Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
Data File : VU052057.D
Acq On : 22 Nov 2022 22:30
Operator : JC/MD
Sample : N5684-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 23 00:50:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 217695 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 229453 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 87828 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 104630 | 4.941 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.800% | | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 85685 | 5.210 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 104.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 65 | 37615 | 4.956 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 99.200% | | | |
| 20) 2-Butanone-d5 | 4.626 | 46 | 193737 | 50.475 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 100.940% | | | |
| 24) Chloroform-d | 5.060 | 84 | 163096 | 5.242 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 83902 | 5.339 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.800% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 334664 | 4.913 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 107225 | 5.086 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.800% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 262776 | 4.264 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 27262 | 3.549 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 71.000% | | | |
| 46) 2-Hexanone-d5 | 8.632 | 63 | 137630 | 42.274 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 84.540% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84 | 87936 | 4.811 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 94516 | 5.621 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.523 | 50 | 6378 | 0.259 | ug/L | 95 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565 | 101 | 1088 | 0.068 | ug/L # | 20 |
| 13) Acetone | 2.633 | 43 | 45521 | 17.465 | ug/L | 99 |
| 34) Trichloroethene | 6.546 | 95 | 3826 | 0.205 | ug/L | 98 |
| 35) Methylcyclohexane | 6.687 | 83 | 23954 | 0.894 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.690 | 63 | 10573 | 0.547 | ug/L # | 89 |
| 49) Dibromochloromethane | 8.549 | 129 | 2320 | 0.143 | ug/L # | 12 |
| 61) 1,2,3-Trichloropropane | 11.809 | 75 | 10706 | 1.065 | ug/L # | 68 |

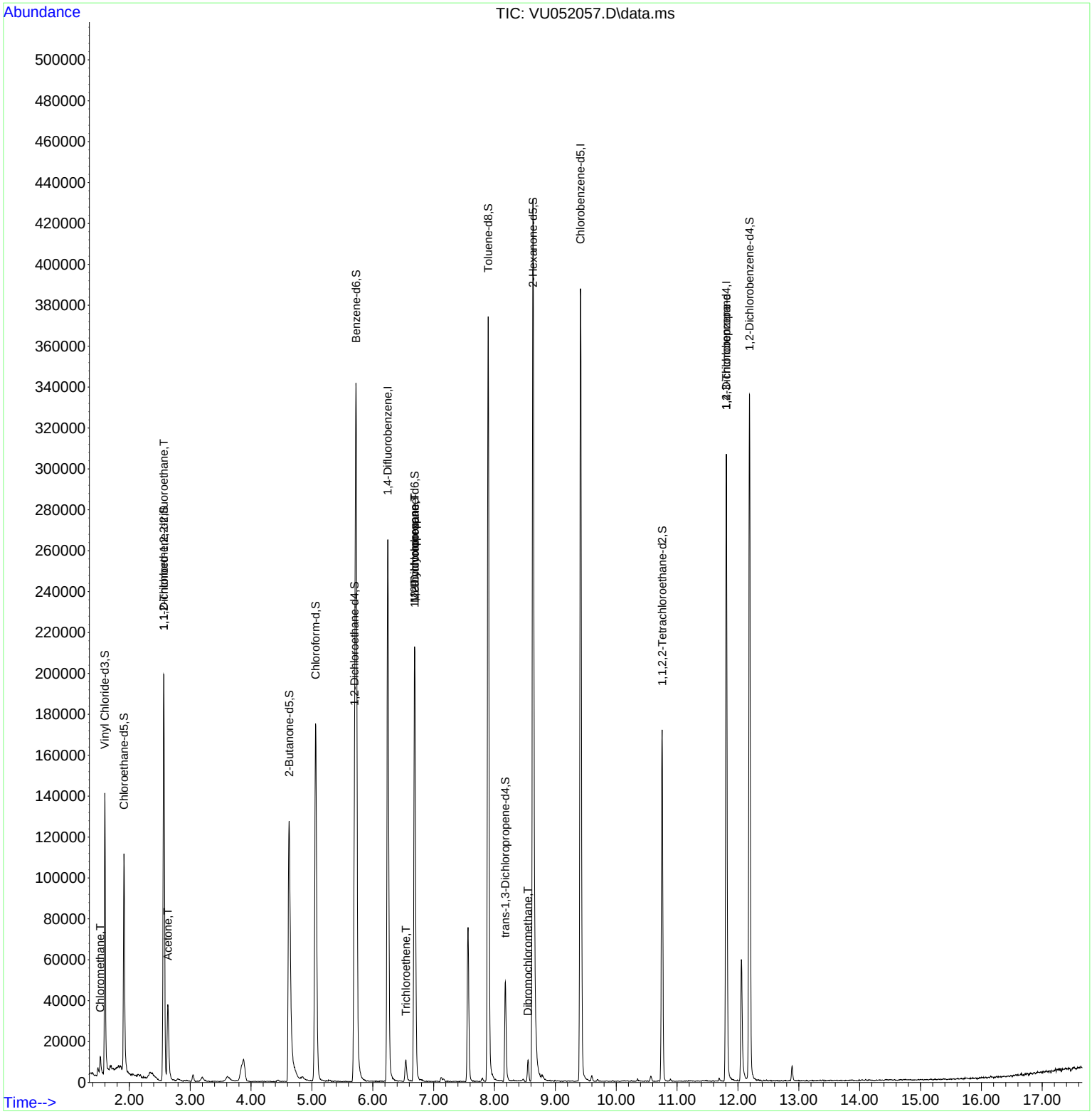
(#) = qualifier out of range (m) = manual integration (+) = signals summed

