Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102720\
Data File : VU040980.D
Acq On : 27 Oct 2020 13:53
Operator : SY/MD
Sample : L4492-17DL 1000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Quant Time: Oct 28 02:25:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 28 02:17:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 55747 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 57815 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 23256 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 23648 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 101.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 19183 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 36019 | 3.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.40% | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 81504 | 52.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.70% | | | |
| 24) Chloroform-d | 5.08 | 84 | 42939 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 26712 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.00% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 79466 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 26623 | 5.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 105.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 61852 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 10520 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 58469 | 49.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.52% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 22628 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 22838 | 5.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.94 | 64 | 136 | 0.041 | ug/L # | 43 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.58 | 101 | 202 | 0.048 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 239 | 0.061 | ug/L # | 1 |
| 16) Methylene chloride | 3.06 | 84 | 1772 | 0.386 | ug/L | 88 |
| 25) Chloroform | 5.11 | 83 | 763 | 0.095 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 395 | 0.066 | ug/L # | 74 |
| 33) Benzene | 5.74 | 78 | 486 | 0.028 | ug/L | 100 |
| 35) Methylcyclohexane | 6.70 | 83 | 6169 | 0.941 | ug/L # | 13 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 3093 | 0.662 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 613 | 0.095 | ug/L # | 39 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 402 | 0.067 | ug/L # | 18 |
| 47) Tetrachloroethene | 8.56 | 164 | 6355 | 1.966 | ug/L | 97 |
| 48) 2-Hexanone | 8.64 | 43 | 8370 | 2.983 | ug/L # | 69 |
| 49) Dibromochloromethane | 8.56 | 129 | 6802 | 1.683 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 3176 | 0.912 | ug/L | 92 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102720\
Data File : VU040980.D
Acq On : 27 Oct 2020 13:53
Operator : SY/MD
Sample : L4492-17DL 1000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Quant Time: Oct 28 02:25:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 28 02:17:39 2020
Response via : Initial Calibration

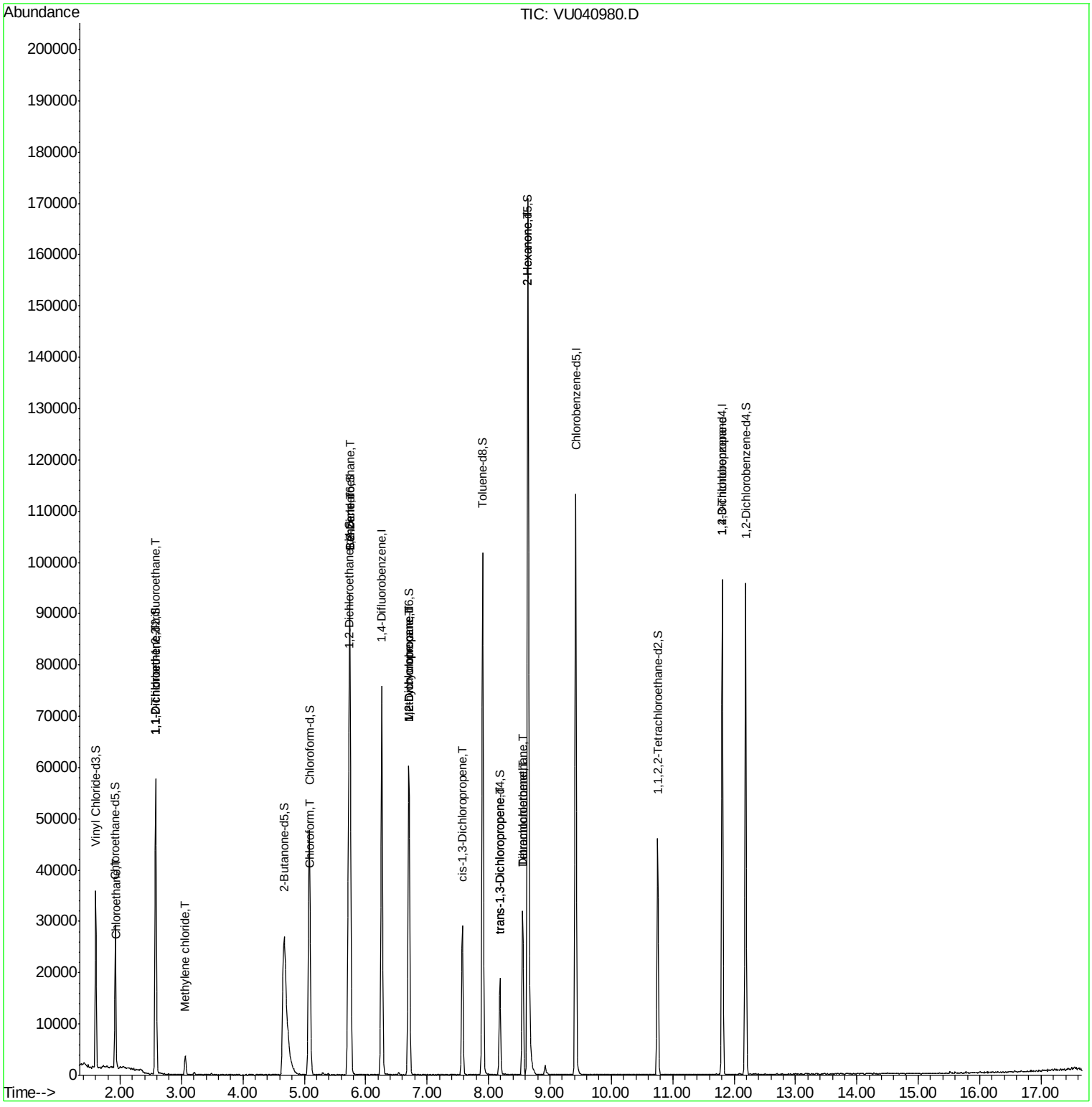
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

