Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\

Quantitation Report (Not Reviewed)

Data File : VU036767.D
Acq On : 13 Feb 2020 13:15
Operator : JC/MD
Sample : L1517-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DBCW8

Quant Time: Feb 14 00:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 126384 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 116575 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 49774 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 46589 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 42681 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 90.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 64837 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.40% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 117131 | 51.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.78% | | | |
| 24) Chloroform-d | 5.11 | 84 | 79438 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 45903 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.60% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 174408 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 55656 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.00% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 157592 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 19797 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.60% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 97966 | 49.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.12% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 40618 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 49041 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.60% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 12) 1,1-Dichloroethene | 2.59 | 96 | 509 | 0.066 | ug/L # | 1 |
| 13) Acetone | 2.66 | 43 | 7831 | 2.687 | ug/L | 96 |
| 15) Methyl Acetate | 2.80 | 43 | 2765 | 0.715 | ug/L # | 52 |
| 16) Methylene chloride | 3.08 | 84 | 3576 | 0.276 | ug/L | 97 |
| 35) Methylcyclohexane | 6.73 | 83 | 12556 | 0.864 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.73 | 63 | 5757 | 0.586 | ug/L # | 89 |
| 38) Bromodichloromethane | 7.14 | 83 | 945 | 0.081 | ug/L # | 93 |
| 39) cis-1,3-Dichloropropene | 7.60 | 75 | 1487 | 0.105 | ug/L # | 79 |
| 49) Dibromochloromethane | 8.83 | 129 | 1151 | 0.163 | ug/L | 80 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 7282 | 1.123 | ug/L # | 87 |
| 69) Naphthalene | 14.13 | 128 | 5833 | 0.354 | ug/L | 98 |

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

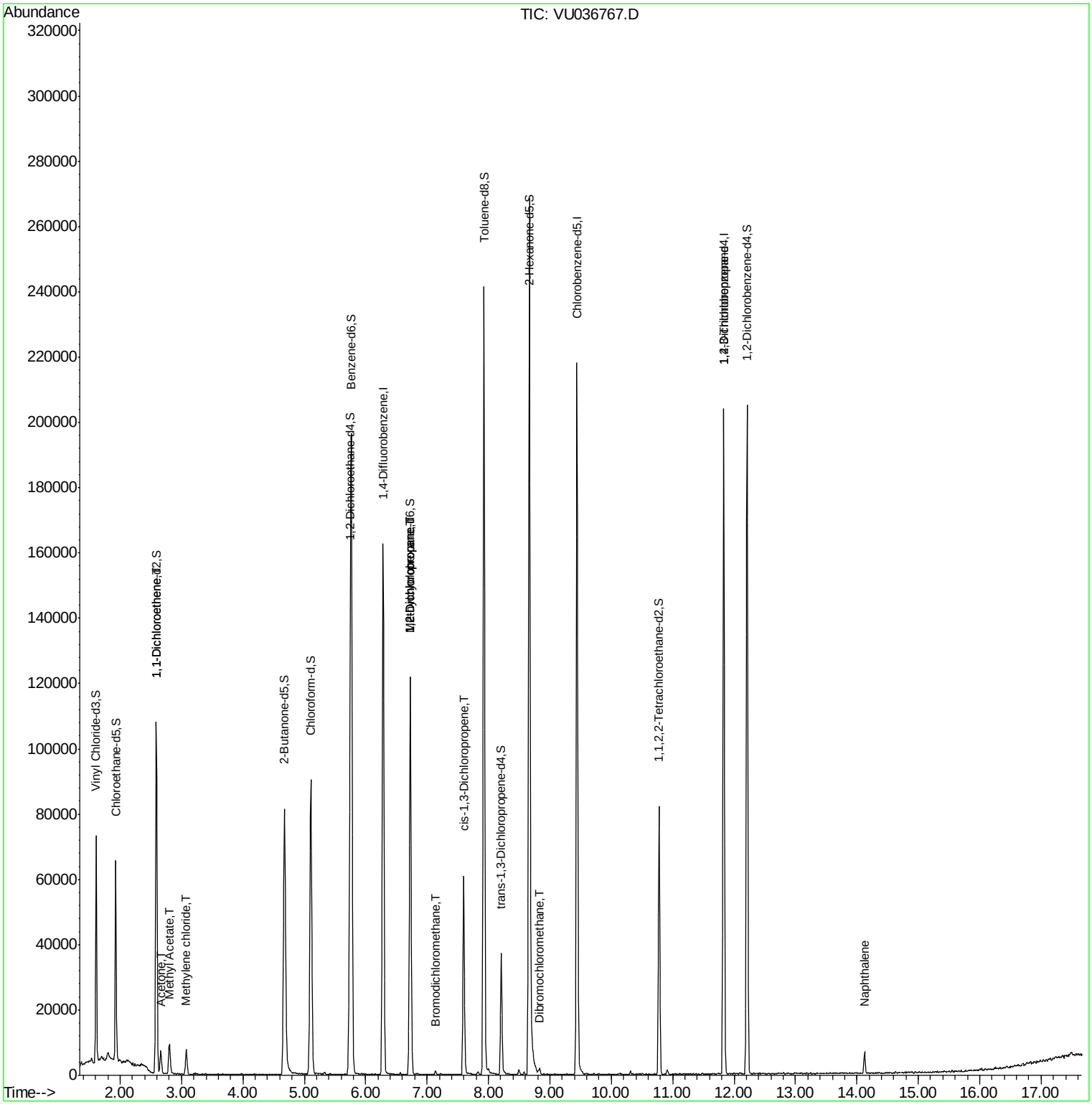
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\