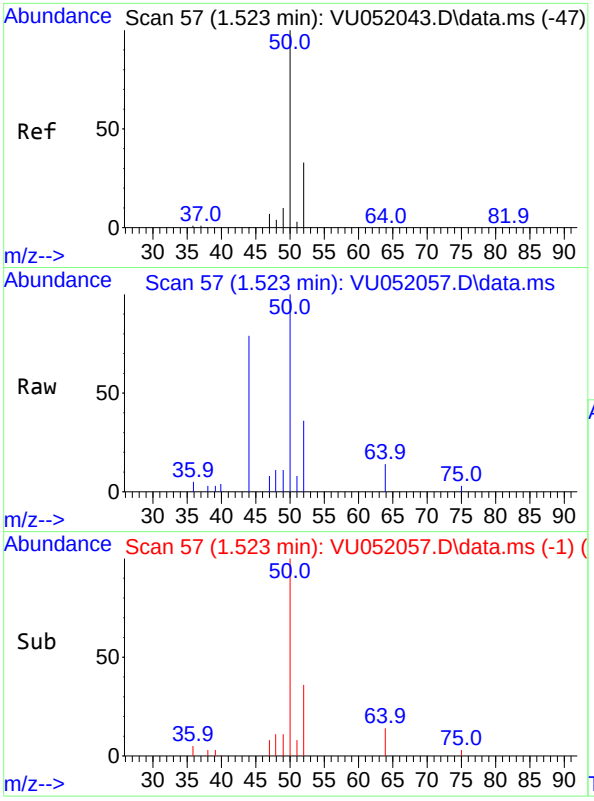
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
Data File : VU052057.D
Acq On : 22 Nov 2022 22:30
Operator : JC/MD
Sample : N5684-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 23 00:50:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration



