Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040150.D
Acq On : 16 Sep 2020 16:03
Operator : SY/MD
Sample : L4041-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB2

Quant Time: Sep 17 01:11:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 121844 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 122720 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 51605 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 27711 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 25300 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 46033 | 2.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 54.00%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 107975 | 40.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 81.16% | | | |
| 24) Chloroform-d | 5.09 | 84 | 61925 | 3.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 79.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 36918 | 3.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.00% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 111206 | 3.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 77.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 37112 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 78.60% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 86677 | 3.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 67.00%# | | | |
| 43) trans-1,3-Dichloropropene- | 8.18 | 79 | 14531 | 3.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 67.00% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 74733 | 36.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 72.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 32267 | 3.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 79.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 34448 | 4.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 82.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.52 | 50 | 680 | 0.059 | ug/L | 94 |
| 8) Chloroethane | 1.94 | 64 | 272 | 0.039 | ug/L | 95 |
| 13) Acetone | 2.66 | 43 | 1876 | 0.762 | ug/L | 69 |
| 15) Methyl Acetate | 2.97 | 43 | 553 | 0.089 | ug/L # | 54 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 531 | 0.034 | ug/L # | 78 |
| 35) Methylcyclohexane | 6.71 | 83 | 9185 | 0.509 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 4602 | 0.387 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1436 | 0.082 | ug/L # | 83 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 971 | 0.060 | ug/L # | 75 |
| 48) 2-Hexanone | 8.64 | 43 | 10956 | 1.540 | ug/L # | 70 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 7993 | 0.908 | ug/L # | 83 |
| 66) 1,2-Dibromo-3-chloropropan | 12.77 | 75 | 379 | 0.194 | ug/L # | 8 |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
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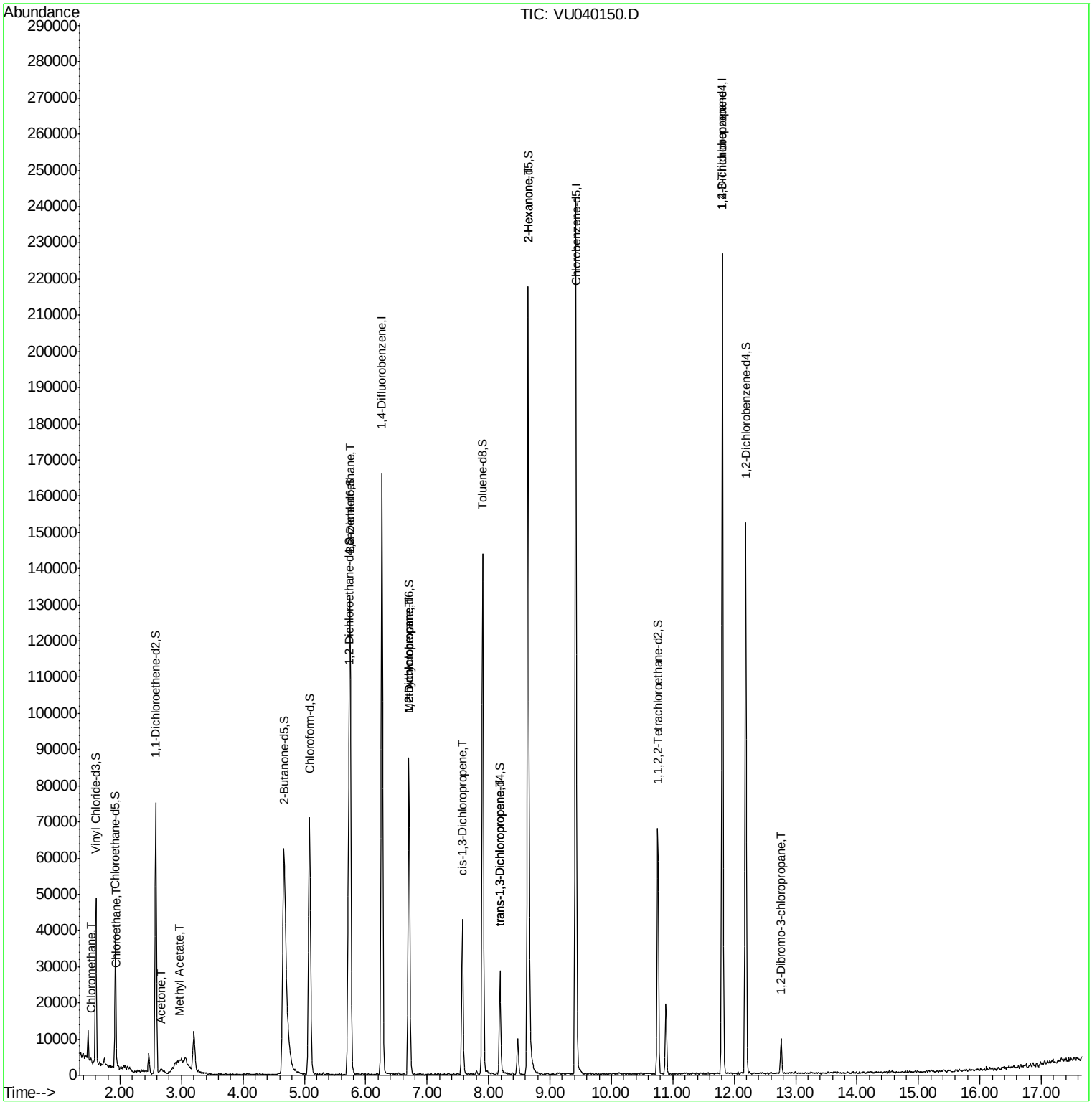
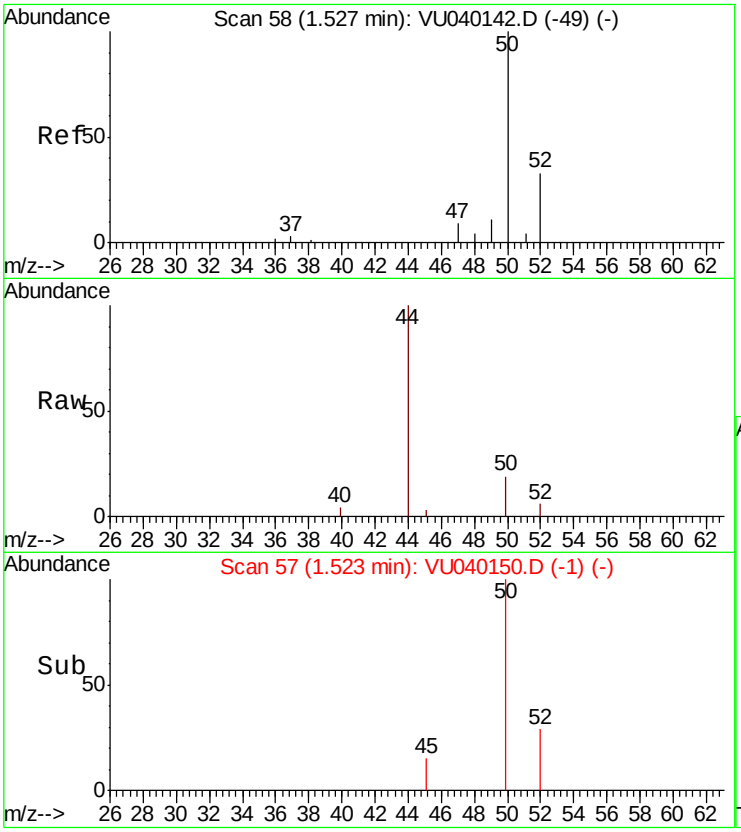
Acq On : 16 Sep 2020 16:03
Operator : SY/MD
Sample : L4041-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB2