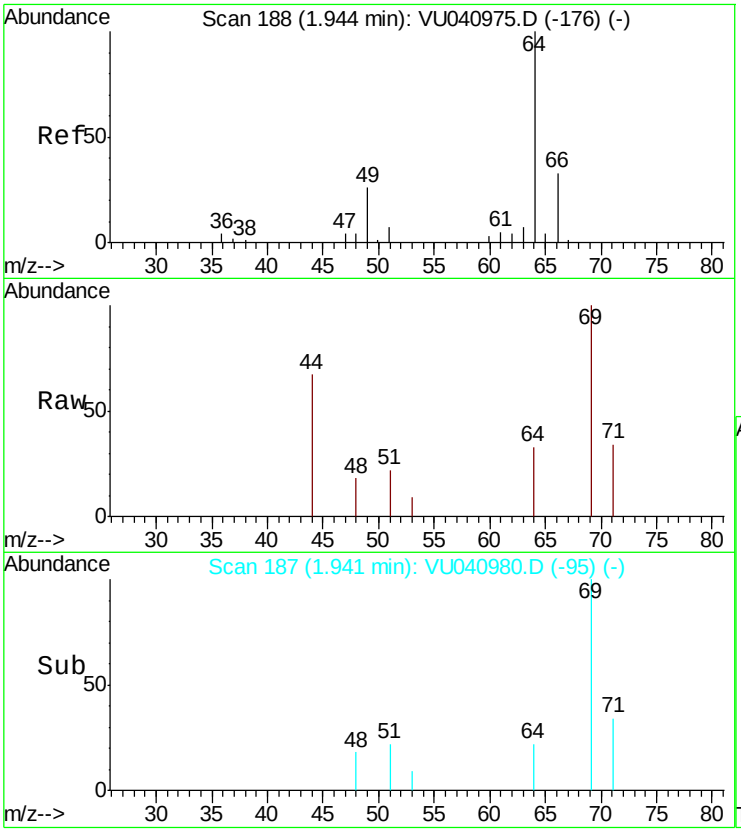
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102720\
Data File : VU040980.D
Acq On : 27 Oct 2020 13:53
Operator : SY/MD
Sample : L4492-17DL 1000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Quant Time: Oct 28 02:25:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 28 02:17:39 2020
Response via : Initial Calibration



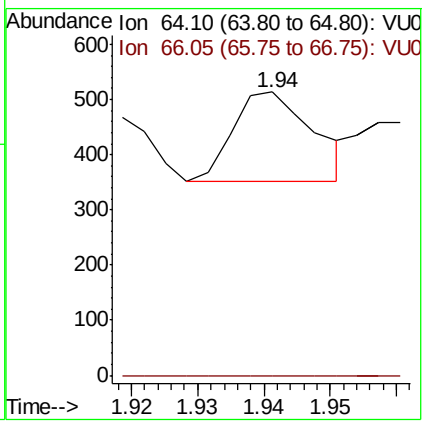


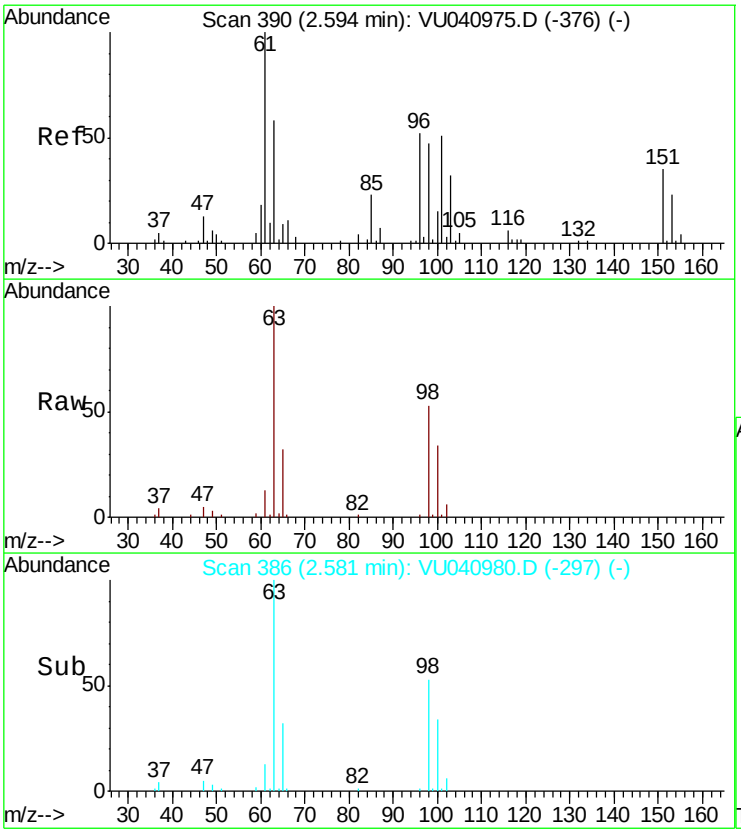

#8
Chloroethane
Concen: 0.041 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AP5DL

Tgt Ion: 64 Resp: 136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 22.3 | 41.5# |

