Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039208.D
Acq On : 29 Jun 2020 21:45
Operator : SY/MD
Sample : L3104-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F9F66

Quant Time: Jun 30 01:41:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 01:35:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 209574 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 215396 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152 | 92877 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 54454 | 2.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 56.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 56082 | 3.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 73.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 91263 | 2.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 50.80%# | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 292039 | 49.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.40% | | | |
| 24) Chloroform-d | 5.10 | 84 | 144719 | 4.23 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 93889 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.60% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 257804 | 3.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 76.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 89670 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 83.80% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 201095 | 3.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 68.20%# | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 27911 | 2.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 56.00% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 213661 | 47.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.14% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 81964 | 4.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 82.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 84323 | 4.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 86.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 35) Methylcyclohexane | 6.72 | 83 | 21177 | 0.801 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 10200 | 0.554 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 1975 | 0.075 | ug/L # | 53 |
| 47) Tetrachloroethene | 8.57 | 164 | 4326 | 0.339 | ug/L | 91 |
| 48) 2-Hexanone | 8.70 | 43 | 14916 | 1.469 | ug/L # | 79 |
| 49) Dibromochloromethane | 8.57 | 129 | 3870 | 0.246 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.82 | 75 | 12685 | 0.915 | ug/L # | 86 |

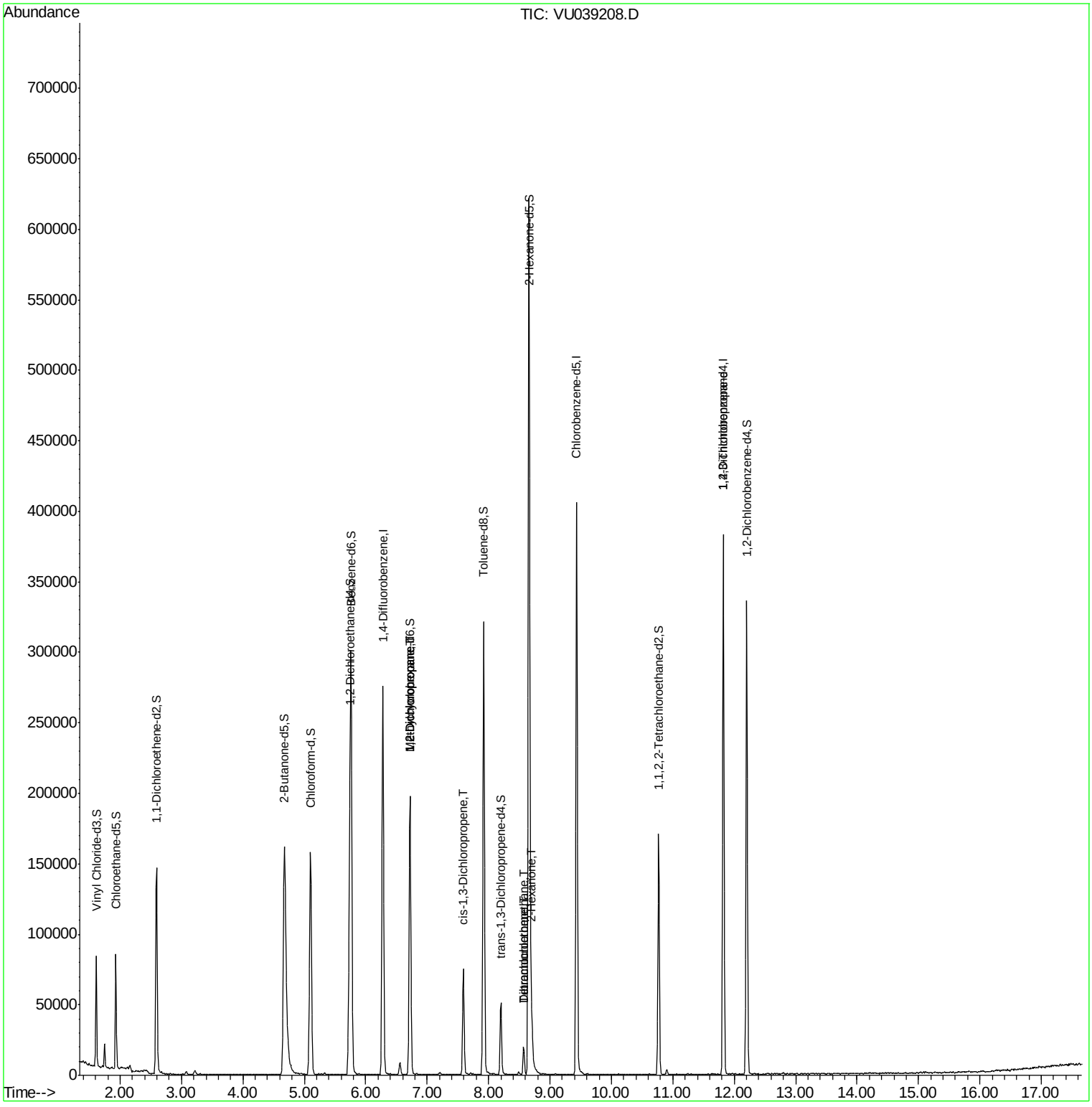
(#) = qualifier out of range (m) = manual integration (+) = signals summed