Quant Time: Sep 17 01:11:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration



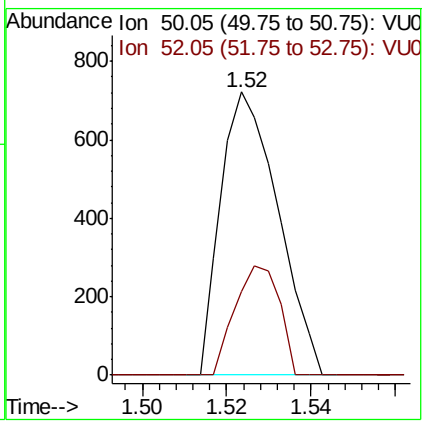


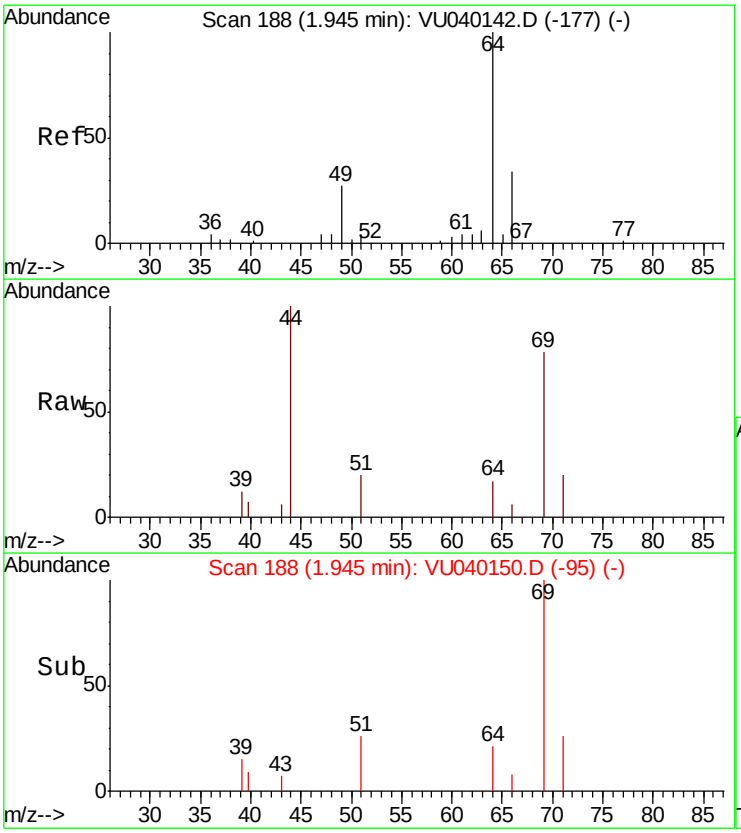

#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AB2

Tgt Ion: 50 Resp: 680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 29.4 | 22.8 | 42.4 |

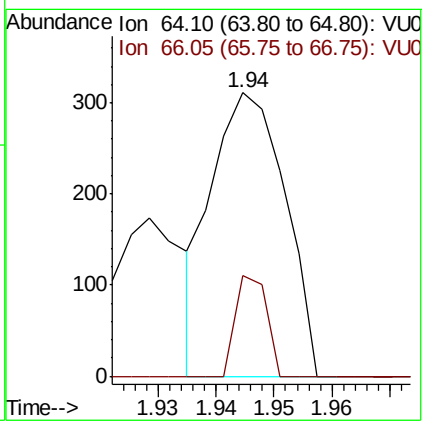


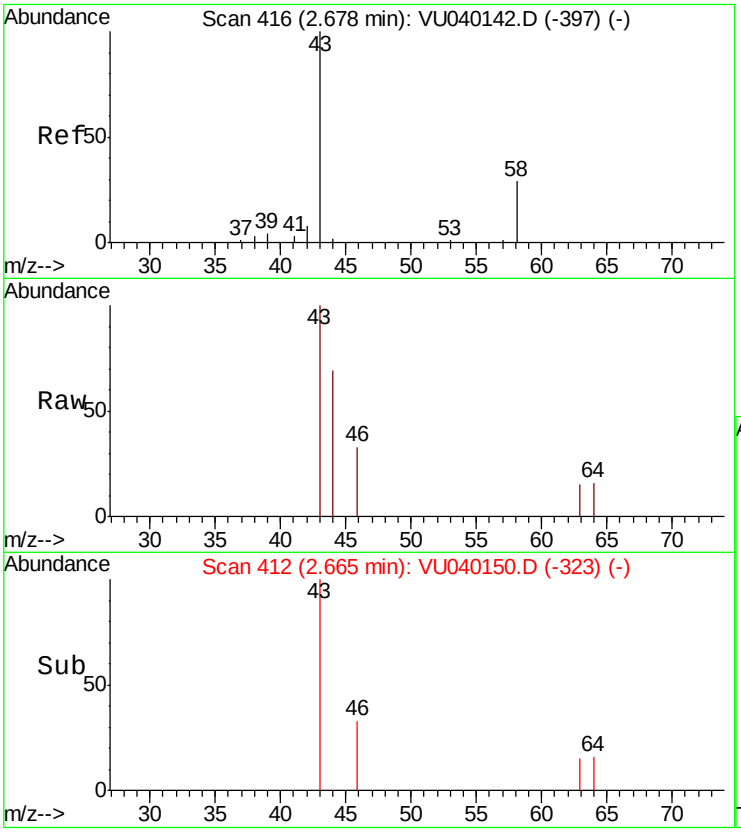




#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 64 Resp: 272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 35.4 | 22.7 | 42.1 |