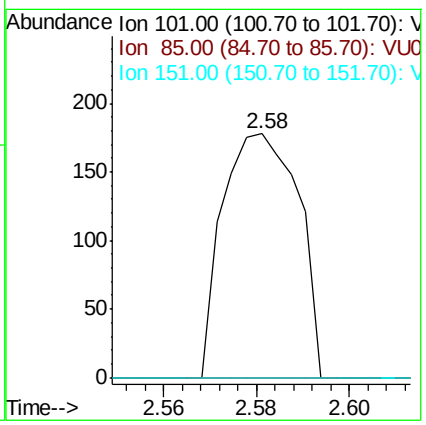


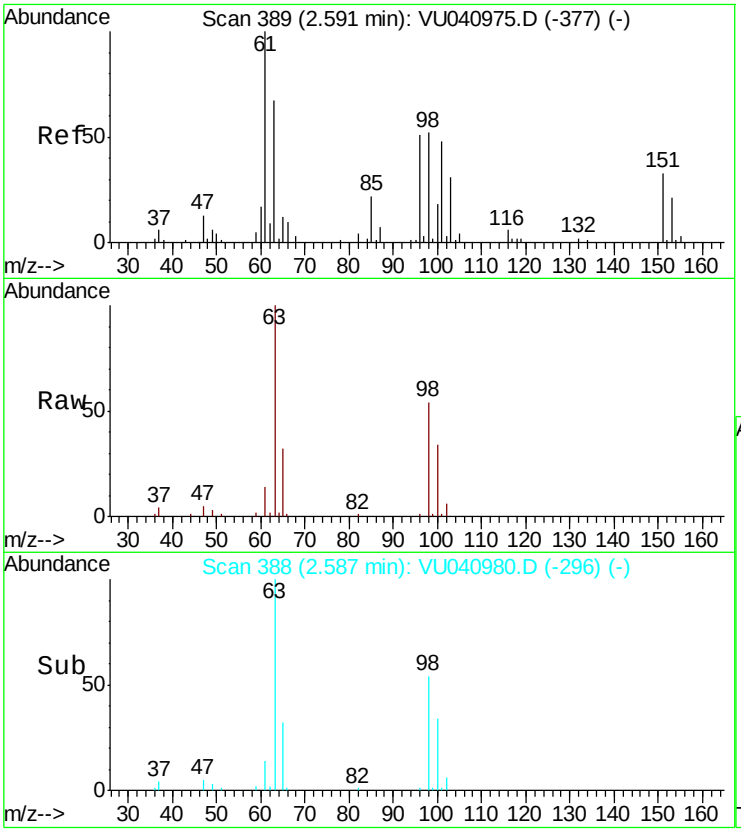




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion:101 Resp: 202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.0 | 52.4# |
| 151 | 0.0 | 55.3 | 82.9# |



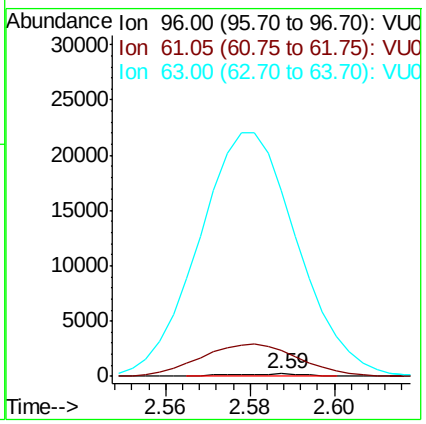


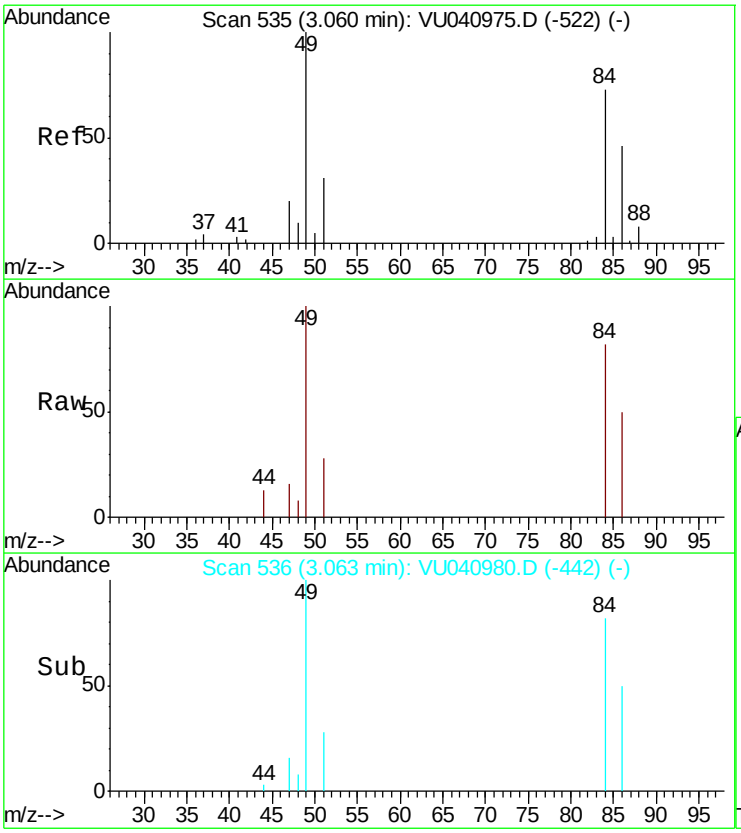

#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Tgt Ion: 96 Resp: 239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1073.8 | 134.3 | 249.5# |
| 63 | 7884.1 | 95.0 | 176.4# |

