Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
Data File : VU048352.D
Acq On : 29 Apr 2022 12:26
Operator : SY/MD
Sample : N2562-13ME
Misc : 6.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Quant Time: Apr 30 04:39:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 30 04:38:24 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 452358 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 468528 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.819 | 152 | 237504 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.600 | 65 | 97106 | 23.344 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 46.680%# | | | |
| 7) Chloroethane-d5 | 1.883 | 69 | 48300 | 16.542 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 33.080%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.533 | 63 | 237291 | 35.602 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 71.200% | | | |
| 21) 2-Butanone-d5 | 4.642 | 46 | 348141 | 98.126 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 98.130% | | | |
| 24) Chloroform-d | 5.063 | 84 | 364809 | 48.350 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.700% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 238361 | 53.244 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.480% | | | |
| 32) Benzene-d6 | 5.722 | 84 | 770977 | 52.175 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 104.360% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 255157 | 52.230 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 104.460% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 716772 | 53.514 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 107.020% | | | |
| 43) trans-1,3-Dichloroprop... | 8.185 | 79 | 115101 | 53.395 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 106.800% | | | |
| 47) 2-Hexanone-d5 | 8.664 | 63 | 280974 | 106.603 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 106.600% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767 | 84 | 420573 | 49.087 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 98.180% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.201 | 152 | 304335 | 56.962 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 113.920% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.533 | 101 | 2178 | 0.639 | ug/L # | 18 |
| 12) 1,1-Dichloroethene | 2.536 | 96 | 1921 | 0.646 | ug/L # | 1 |
| 16) Methylene chloride | 3.038 | 84 | 5714 | 1.490 | ug/L | 92 |
| 22) 2-Butanone | 4.722 | 43 | 32984 | 9.793 | ug/L | 92 |
| 35) Methylcyclohexane | 6.690 | 83 | 58519 | 12.259 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.690 | 63 | 25813 | 6.540 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.568 | 75 | 6505 | 1.172 | ug/L # | 57 |
| 44) trans-1,3-Dichloropropene | 8.182 | 75 | 4575 | 0.844 | ug/L | 85 |
| 48) 2-Hexanone | 8.664 | 43 | 31839 | 6.405 | ug/L # | 66 |