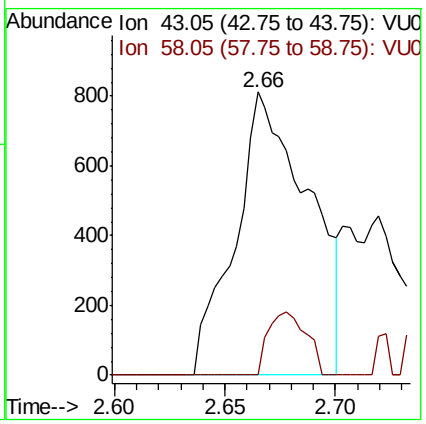


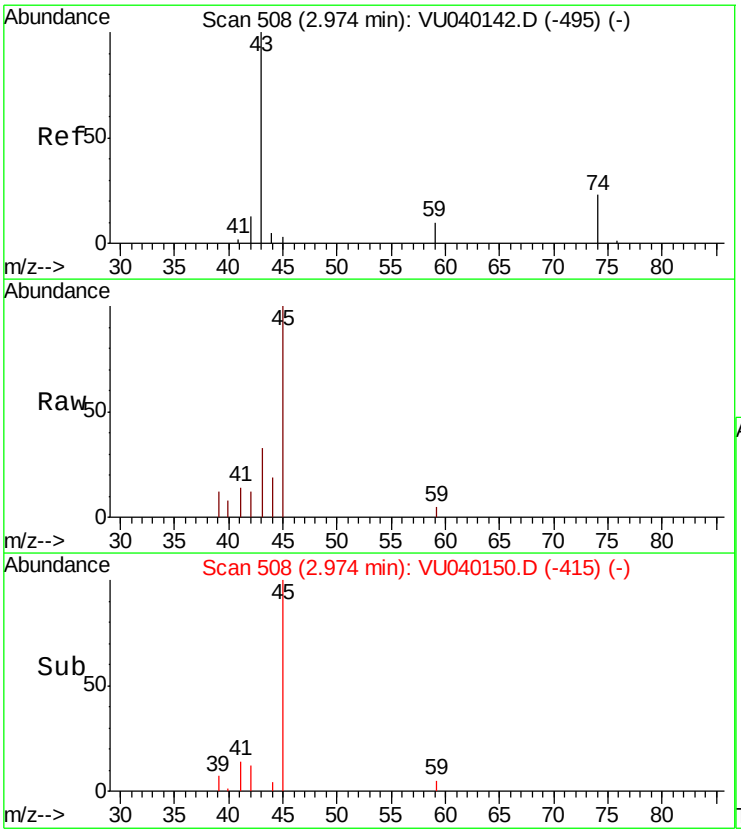

#13
Acetone
Concen: 0.762 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AB2

Tgt Ion: 43 Resp: 1876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 11.6 | 0.0 | 55.4 |

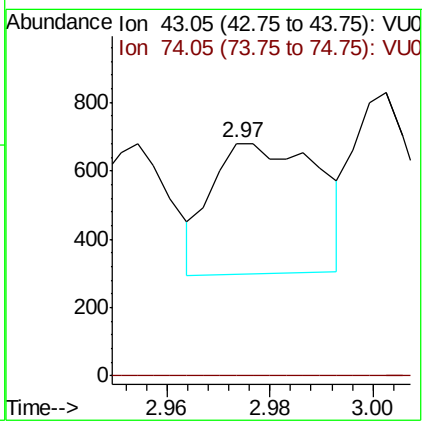


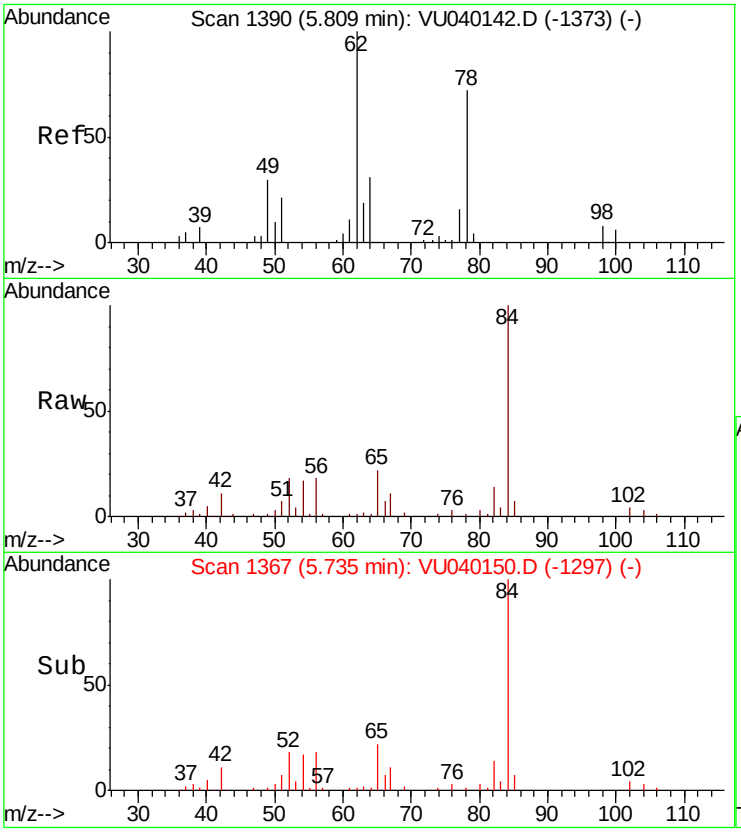




#15
Methyl Acetate
Concen: 0.089 ug/L
RT: 2.97 min Scan# 508
Delta R.T. -0.00 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 43 Resp: 553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.4 | 26.0# |