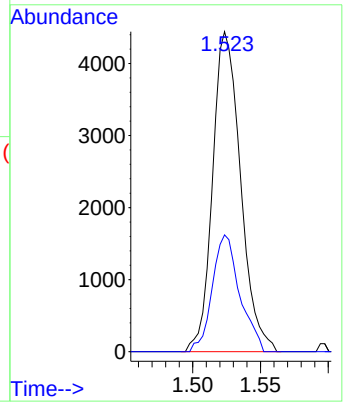


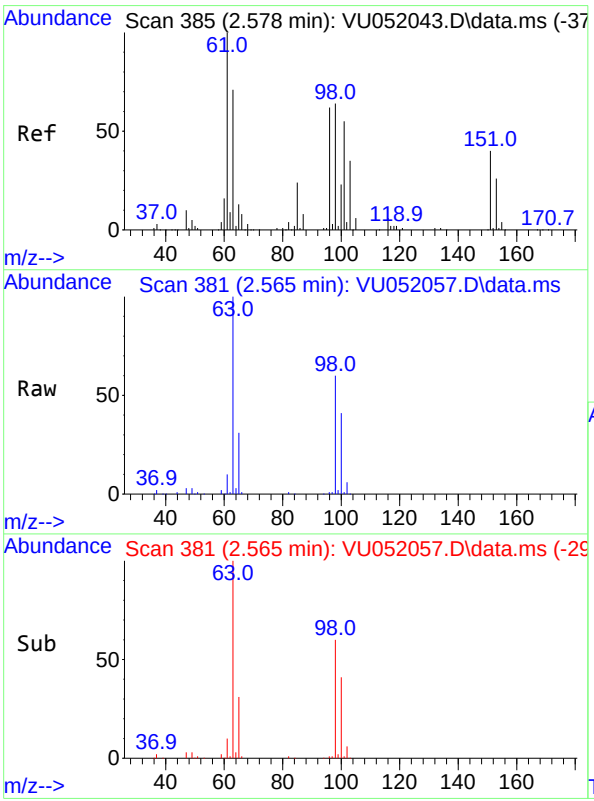

#3
Chloromethane
Concen: 0.259 ug/L
RT: 1.523 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

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

Tgt Ion: 50 Resp: 6378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.5 | 23.4 | 43.4 |

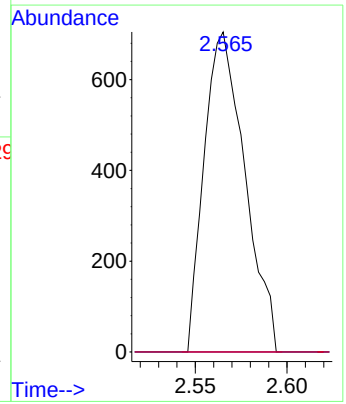


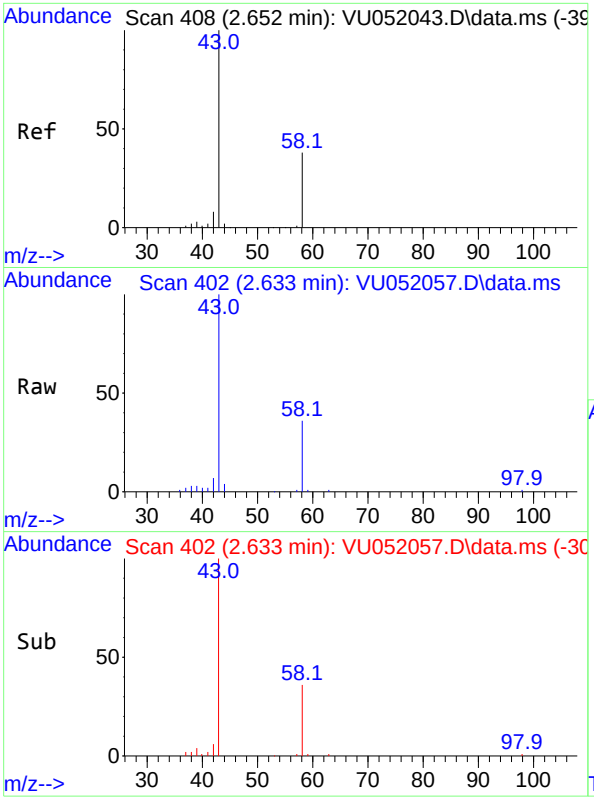




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

Tgt Ion:101 Resp: 1088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 33.8 | 50.6# |
| 151 | 0.0 | 58.6 | 88.0# |