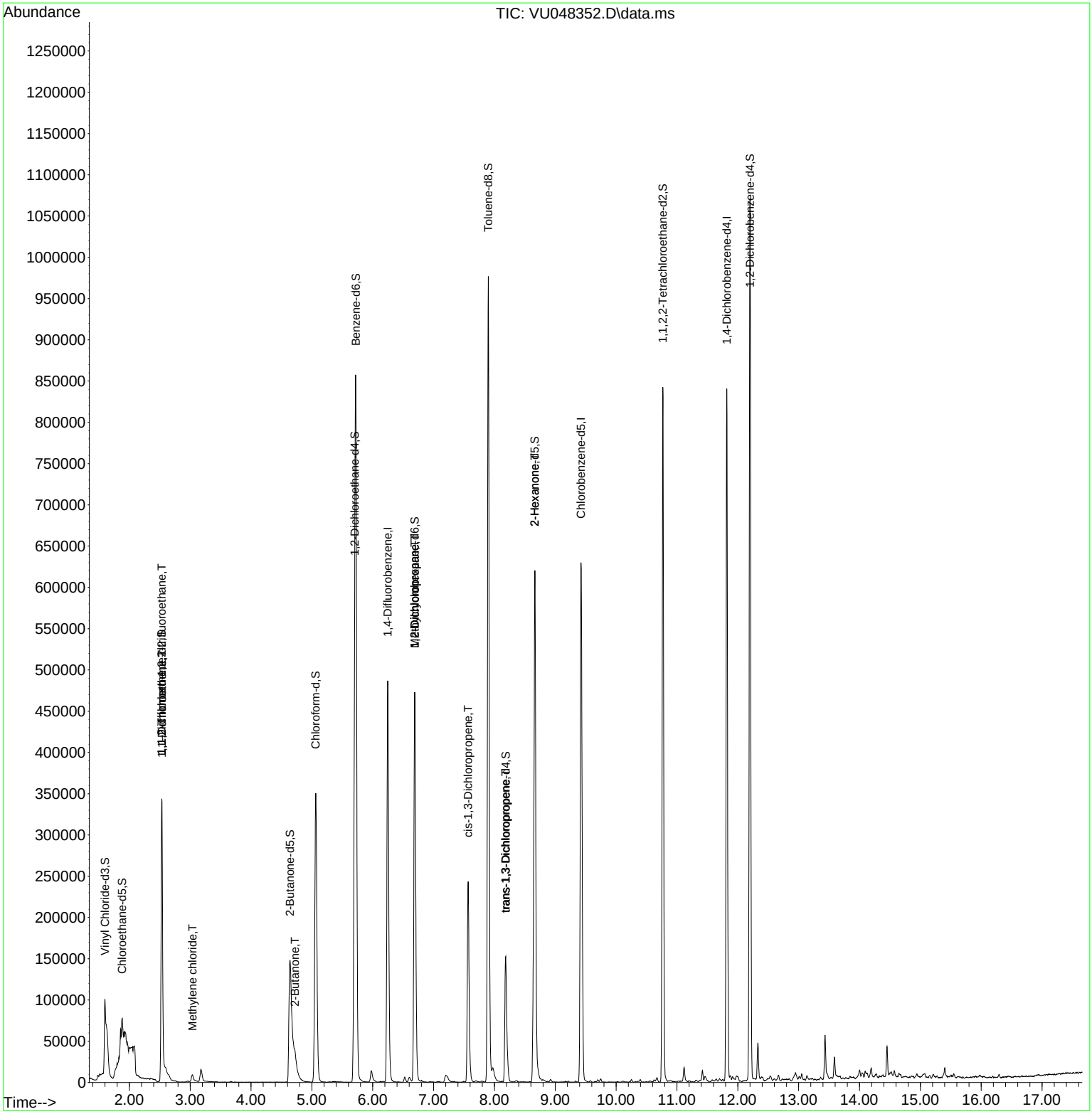
(#) = qualifier out of range (m) = manual integration (+) = signals summed

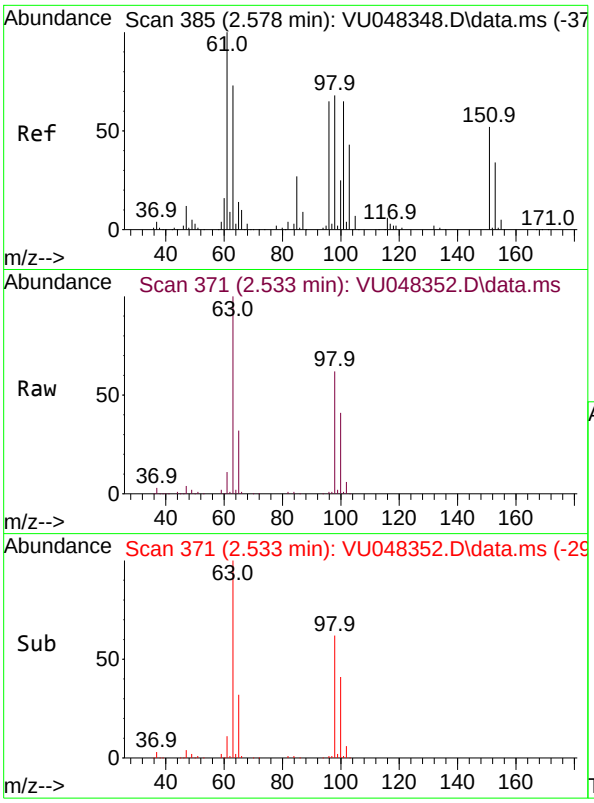
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
Data File : VU048352.D
Acq On : 29 Apr 2022 12:26
Operator : SY/MD
Sample : N2562-13ME
Misc : 6.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Quant Time: Apr 30 04:39:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 30 04:38:24 2022
Response via : Initial Calibration