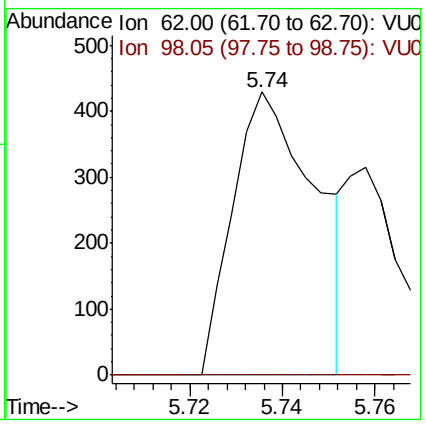


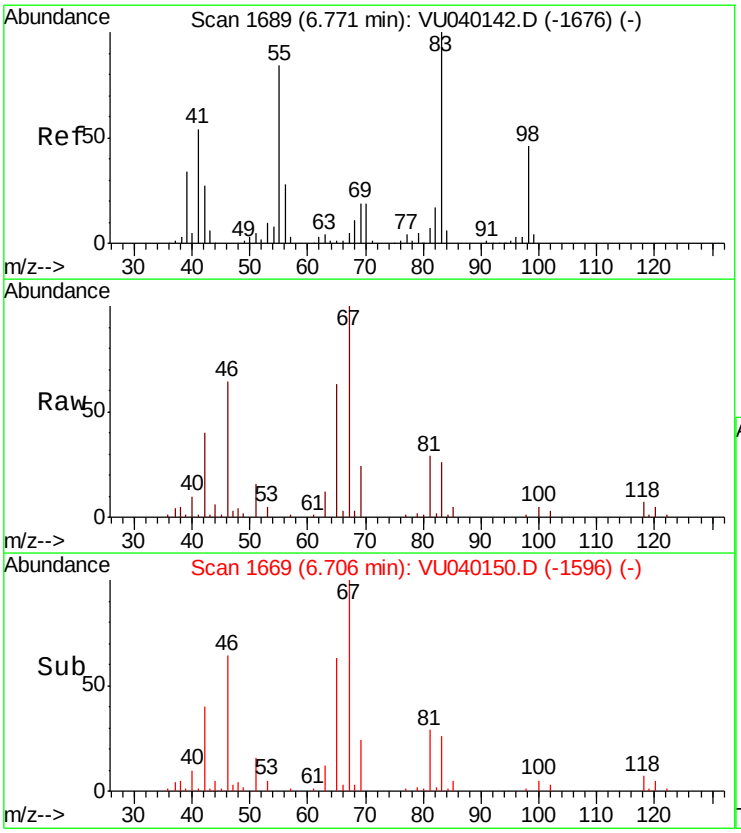

#27
1,2-Dichloroethane
Concen: 0.034 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB2

Tgt Ion: 62 Resp: 531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.1 | 9.1# |

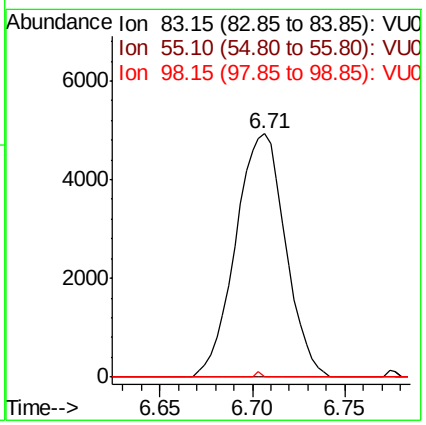


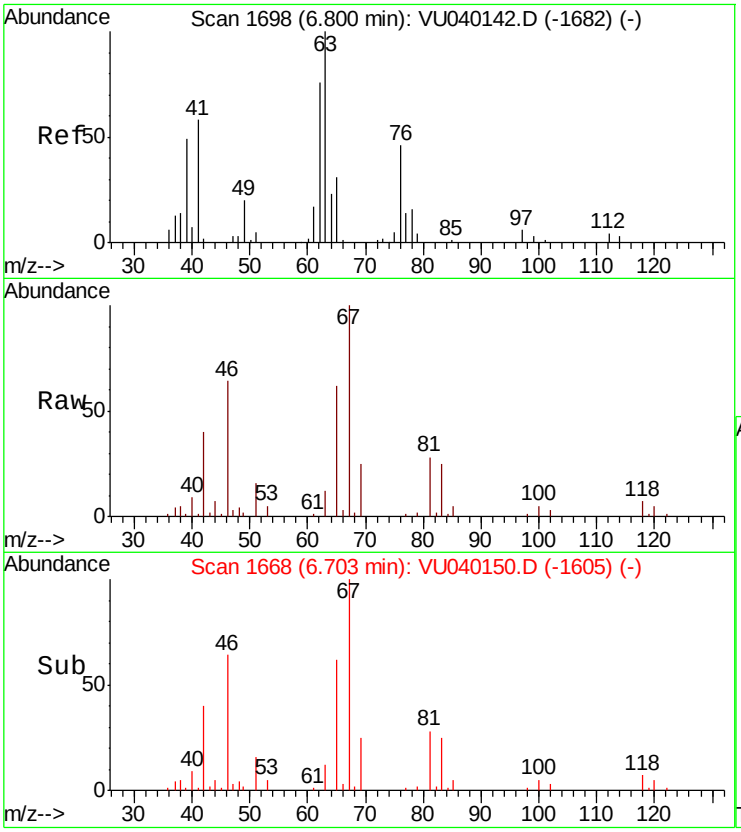




#35
Methylcyclohexane
Concen: 0.509 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 83 Resp: 9185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 70.5 | 105.7# |
| 98 | 0.2 | 37.8 | 56.6# |