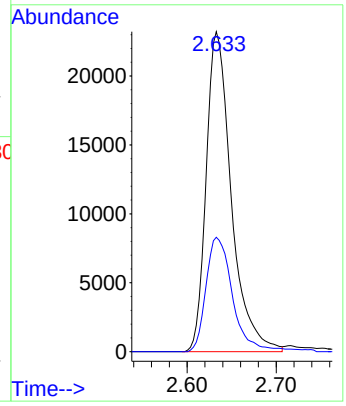


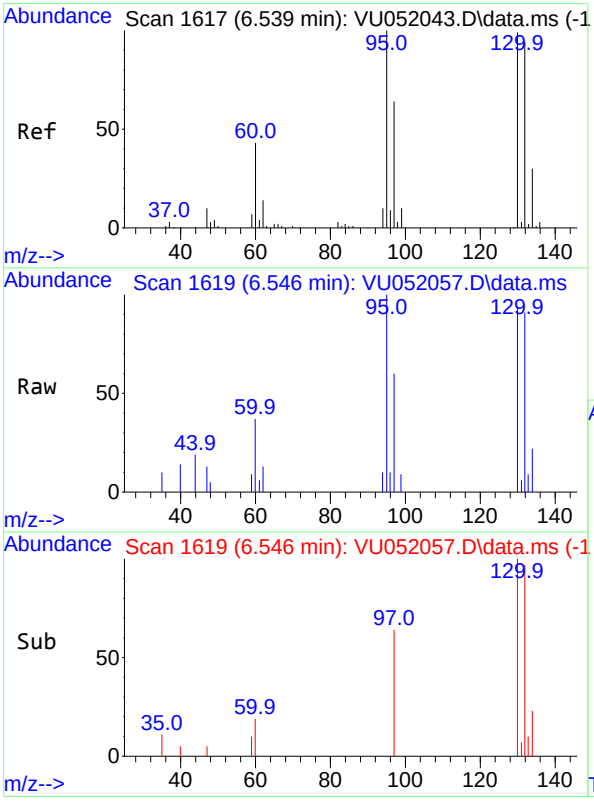

#13
Acetone
Concen: 17.465 ug/L
RT: 2.633 min Scan# 4(
Delta R.T. 0.013 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

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

Tgt Ion: 43 Resp: 45521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.3 | 0.0 | 76.0 |