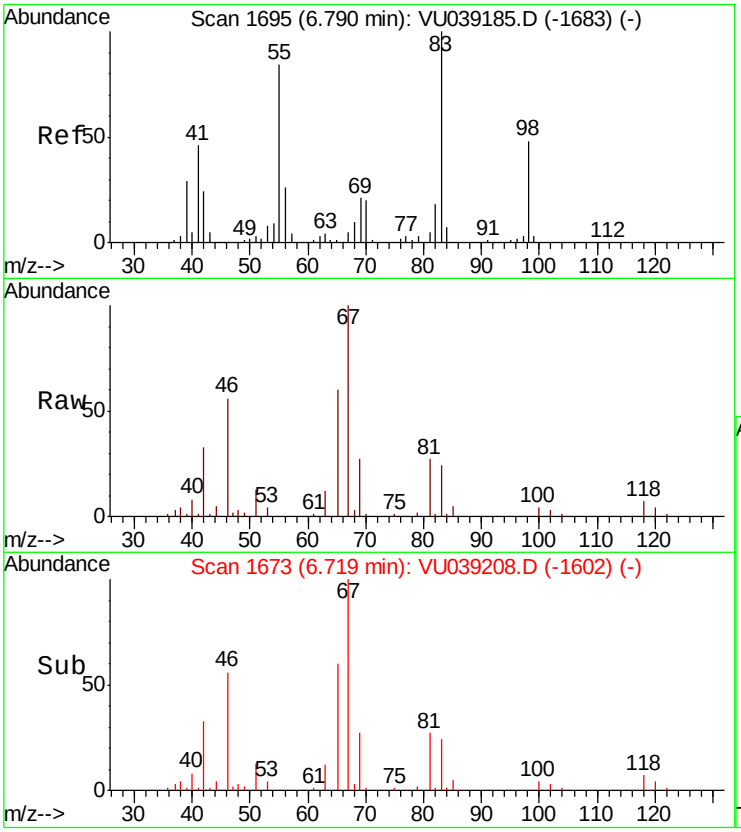
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039208.D
Acq On : 29 Jun 2020 21:45
Operator : SY/MD
Sample : L3104-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F9F66

Quant Time: Jun 30 01:41:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 01:35:59 2020
Response via : Initial Calibration



