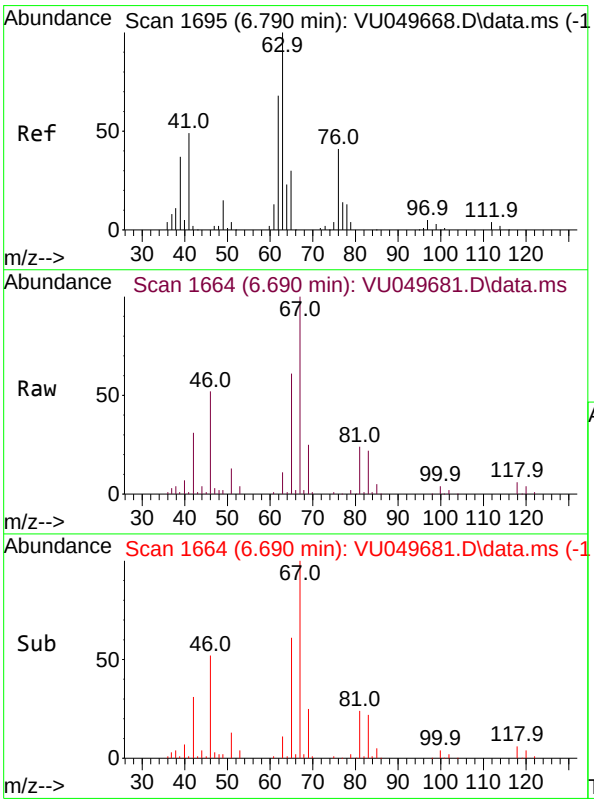

#35
Methylcyclohexane
Concen: 8.070 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Tgt Ion: 83 Resp: 25404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 66.0 | 99.0# |
| 98 | 1.1 | 34.6 | 51.8# |

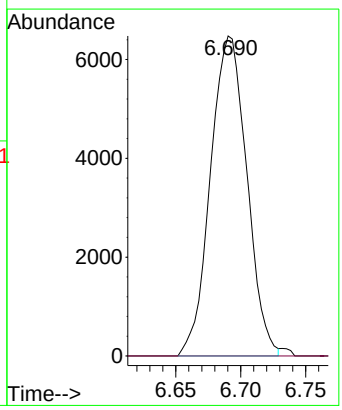


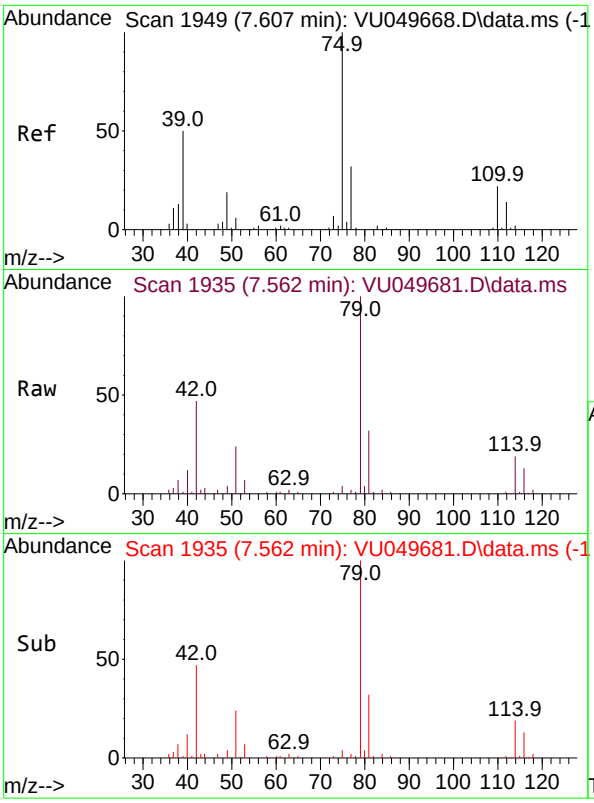




#37
1,2-Dichloropropane
Concen: 5.491 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

Tgt Ion: 63 Resp: 12612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.8 | 4.2# |