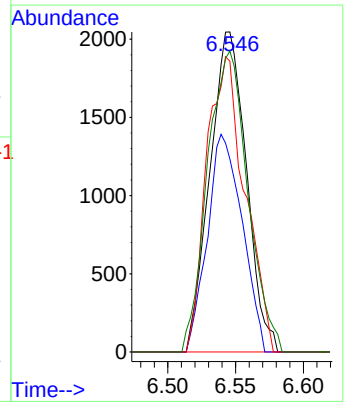


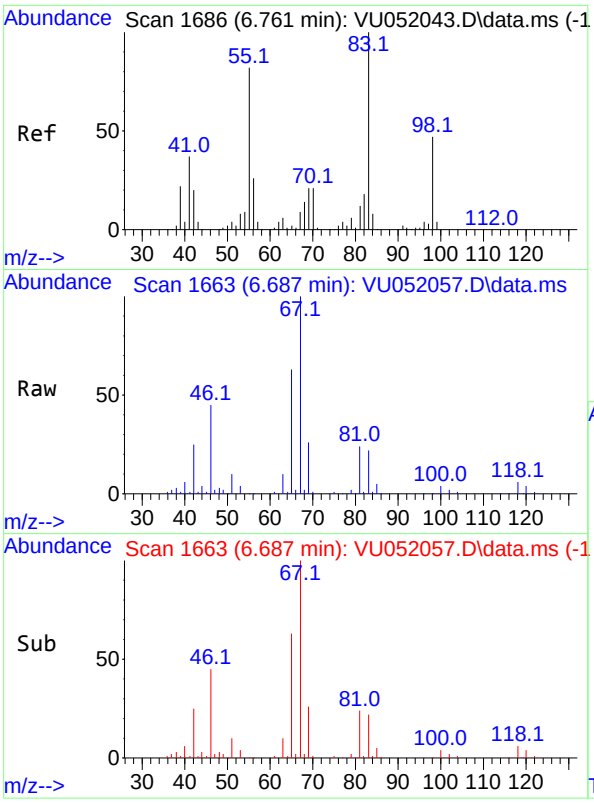




#34
Trichloroethene
Concen: 0.205 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.007 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

Tgt Ion: 95 Resp: 3826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.3 | 43.7 | 81.1 |
| 132 | 90.9 | 64.3 | 119.3 |
| 130 | 94.0 | 67.3 | 124.9 |



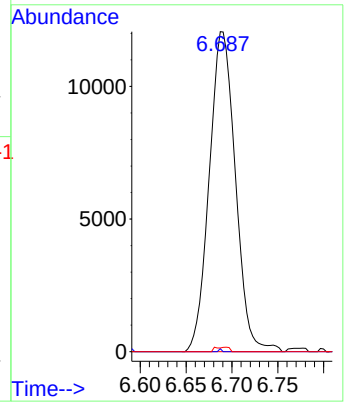


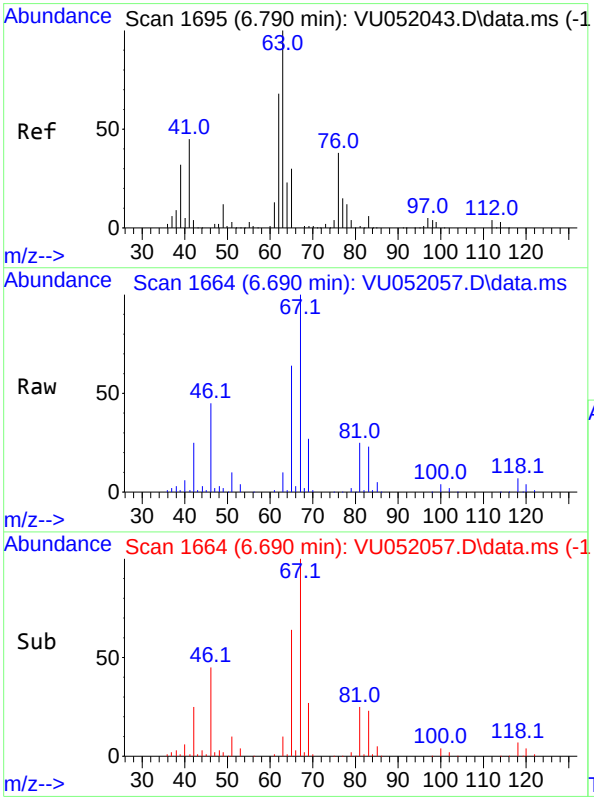

#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

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

Tgt Ion: 83 Resp: 23954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 60.8 | 91.2# |
| 98 | 0.8 | 35.1 | 52.7# |