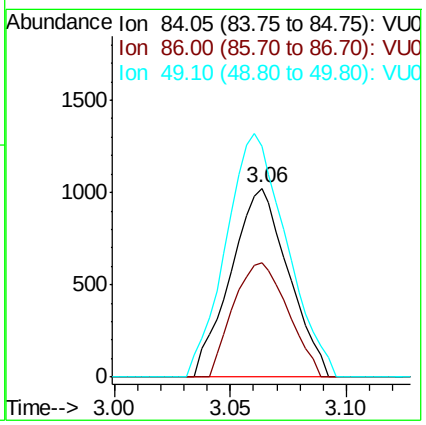


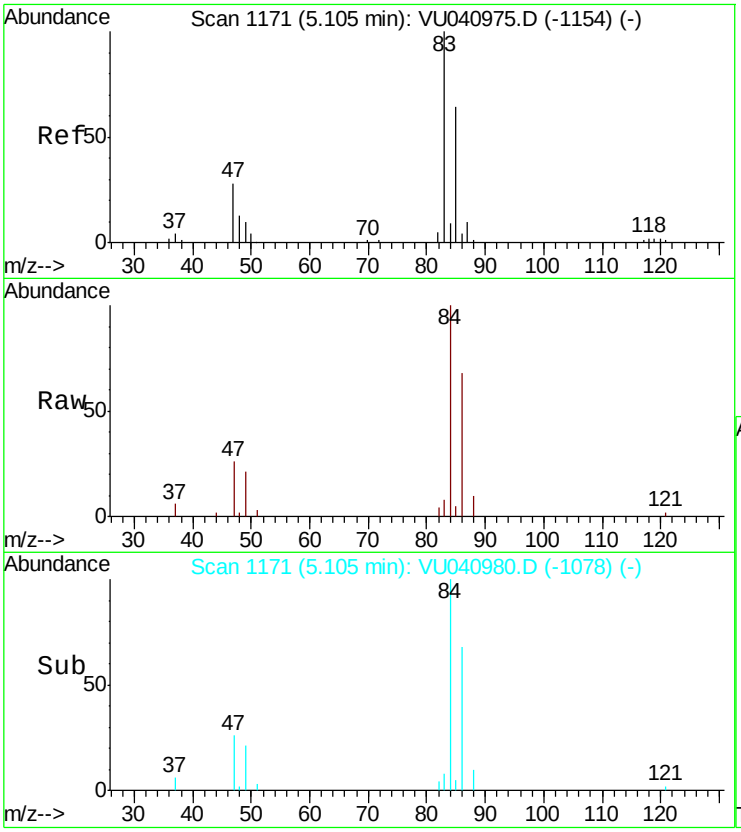




#16
Methylene chloride
Concen: 0.386 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion: 84 Resp: 1772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 60.4 | 42.8 | 79.6 |
| 49 | 121.9 | 99.5 | 184.7 |



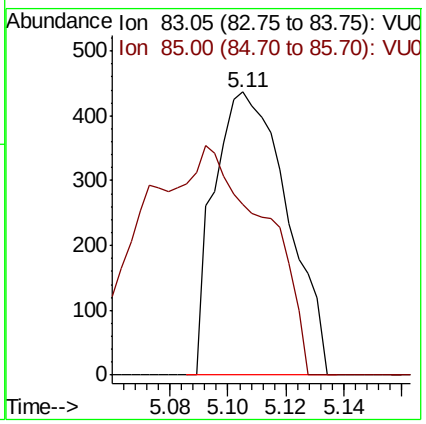


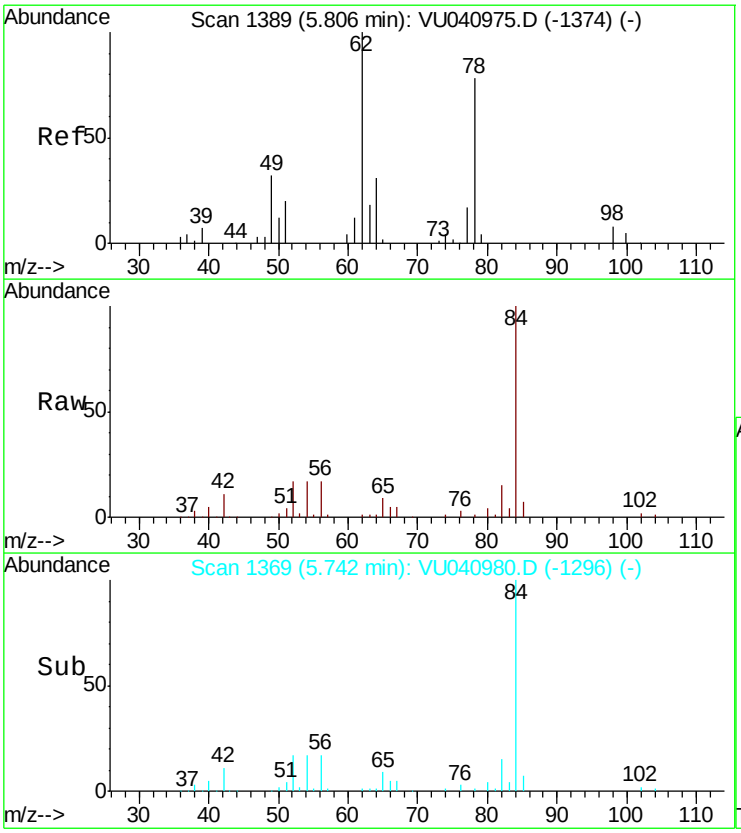

#25
Chloroform
Concen: 0.095 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AP5DL

Tgt Ion: 83 Resp: 763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.2 | 46.1 | 85.7 |