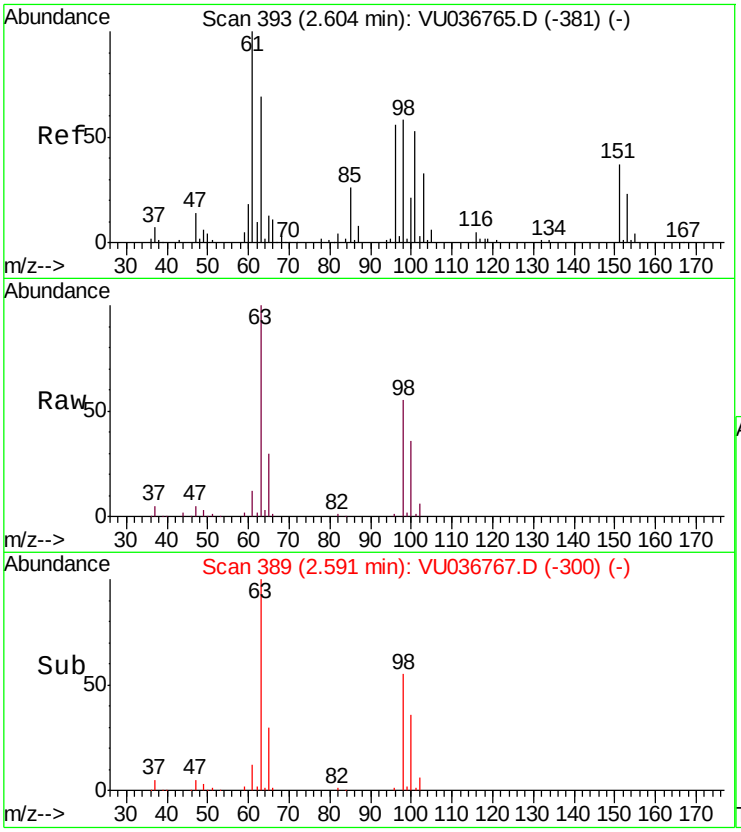
Quantitation Report (Not Reviewed)

Data File : VU036767.D
Acq On : 13 Feb 2020 13:15
Operator : JC/MD
Sample : L1517-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DBCW8

Quant Time: Feb 14 00:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration