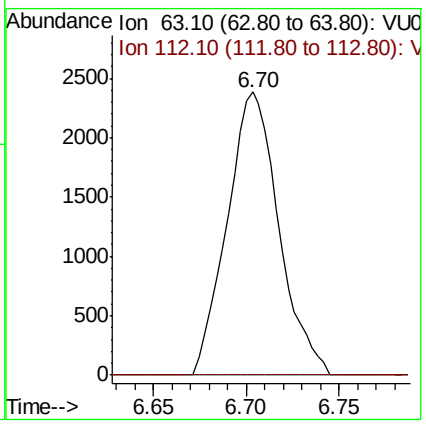


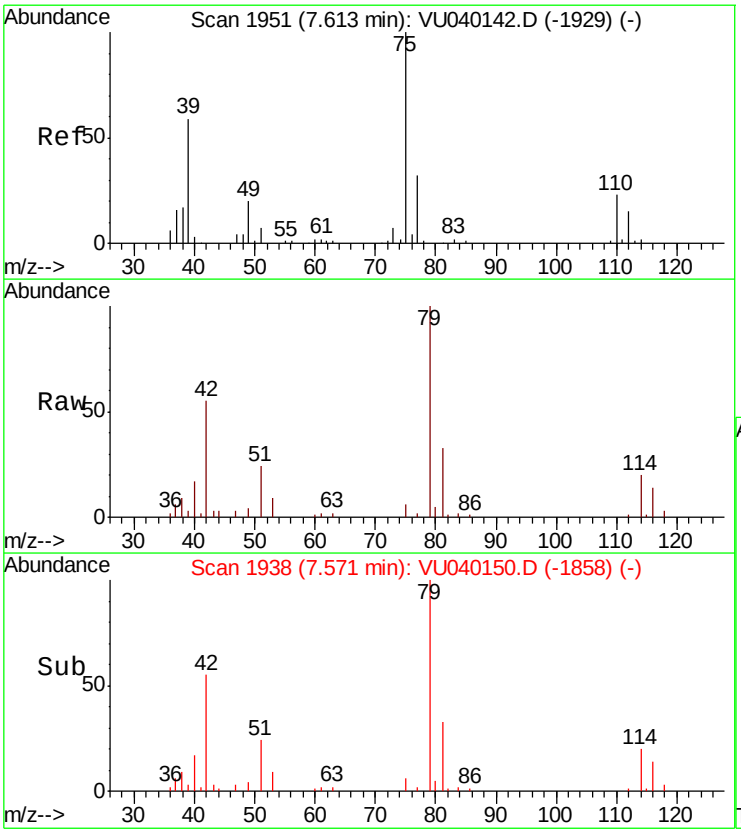

#37
1,2-Dichloropropane
Concen: 0.387 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AB2