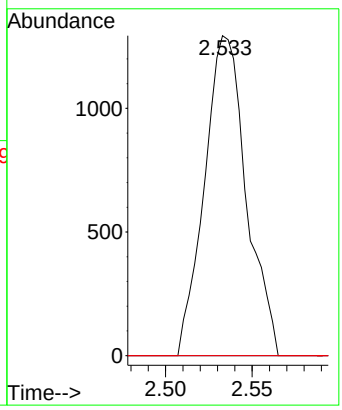


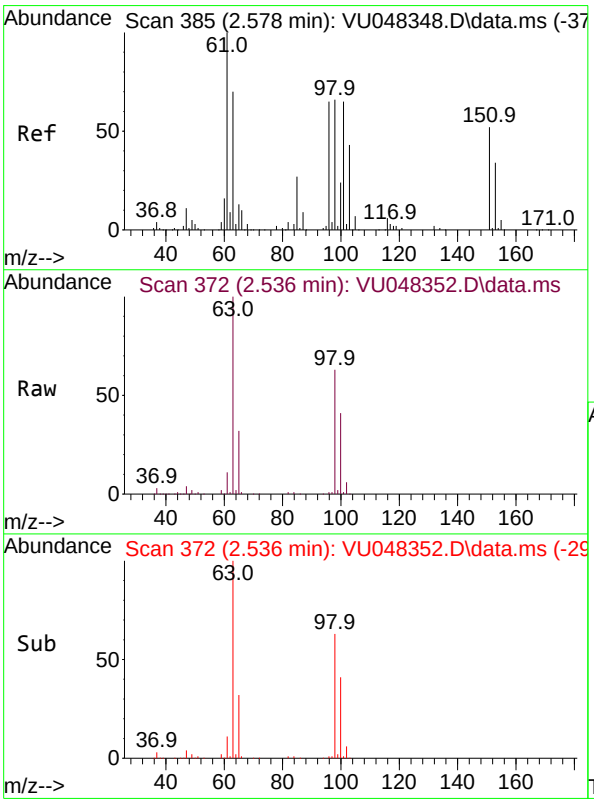

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.639 ug/L
RT: 2.533 min Scan# 3
Delta R.T. -0.045 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Tgt Ion:101 Resp: 2178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 32.6 | 48.8# |
| 151 | 0.0 | 64.1 | 96.1# |

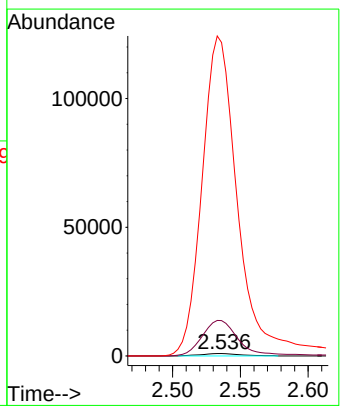


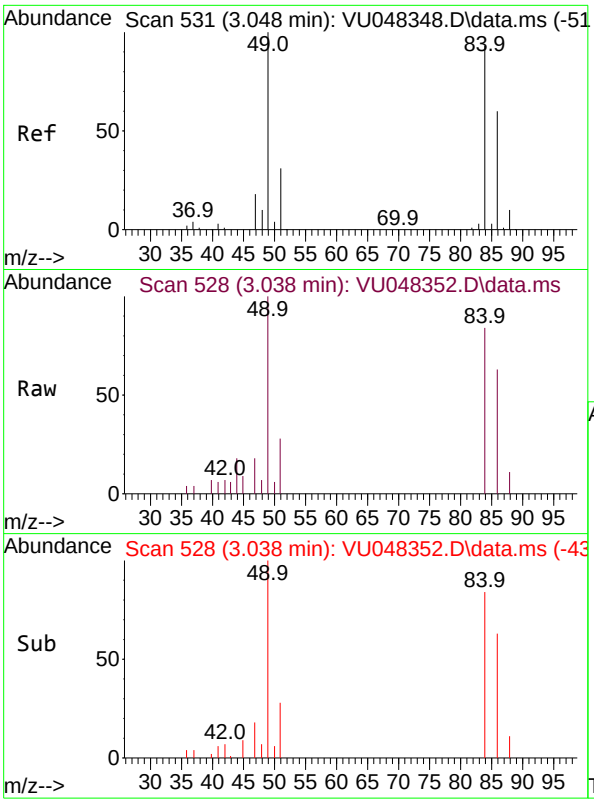




#12
1,1-Dichloroethene
Concen: 0.646 ug/L
RT: 2.536 min Scan# 372
Delta R.T. -0.042 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