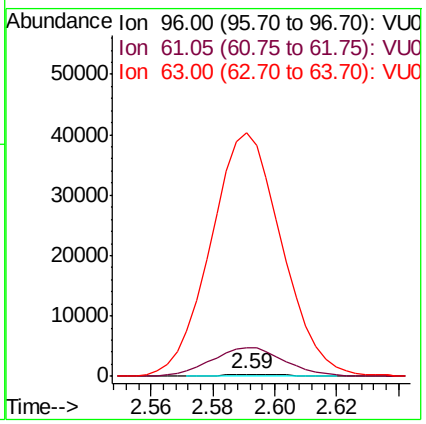


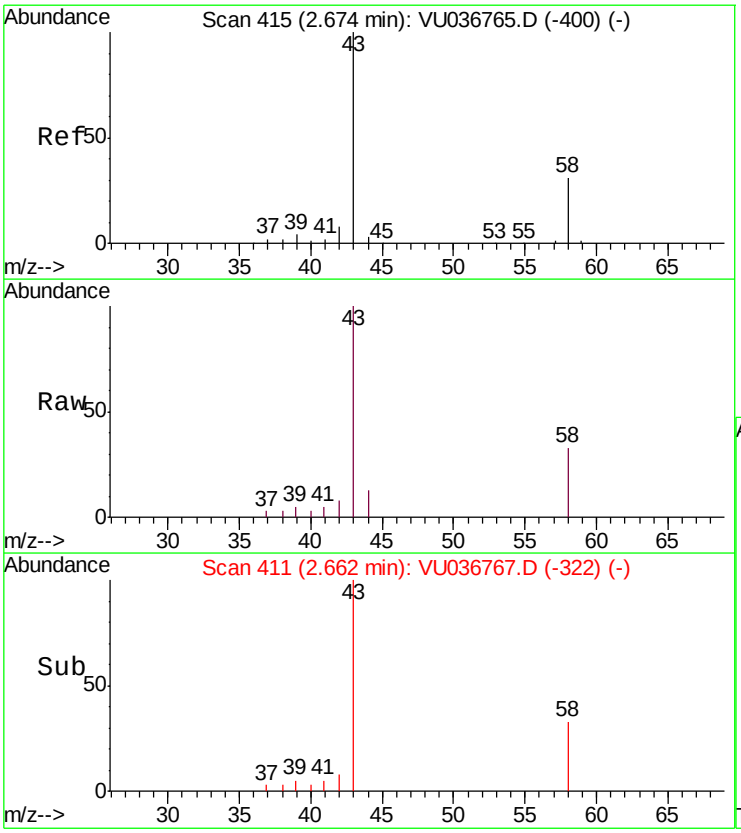

#12
1,1-Dichloroethene
Concen: 0.066 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCW8

Tgt Ion: 96 Resp: 509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1423.9 | 126.4 | 234.8# |
| 63 | 11891.4 | 89.5 | 166.3# |

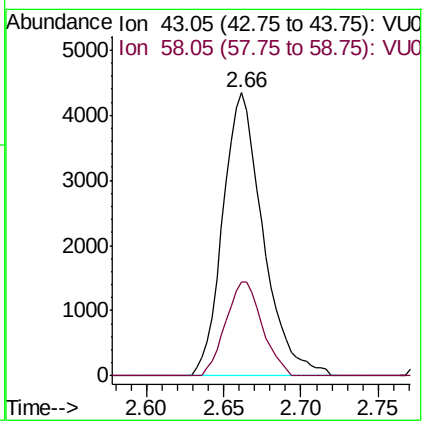


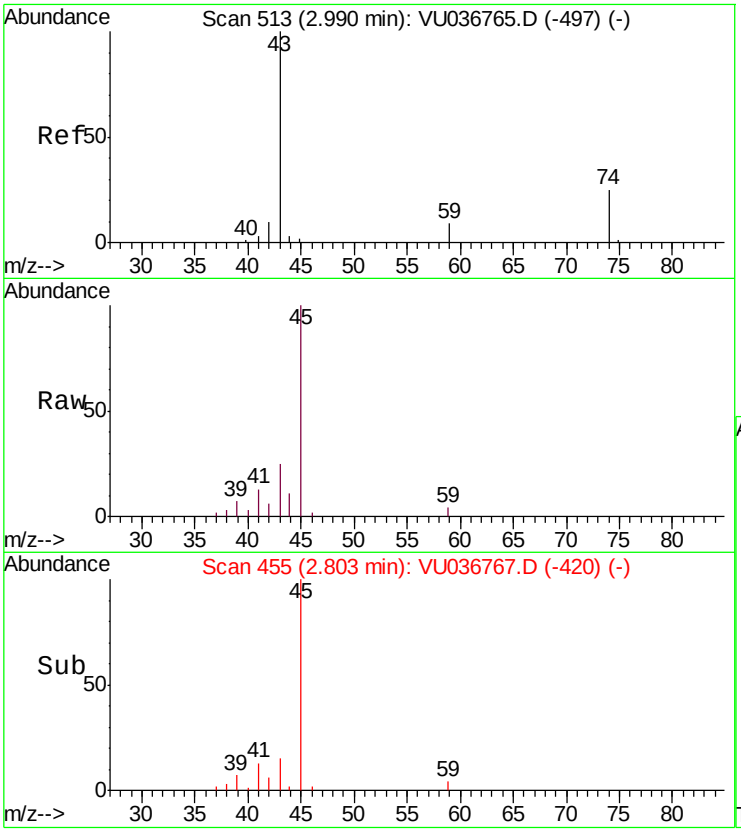




#13
Acetone
Concen: 2.687 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

Tgt Ion: 43 Resp: 7831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 0.0 | 64.2 |