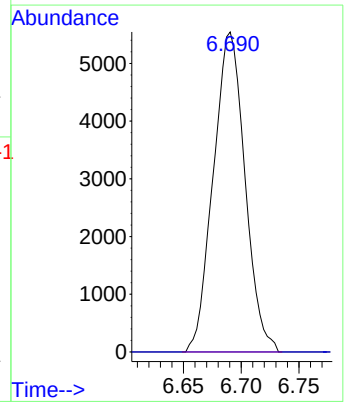


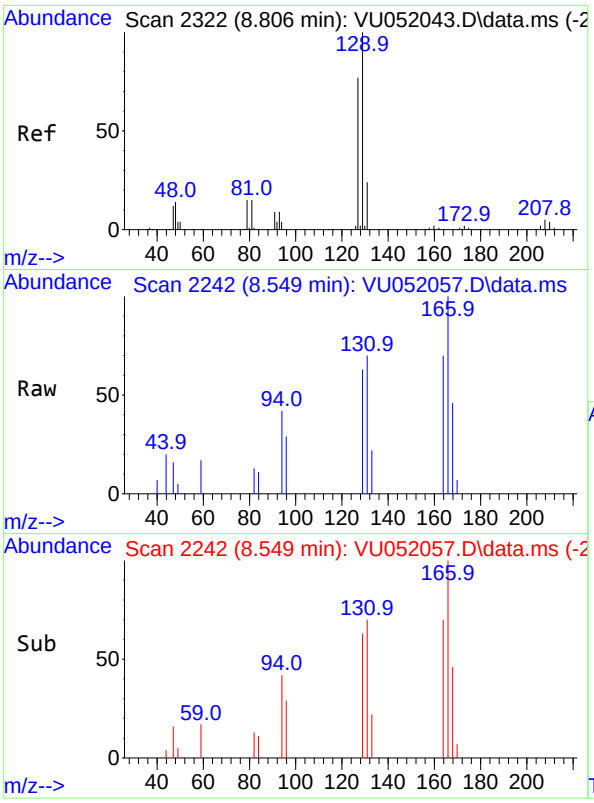




#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

Tgt Ion: 63 Resp: 10573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.3 | 4.9# |



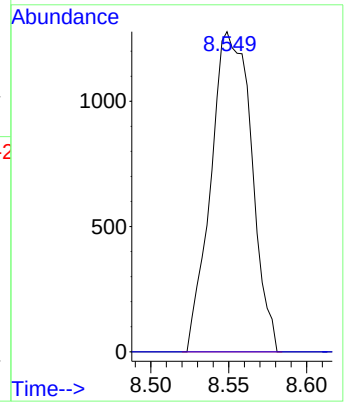


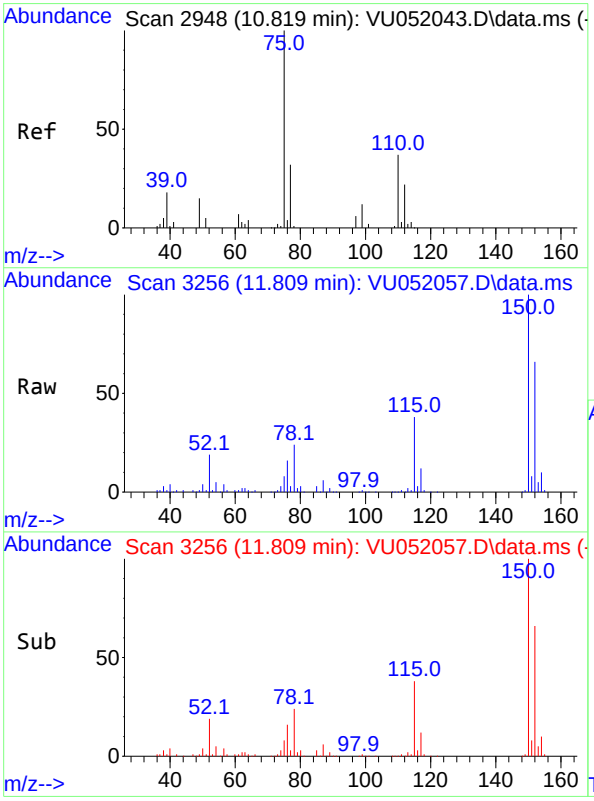

#49
Dibromochloromethane
Concen: 0.143 ug/L
RT: 8.549 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

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

Tgt Ion:129 Resp: 2320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 52.8 | 98.2# |




#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052057.D
Acq: 22 Nov 2022 22:30

Tgt Ion: 75 Resp: 10706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.9 | 28.3 | 42.5# |
| 77 | 30.9 | 26.2 | 39.2 |