Tgt Ion: 96 Resp: 1921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1449.1 | 107.9 | 200.3# |
| 63 | 12827.8 | 80.3 | 149.1# |



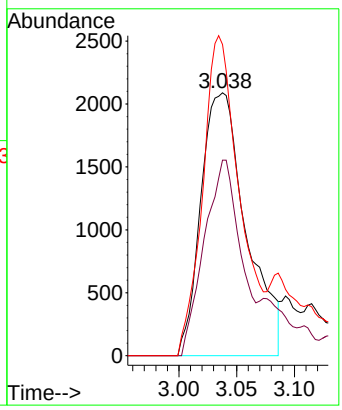


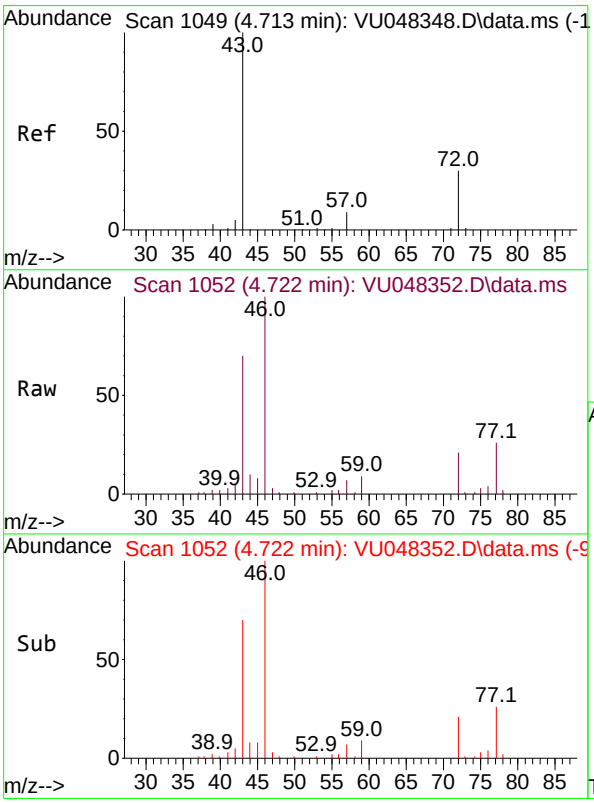

#16
Methylene chloride
Concen: 1.490 ug/L
RT: 3.038 min Scan# 5
Delta R.T. -0.010 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Tgt Ion: 84 Resp: 5714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 74.4 | 45.4 | 84.2 |
| 49 | 118.4 | 79.2 | 147.0 |