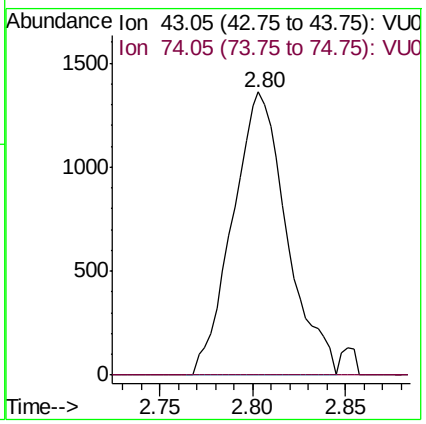


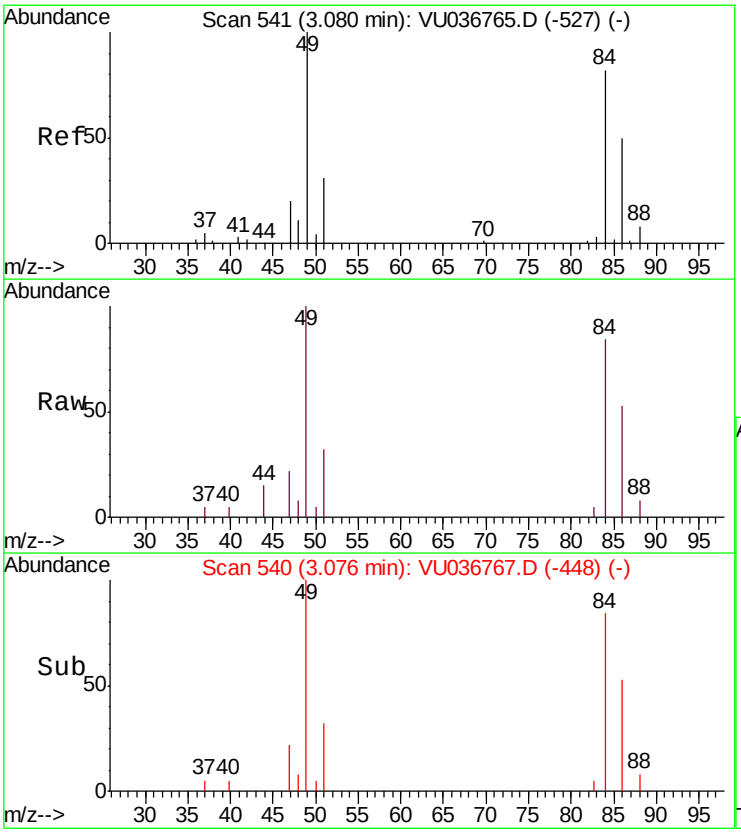

#15
Methyl Acetate
Concen: 0.715 ug/L
RT: 2.80 min Scan# 455
Delta R.T. -0.19 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCW8

Tgt Ion: 43 Resp: 2765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.0 | 28.4# |