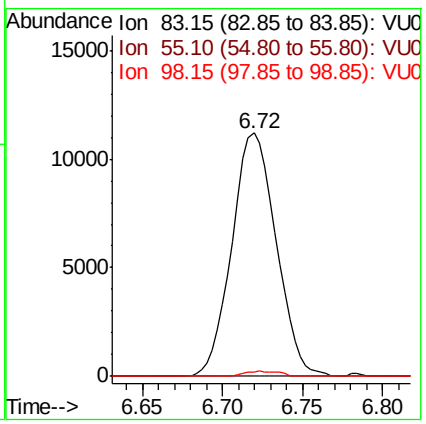


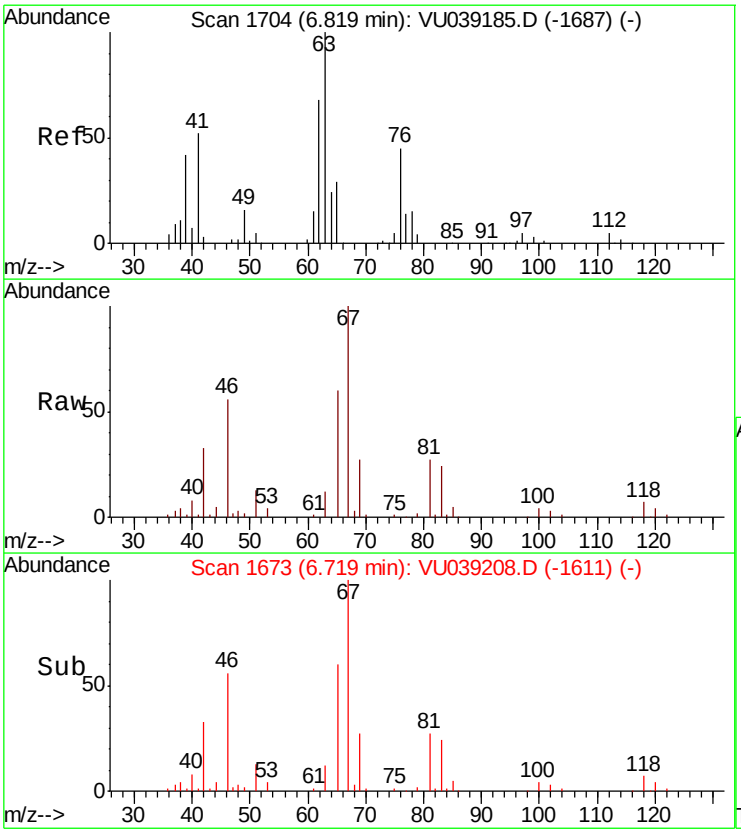

#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

**Instrument :** MSVOA_U
**ClientSampleId :** F9F66

Tgt Ion: 83 Resp: 21177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 65.5 | 98.3# |
| 98 | 1.6 | 38.2 | 57.4# |