Tgt Ion: 63 Resp: 4602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |

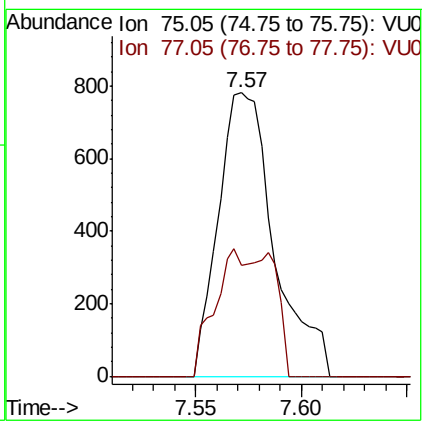


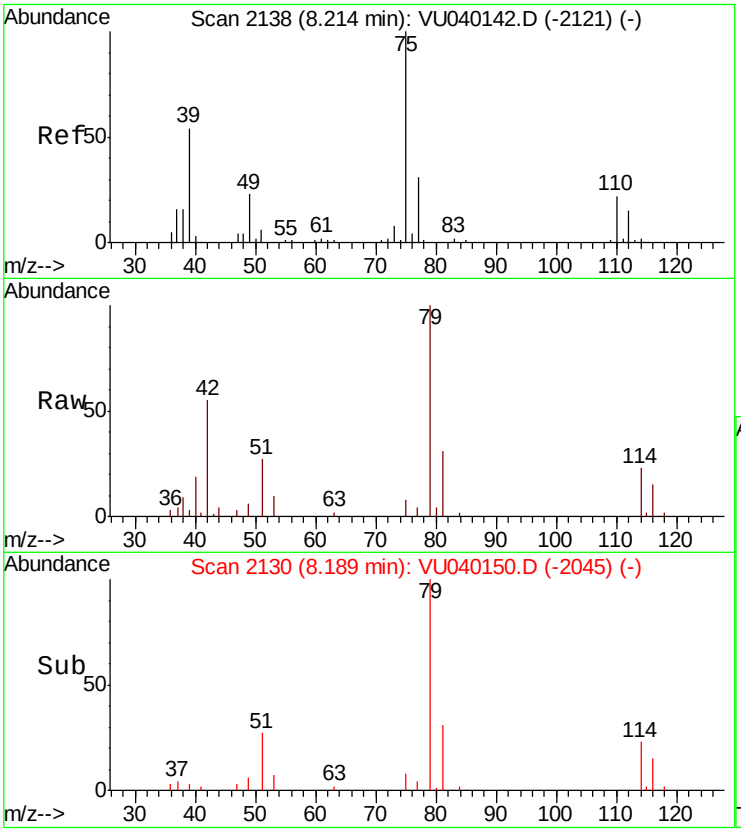




#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 75 Resp: 1436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.3 | 21.1 | 39.3# |



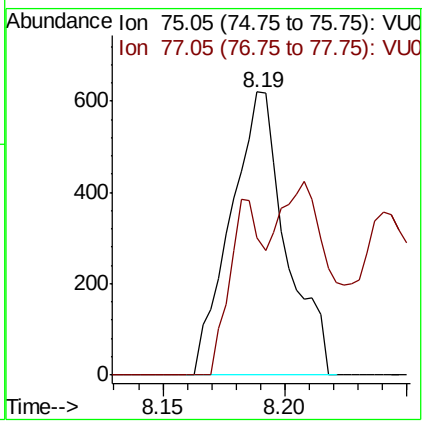


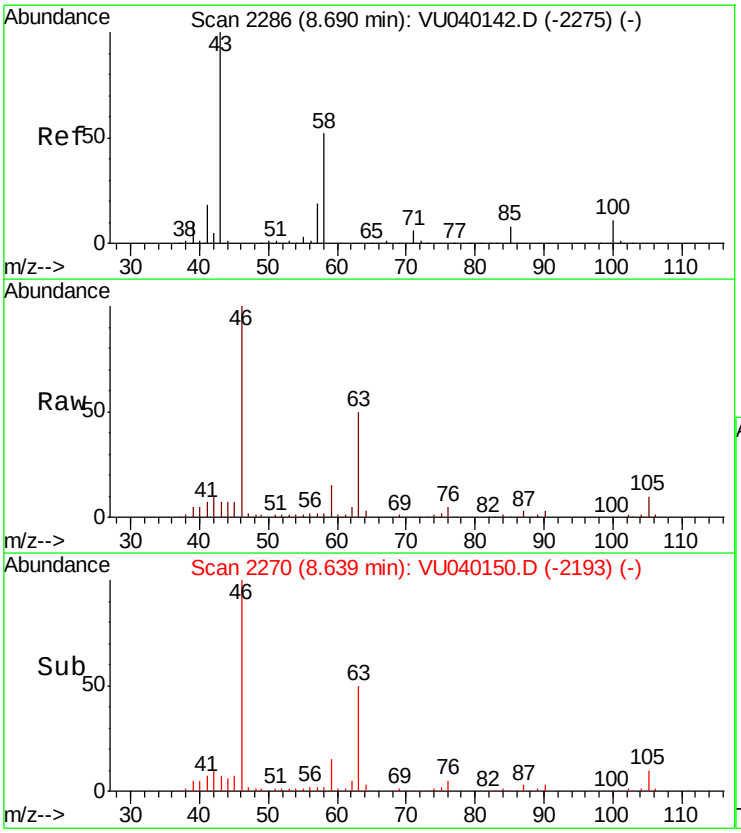

#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB2

Tgt Ion: 75 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.7 | 23.9 | 44.3# |