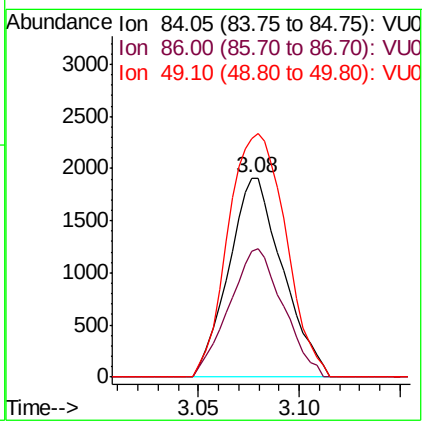


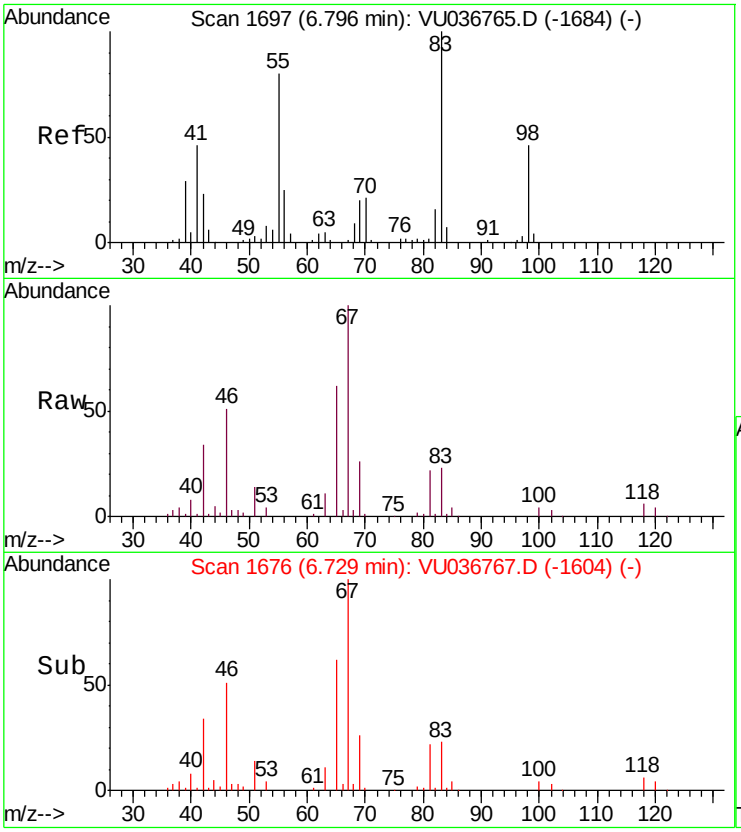




#16
Methylene chloride
Concen: 0.276 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

Tgt Ion: 84 Resp: 3576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.1 | 44.7 | 82.9 |
| 49 | 119.7 | 86.7 | 160.9 |



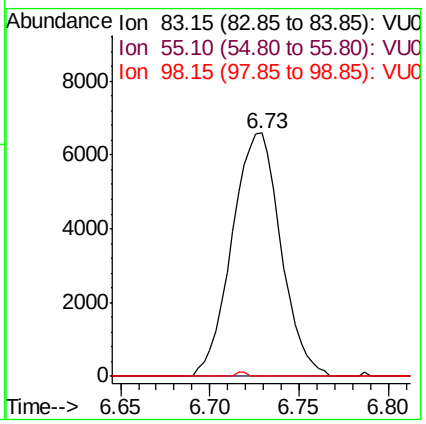


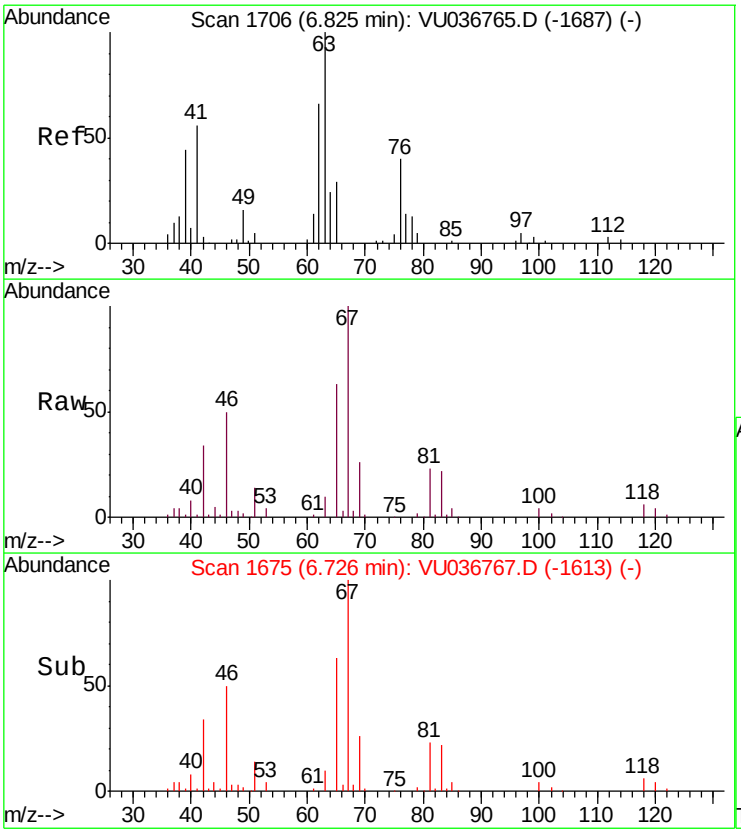

#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :** MSVOA_U
**ClientSampleId :** DBCW8

Tgt Ion: 83 Resp: 12556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 61.0 | 91.4# |
| 98 | 0.4 | 34.2 | 51.4# |