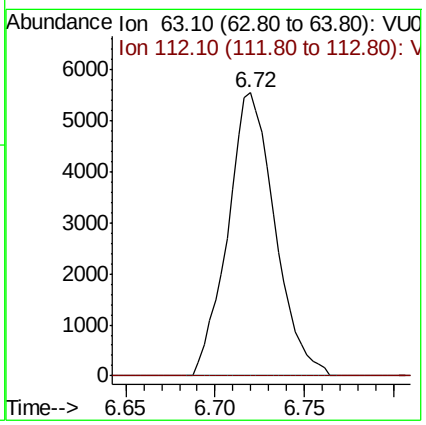


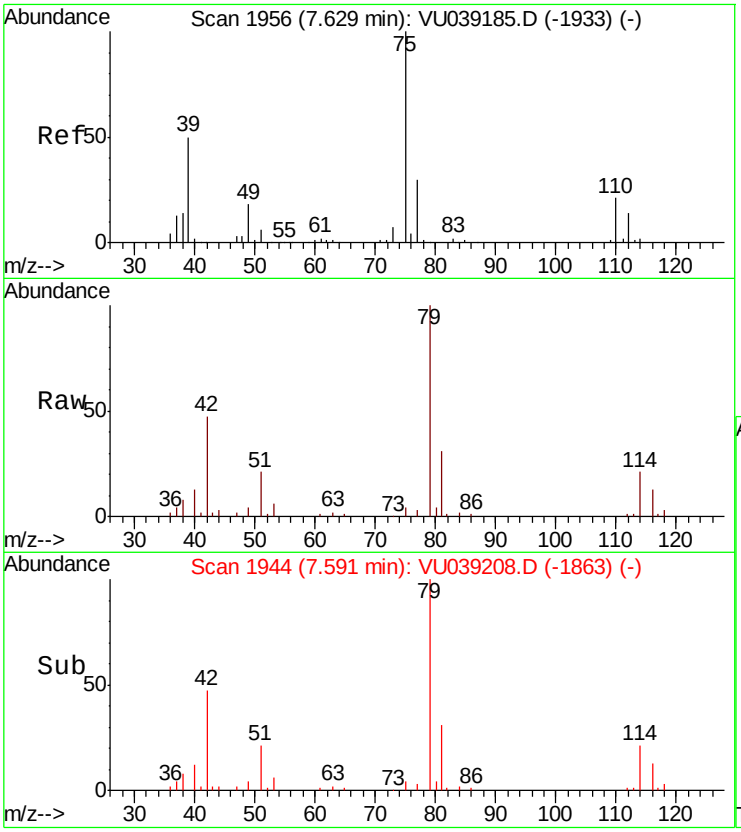




#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

Tgt Ion: 63 Resp: 10200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |



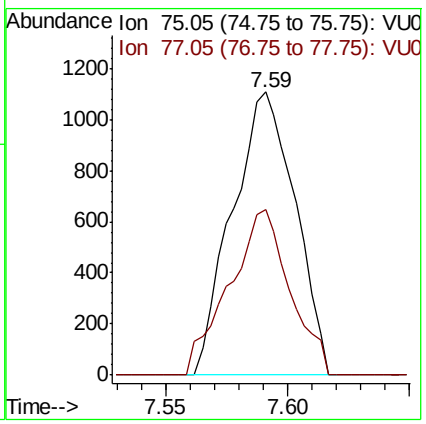


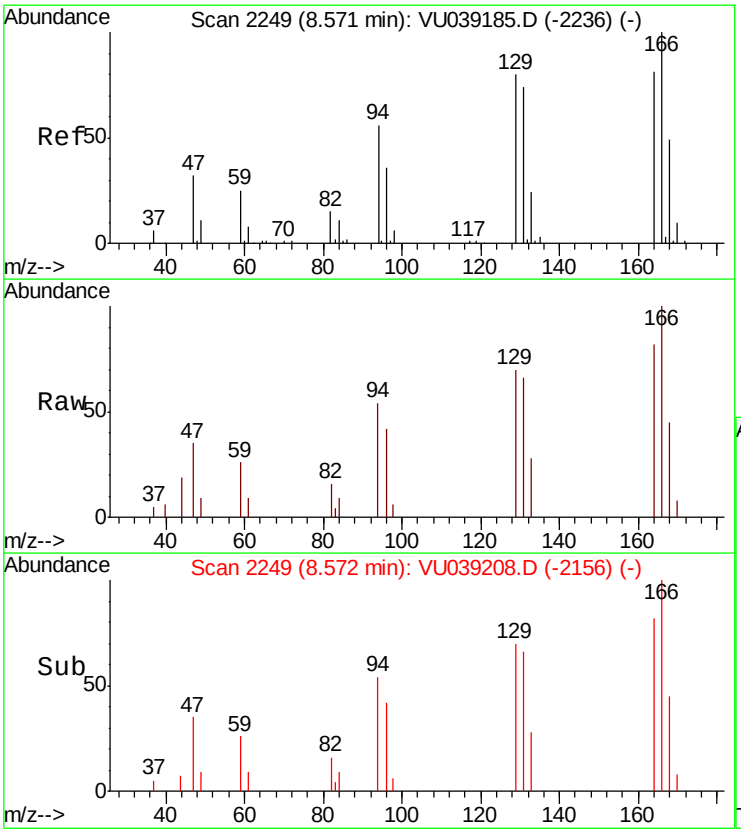

#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

**Instrument :**
MSVOA_U
**ClientSampleId :**
F9F66

Tgt Ion: 75 Resp: 1975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 58.7 | 22.7 | 42.1# |