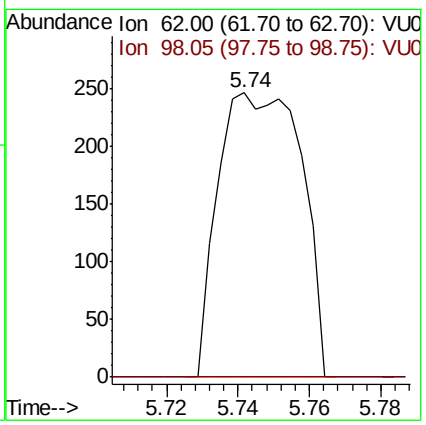


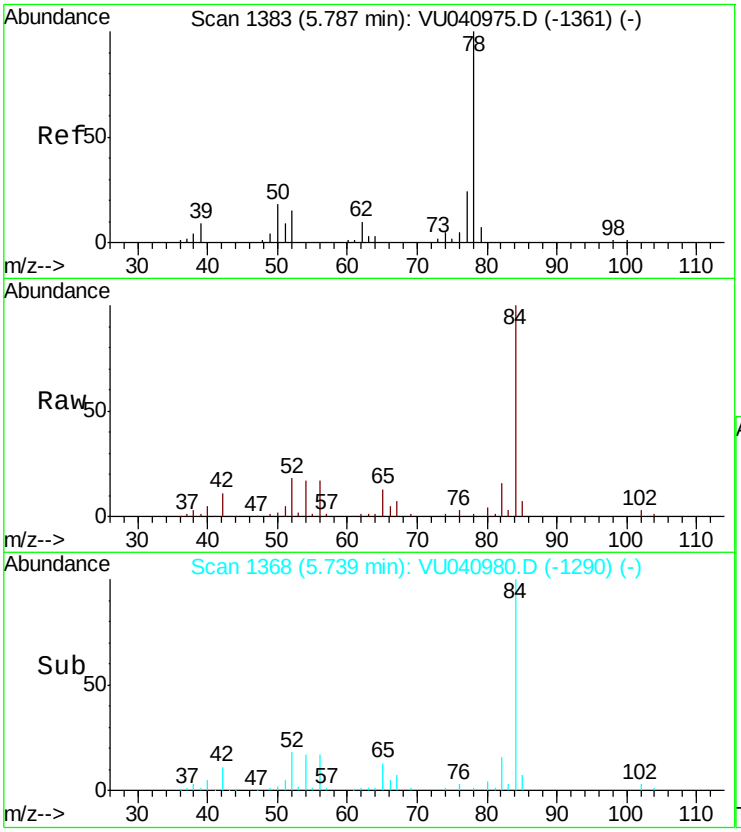




#27
1,2-Dichloroethane
Concen: 0.066 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion: 62 Resp: 395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.6 | 11.4# |

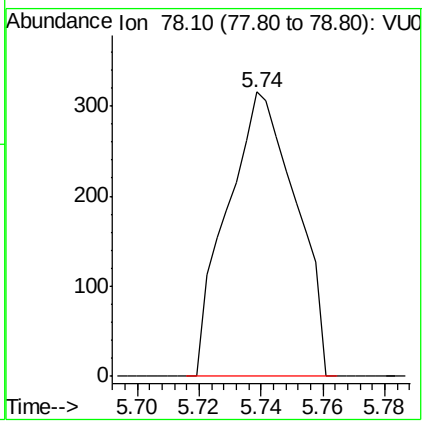


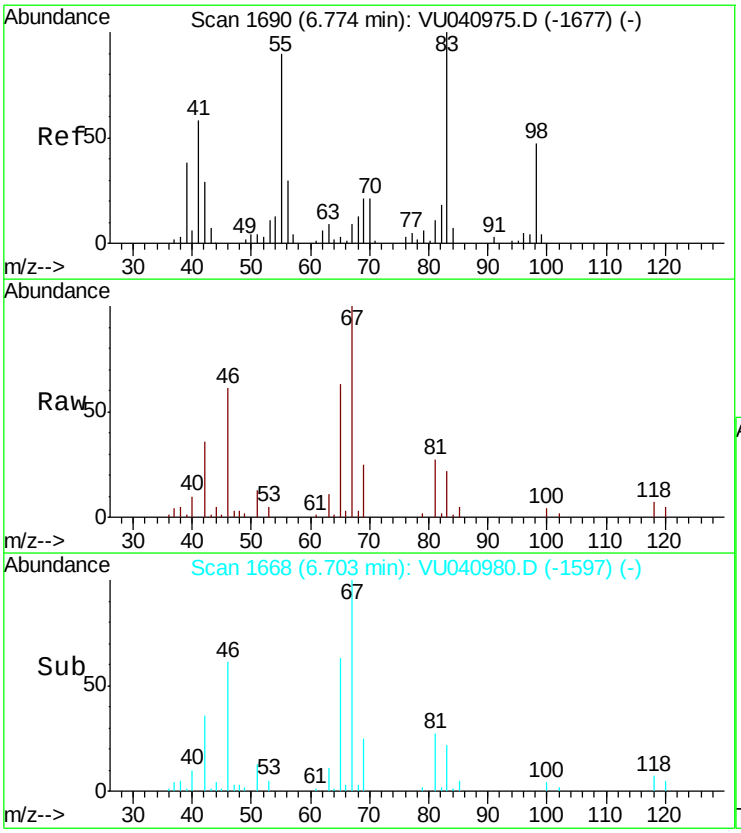



#33
Benzene
Concen: 0.028 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AP5DL

Tgt Ion: 78 Resp: 486

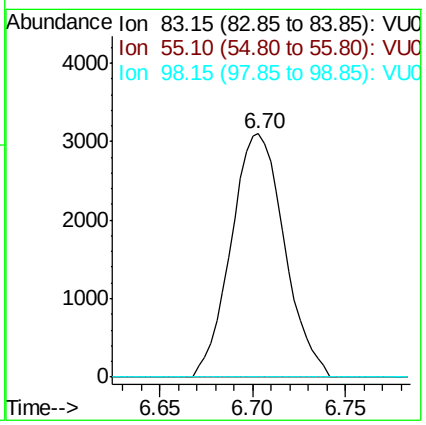


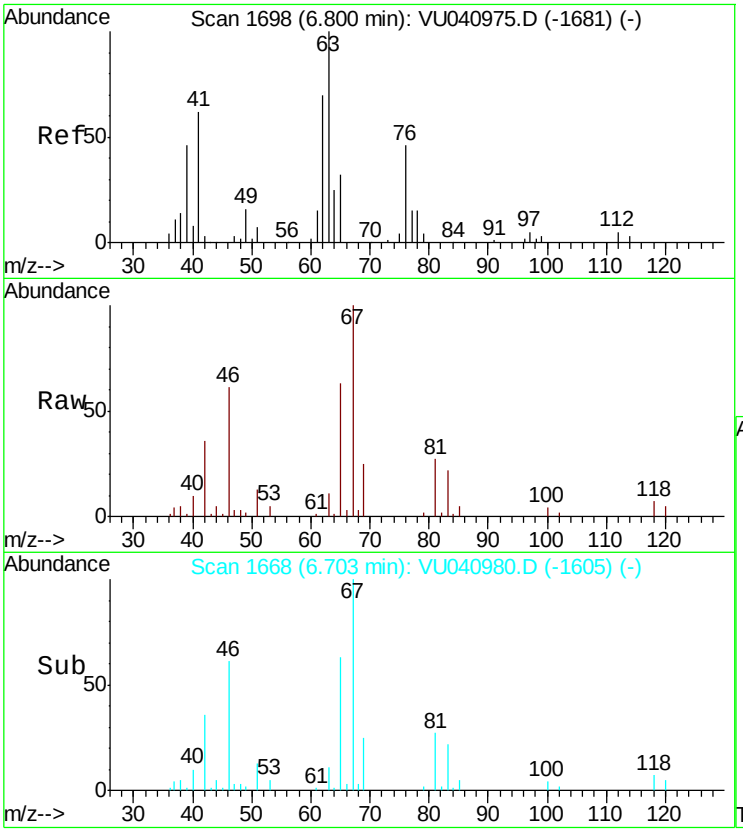




#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion: 83 Resp: 6169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 72.0 | 108.0# |
| 98 | 0.0 | 36.6 | 55.0# |