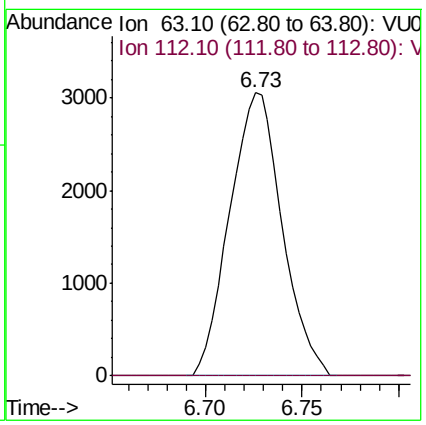


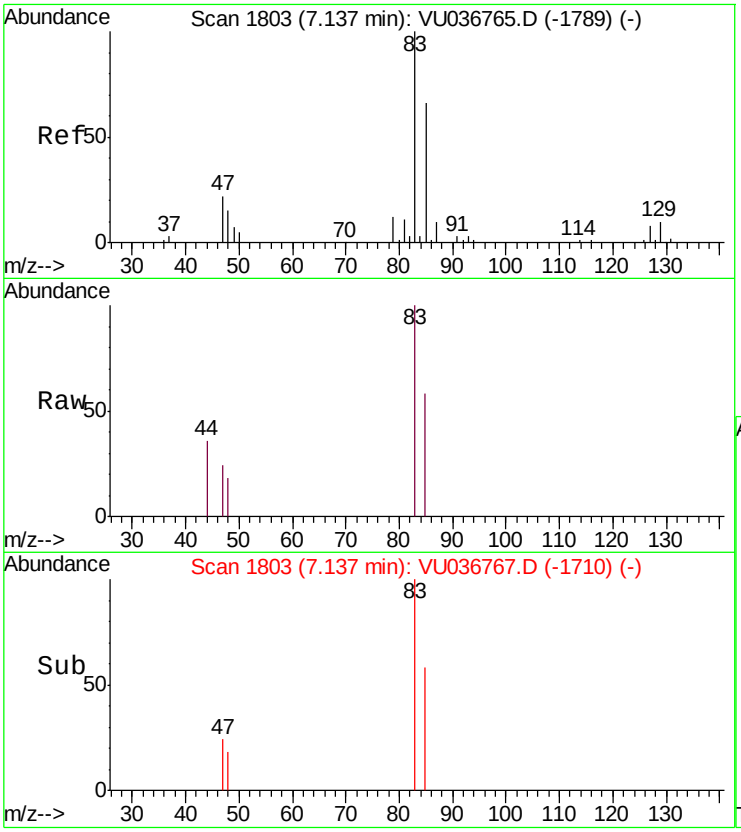




#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

Tgt Ion: 63 Resp: 5757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.0 | 4.4# |



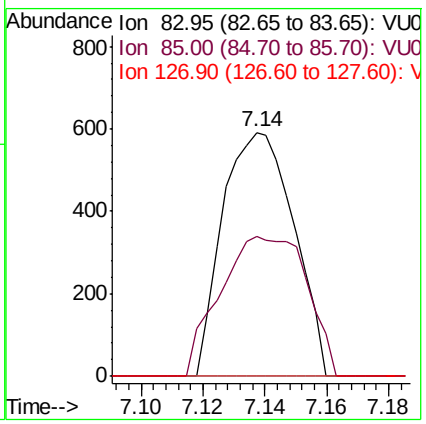


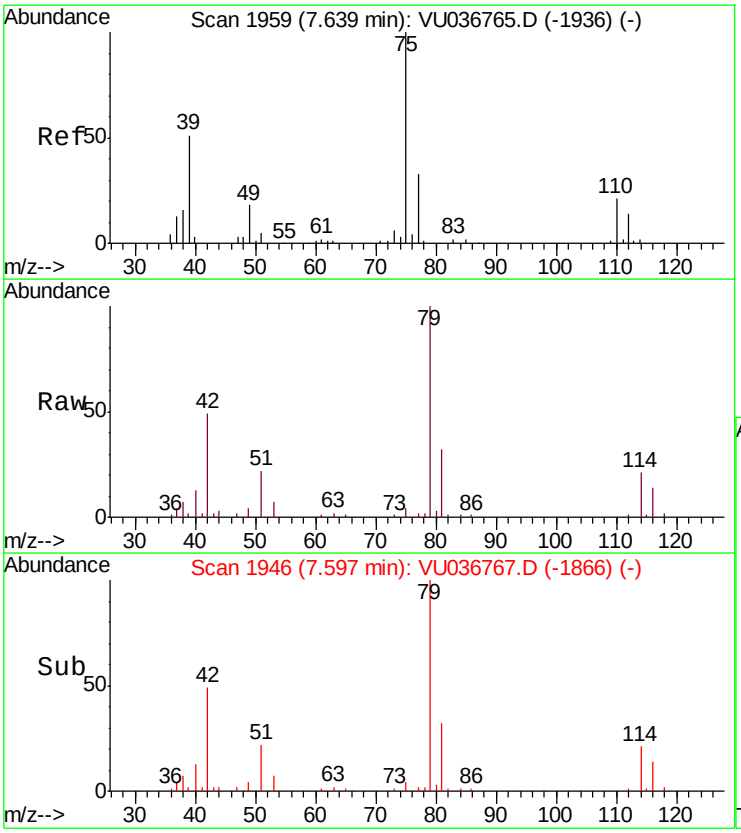

#38
Bromodichloromethane
Concen: 0.081 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :** MSVOA_U
**ClientSampleId :** DBCW8