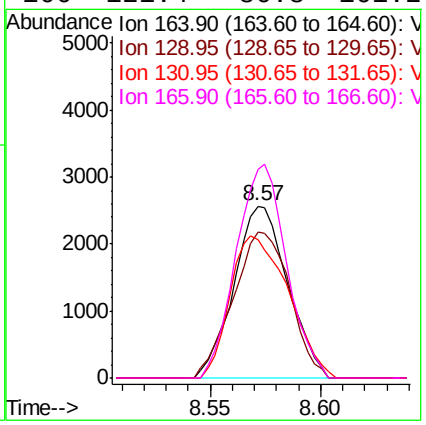


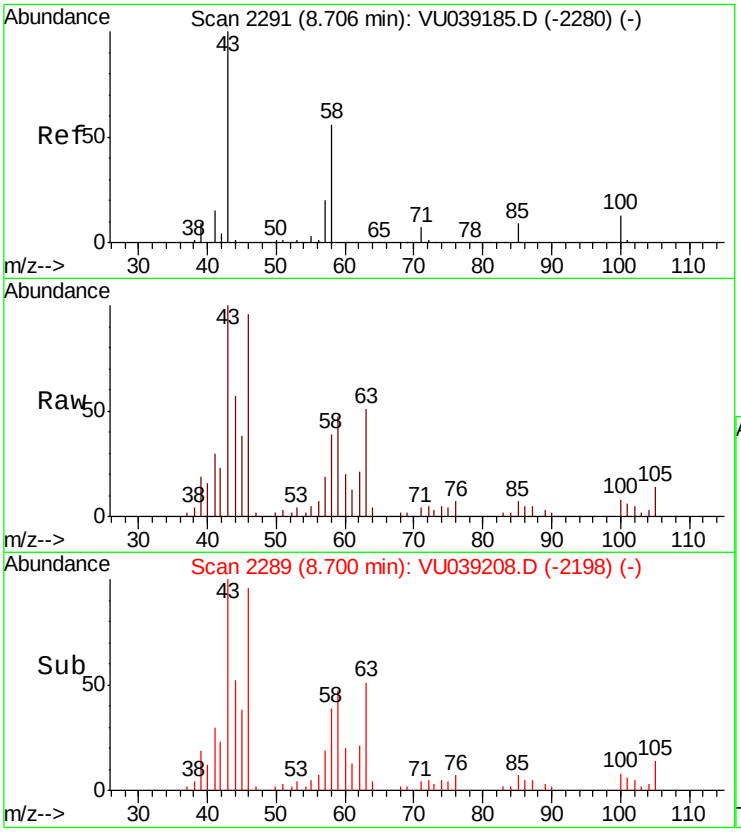




#47
Tetrachloroethene
Concen: 0.339 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. 0.00 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

Tgt Ion:164 Resp: 4326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 85.0 | 67.6 | 125.6 |
| 131 | 80.4 | 66.1 | 122.7 |
| 166 | 121.4 | 86.8 | 161.2 |