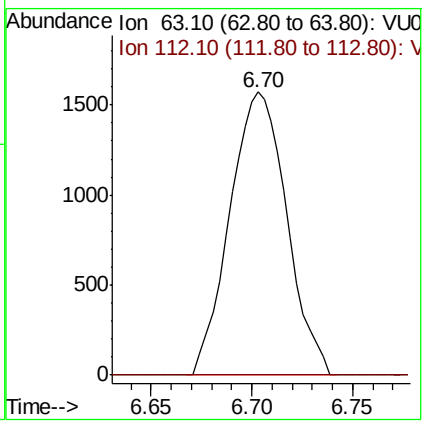


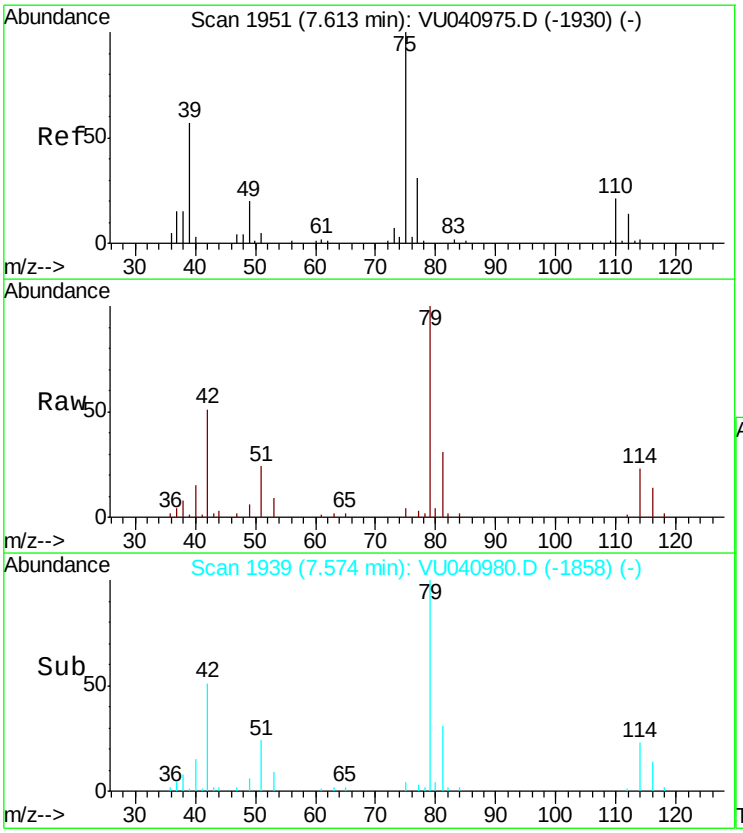

#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AP5DL

Tgt Ion: 63 Resp: 3093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.6 | 5.4# |

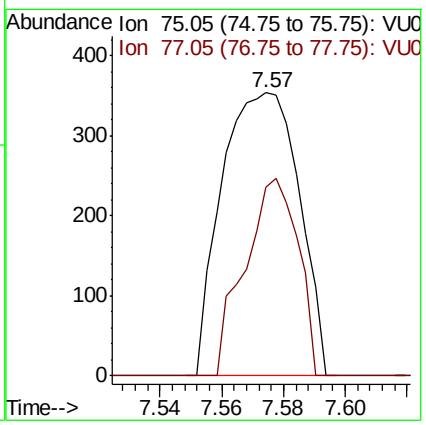


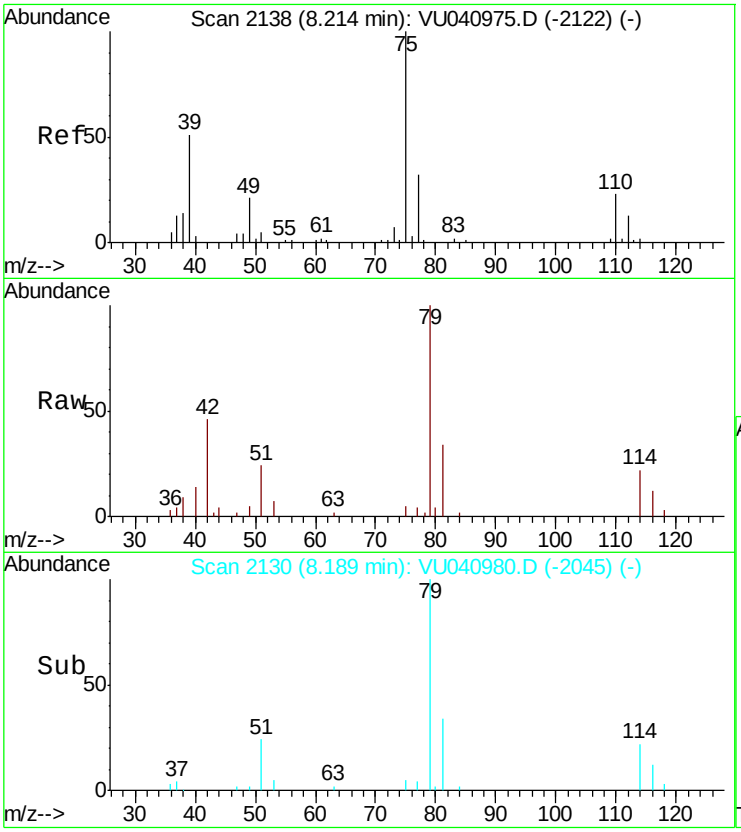




#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion: 75 Resp: 613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 66.9 | 22.7 | 42.3# |