Tgt Ion: 83 Resp: 945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.5 | 43.0 | 80.0 |
| 127 | 0.0 | 6.3 | 9.5# |

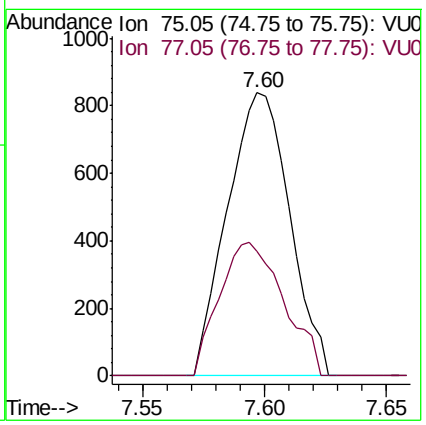


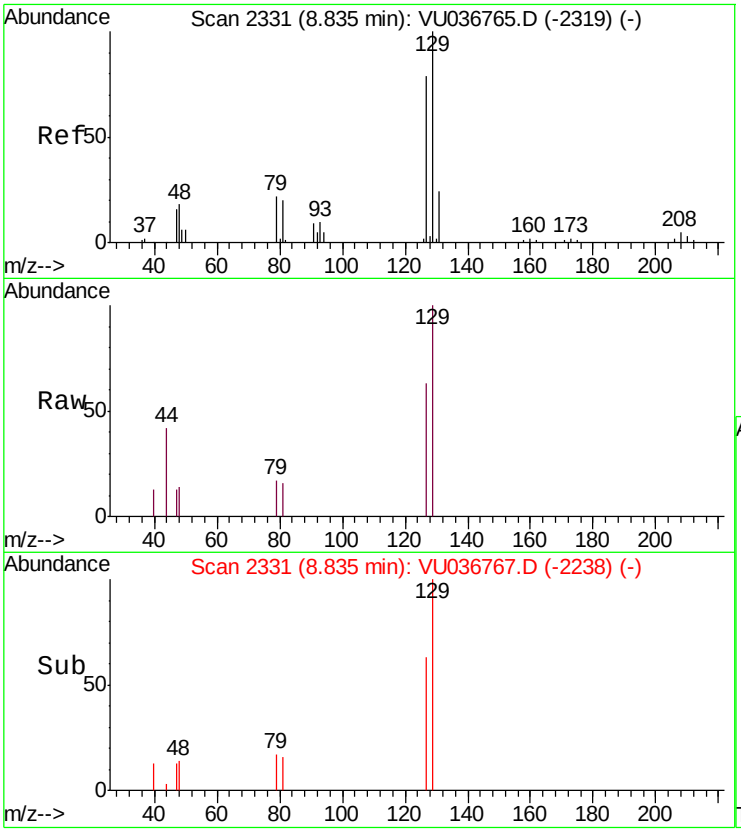




#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

Tgt Ion: 75 Resp: 1487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.2 | 22.5 | 41.9# |