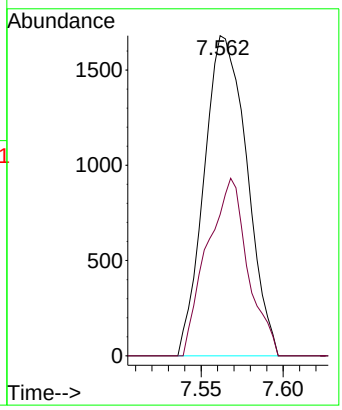


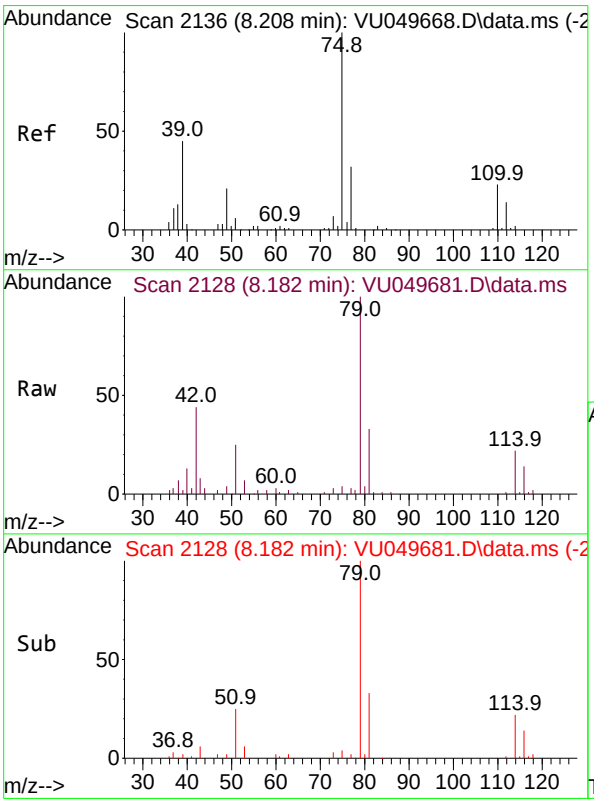

#39
cis-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 7.562 min Scan# 1
Delta R.T. -0.045 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Tgt Ion: 75 Resp: 3044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.1 | 22.6 | 42.0# |

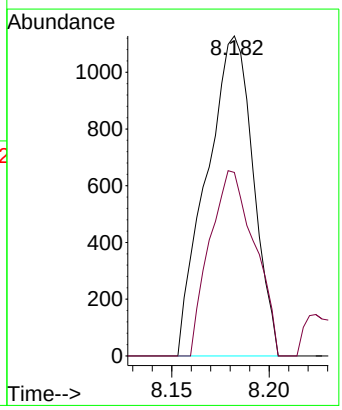


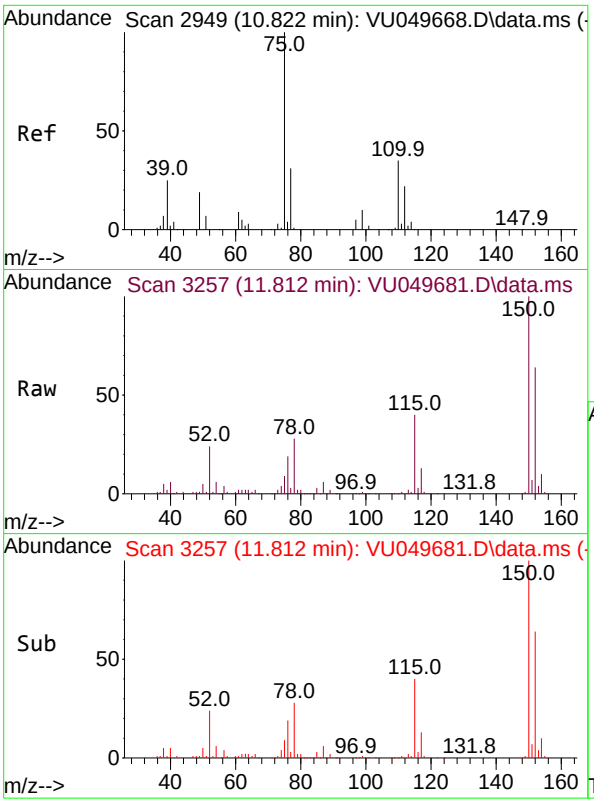




#44
trans-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.026 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

Tgt Ion: 75 Resp: 1876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 57.4 | 22.5 | 41.9# |






#60
1,2,3-Trichloropropane
Concen: 5.159 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU049681.D
Acq: 11 Jul 2022 17:19

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ZC2

Tgt Ion: 75 Resp: 13069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.2 | 25.5 | 38.3 |
| 110 | 3.0 | 28.9 | 43.3# |