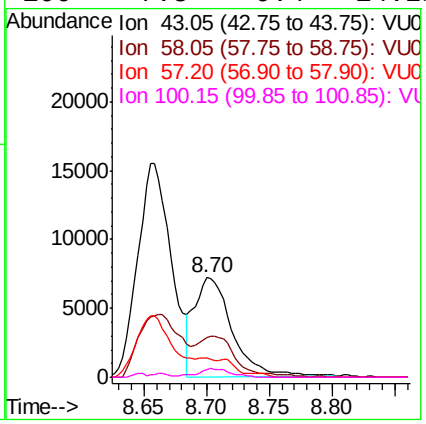


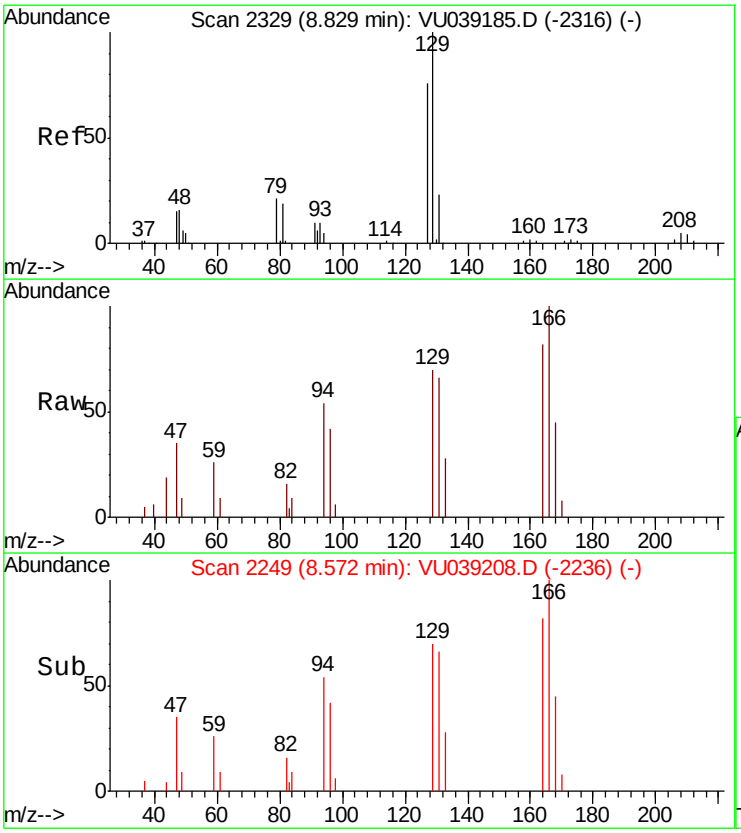

#48
2-Hexanone
Concen: 1.469 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.01 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

**Instrument :** MSVOA_U
**ClientSampleId :** F9F66

Tgt Ion: 43 Resp: 14916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.5 | 43.6 | 65.4# |
| 57 | 0.0 | 15.6 | 23.4# |
| 100 | 7.8 | 9.4 | 14.2# |

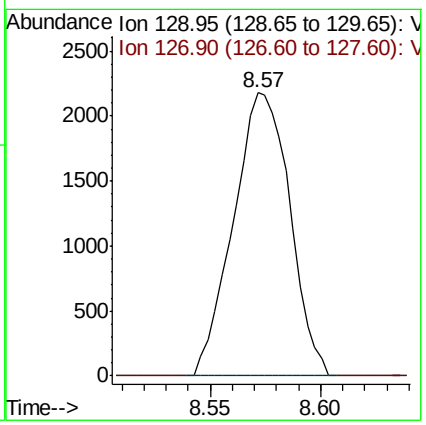


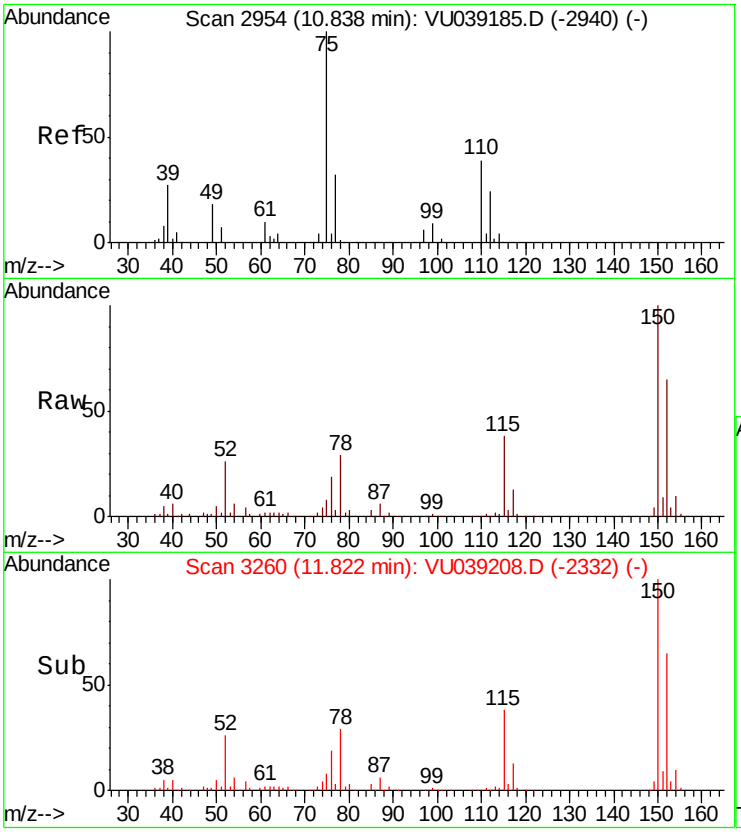




#49
Dibromochloromethane
Concen: 0.246 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

Tgt Ion:129 Resp: 3870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.5 | 99.3# |






#59
1,2,3-Trichloropropane
Concen: 0.915 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039208.D
Acq: 29 Jun 2020 21:45

**Instrument :**
MSVOA_U
**ClientSampleId :**
F9F66

Tgt Ion: 75 Resp: 12685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.7 | 25.6 | 38.4# |