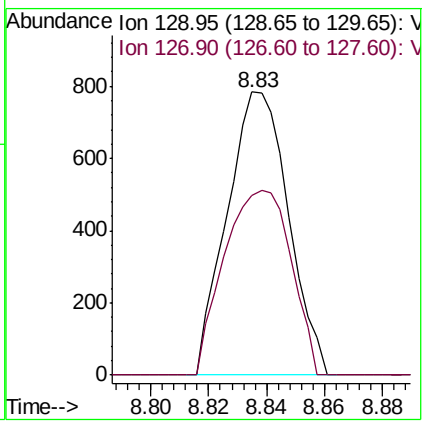


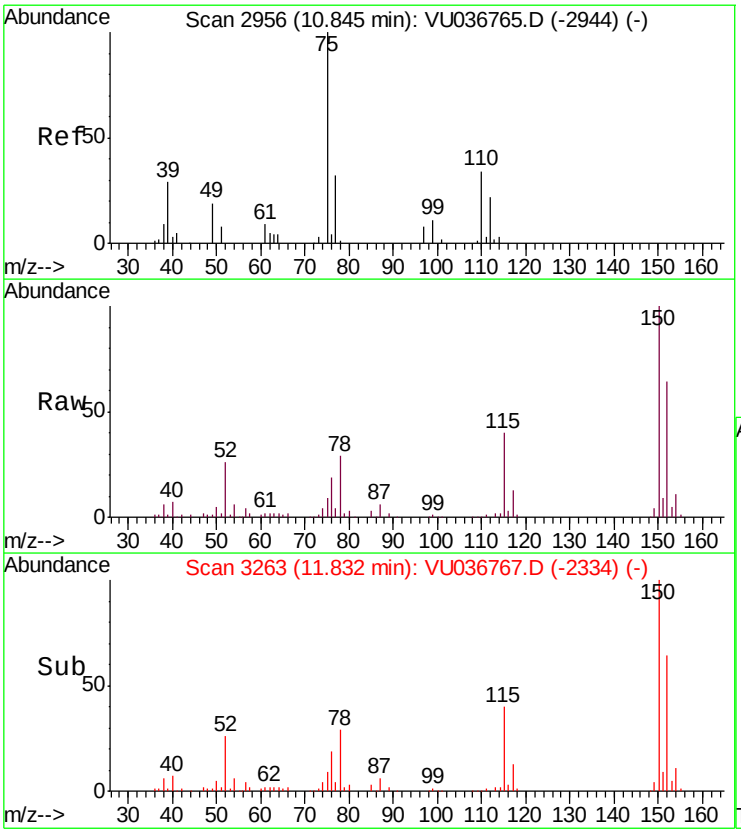

#49
Dibromochloromethane
Concen: 0.163 ug/L
RT: 8.83 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :** MSVOA_U
**ClientSampleId :** DBCW8

Tgt Ion:129 Resp: 1151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 63.4 | 56.7 | 105.3 |

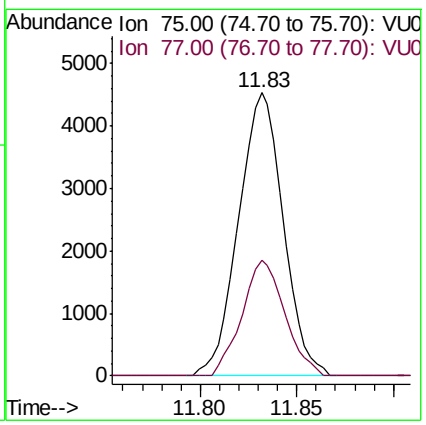


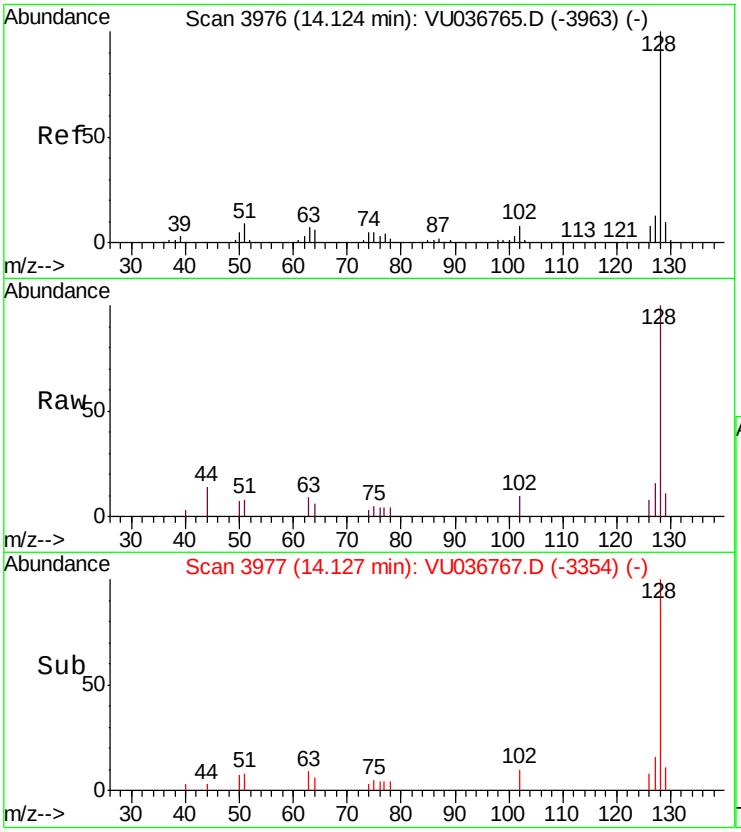




#59
1,2,3-Trichloropropane
Concen: 1.123 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

Tgt Ion: 75 Resp: 7282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.2 | 25.6 | 38.4# |






#69
Naphthalene
Concen: 0.354 ug/L
RT: 14.13 min Scan# 3977
Delta R.T. 0.00 min
Lab File: VU036767.D
Acq: 13 Feb 2020 13:15

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCW8

Tgt Ion:128 Resp: 5833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.3 | 9.0 | 13.4 |
| 127 | 13.3 | 10.8 | 16.2 |