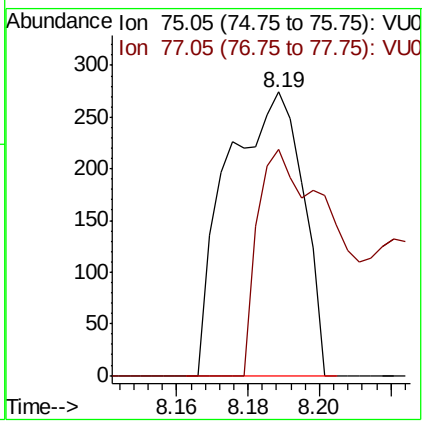


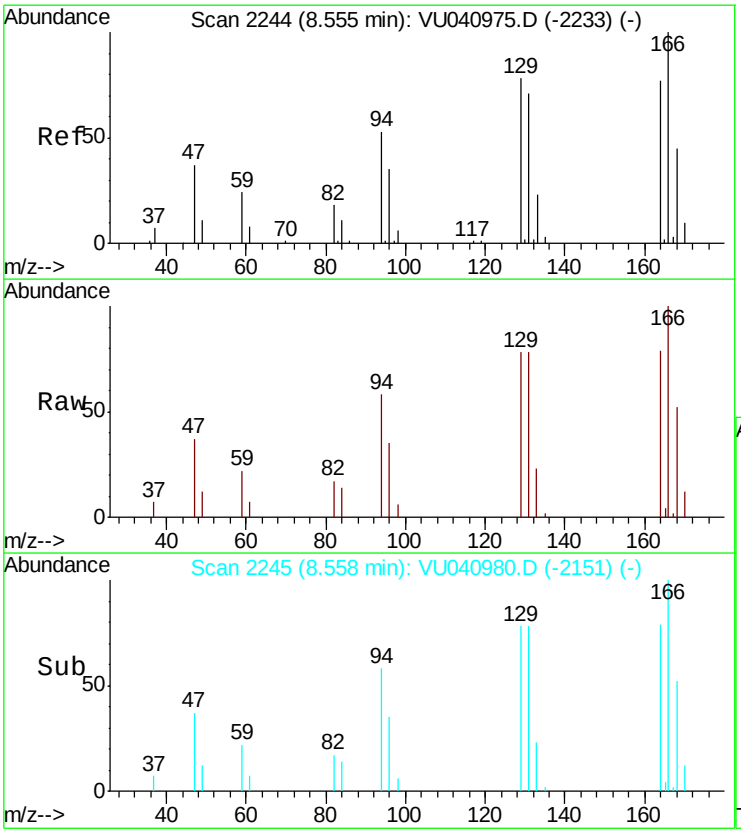

#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Tgt Ion: 75 Resp: 402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 79.9 | 23.3 | 43.3# |

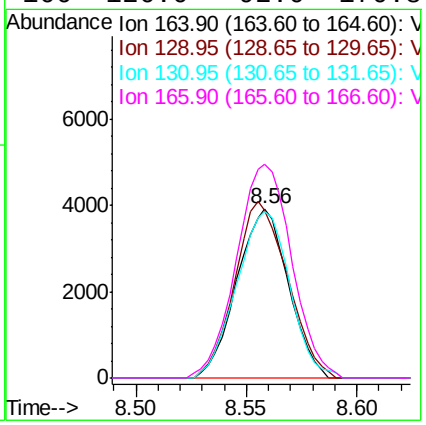


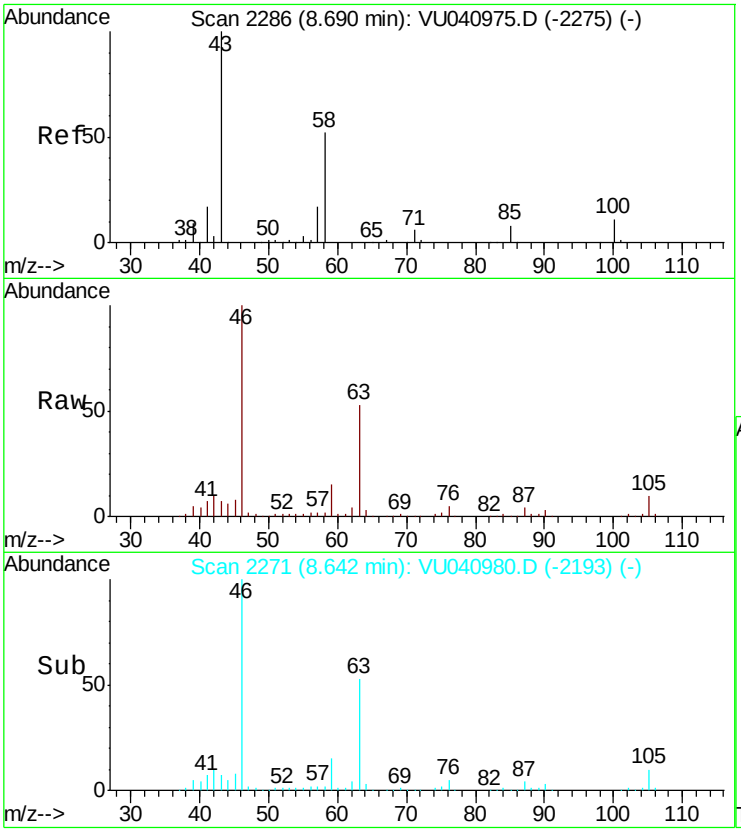




#47
Tetrachloroethene
Concen: 1.966 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion:164 Resp: 6355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 98.9 | 70.3 | 130.7 |
| 131 | 98.0 | 70.8 | 131.4 |
| 166 | 126.0 | 92.0 | 170.8 |