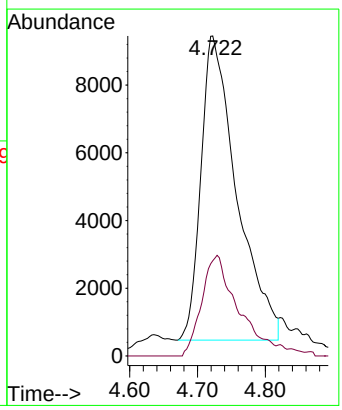


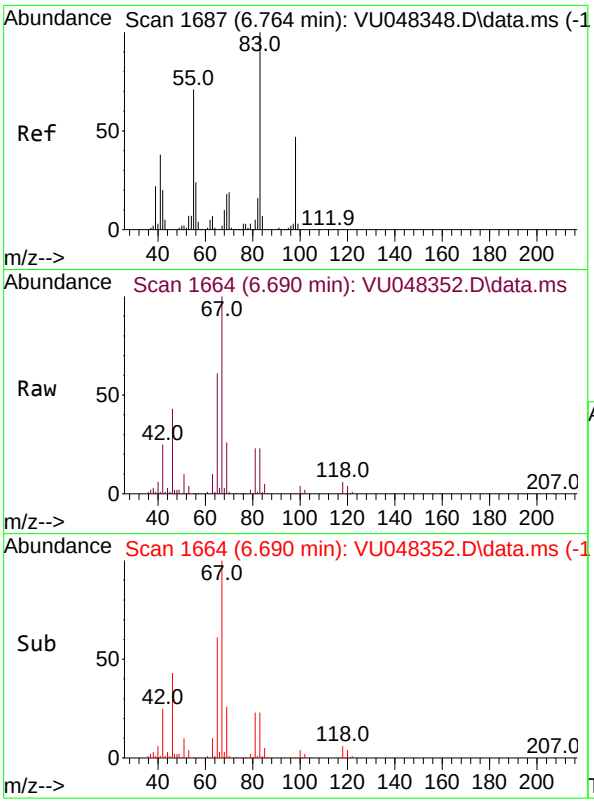




#22
2-Butanone
Concen: 9.793 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. 0.009 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

Tgt Ion: 43 Resp: 32984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 33.3 | 14.6 | 43.8 |



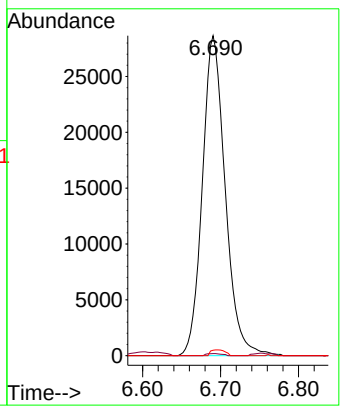


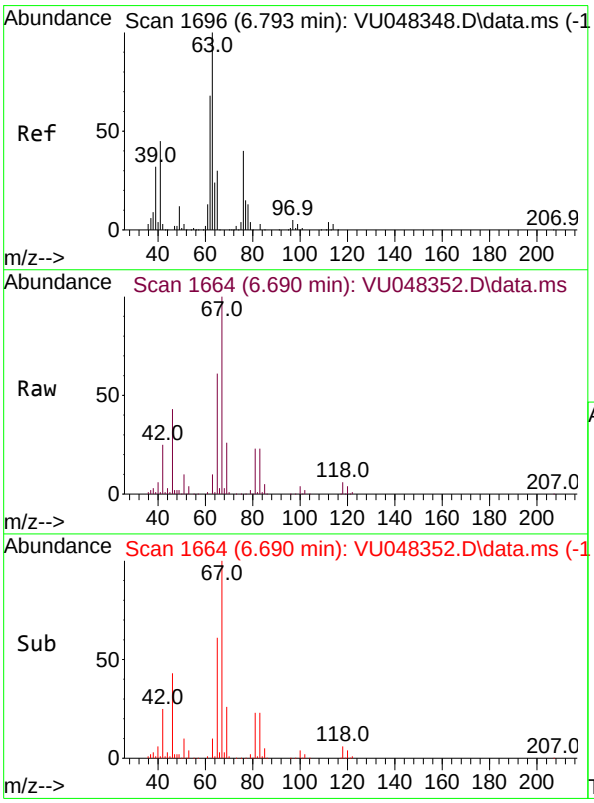

#35
Methylcyclohexane
Concen: 12.259 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Tgt Ion: 83 Resp: 58519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 59.4 | 89.2# |
| 98 | 1.1 | 37.3 | 55.9# |