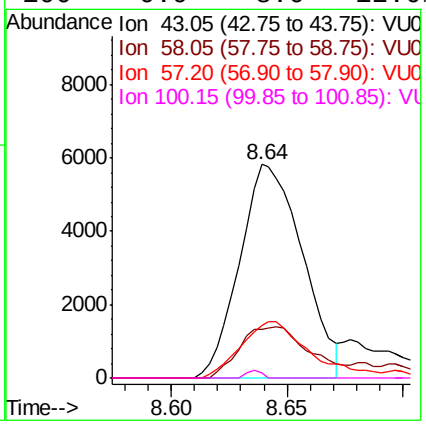


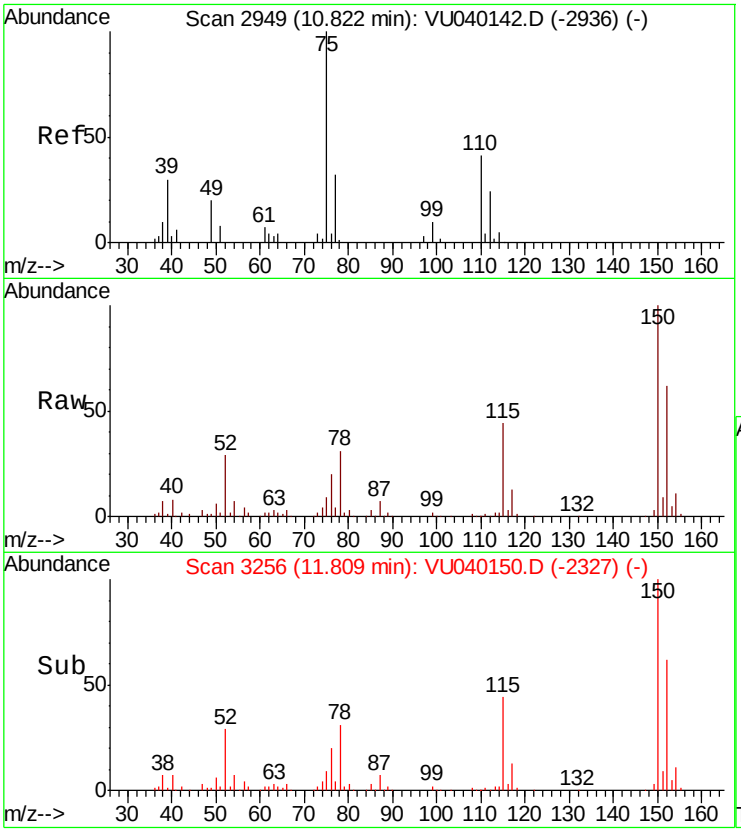




#48
2-Hexanone
Concen: 1.540 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 43 Resp: 10956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.4 | 39.6 | 59.4# |
| 57 | 28.8 | 14.3 | 21.5# |
| 100 | 0.9 | 8.0 | 12.0# |



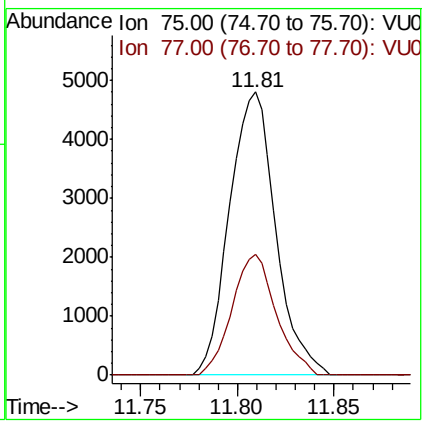


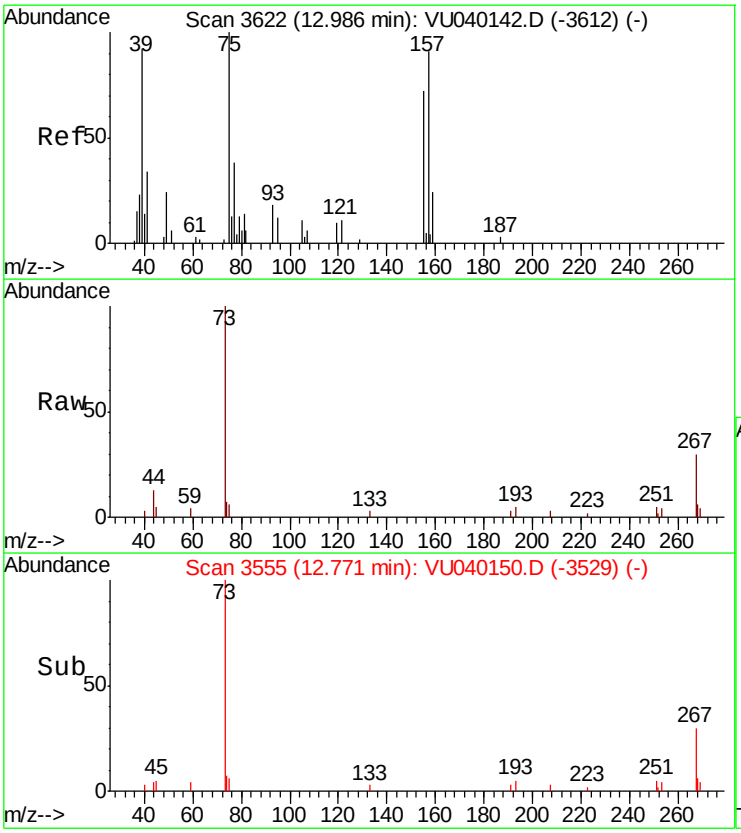

#59
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB2

Tgt Ion: 75 Resp: 7993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.7 | 24.9 | 37.3# |




#66
1,2-Dibromo-3-chloropropane
Concen: 0.194 ug/L
RT: 12.77 min Scan# 3555
Delta R.T. -0.22 min
Lab File: VU040150.D
Acq: 16 Sep 2020 16:03

Tgt Ion: 75 Resp: 379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 54.6 | 82.0# |
| 157 | 0.0 | 75.6 | 113.4# |