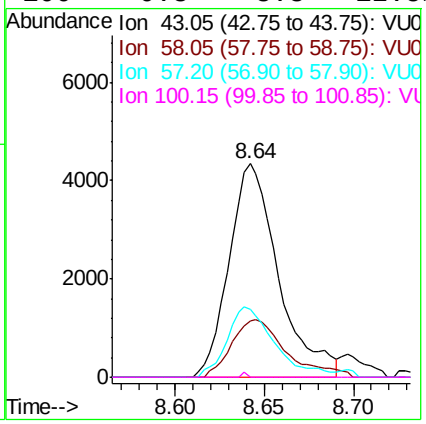


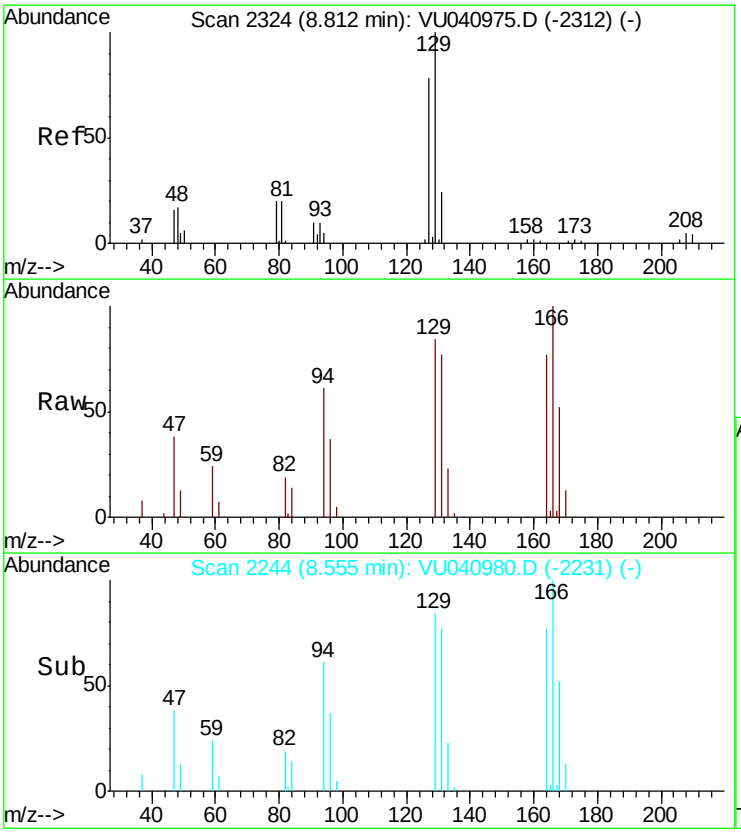

#48
2-Hexanone
Concen: 2.983 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :** MSVOA_U
**ClientSampleId :** C0AP5DL

Tgt Ion: 43 Resp: 8370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 41.4 | 62.2# |
| 57 | 31.7 | 14.6 | 21.8# |
| 100 | 0.3 | 8.3 | 12.5# |

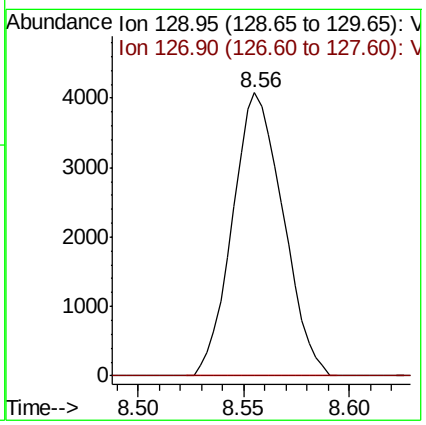


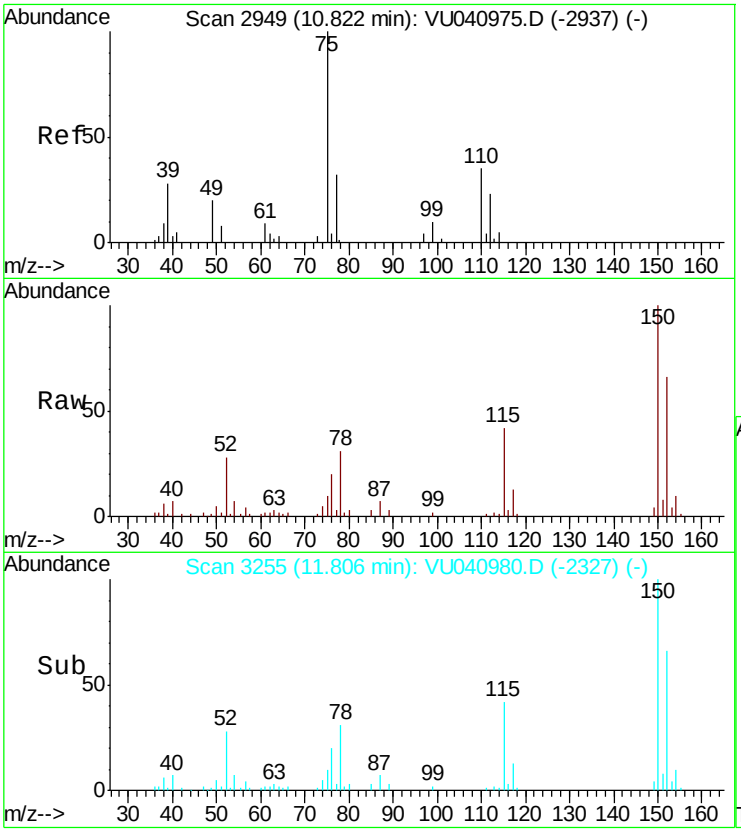




#49
Dibromochloromethane
Concen: 1.683 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

Tgt Ion:129 Resp: 6802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.4 | 99.2# |






#59
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040980.D
Acq: 27 Oct 2020 13:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AP5DL

Tgt Ion: 75 Resp: 3176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.7 | 25.7 | 38.5 |