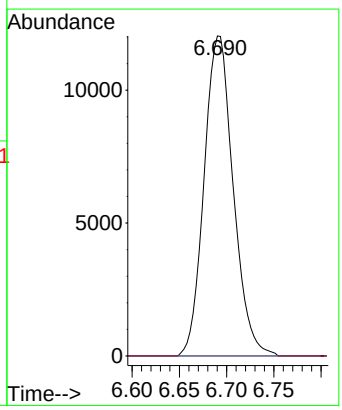


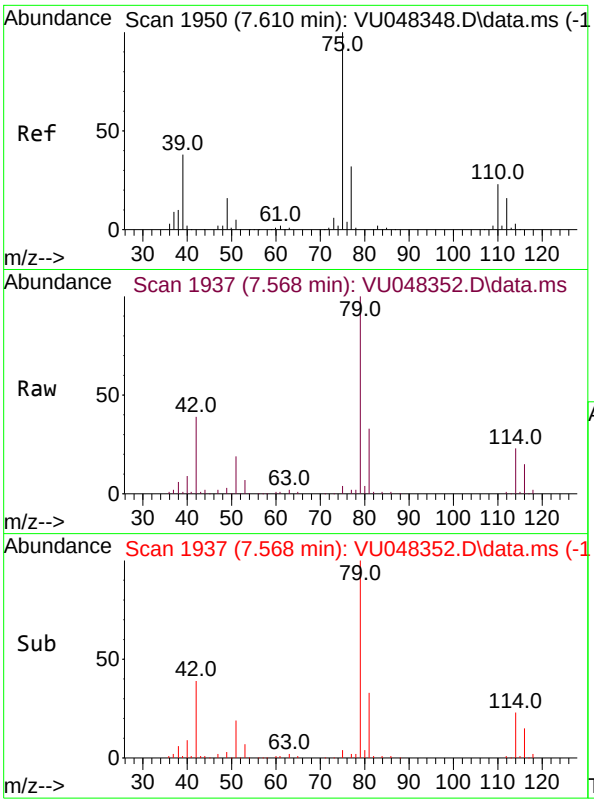




#37
1,2-Dichloropropane
Concen: 6.540 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

Tgt Ion: 63 Resp: 25813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |



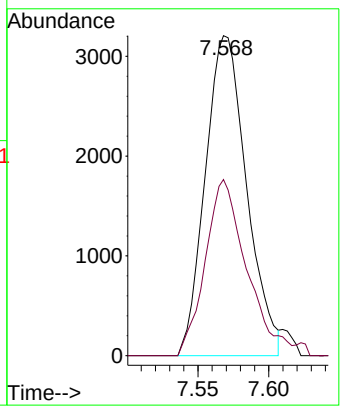


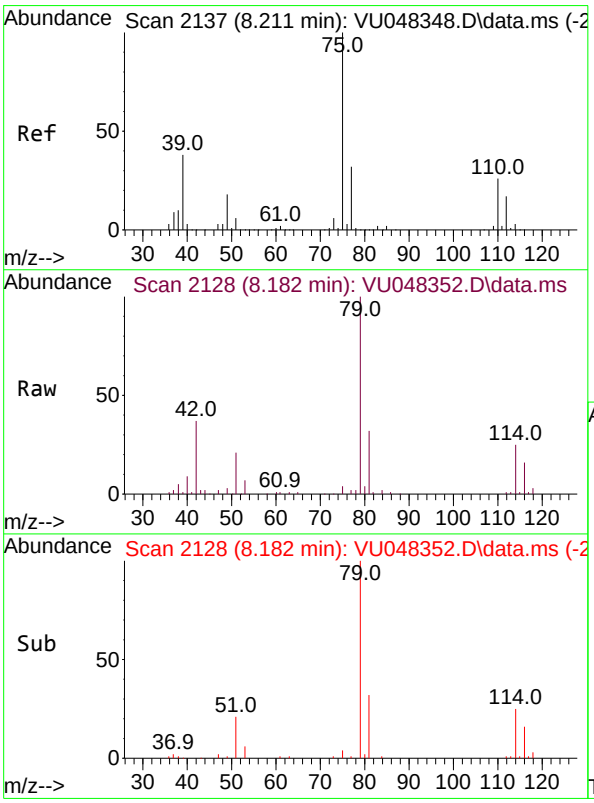

#39
cis-1,3-Dichloropropene
Concen: 1.172 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Tgt Ion: 75 Resp: 6505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 55.0 | 22.0 | 41.0# |

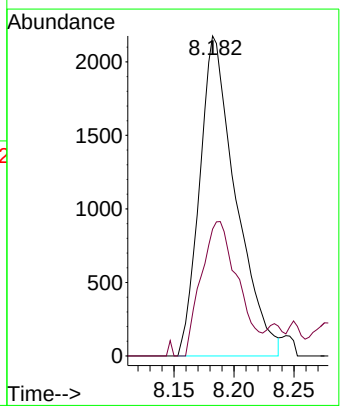


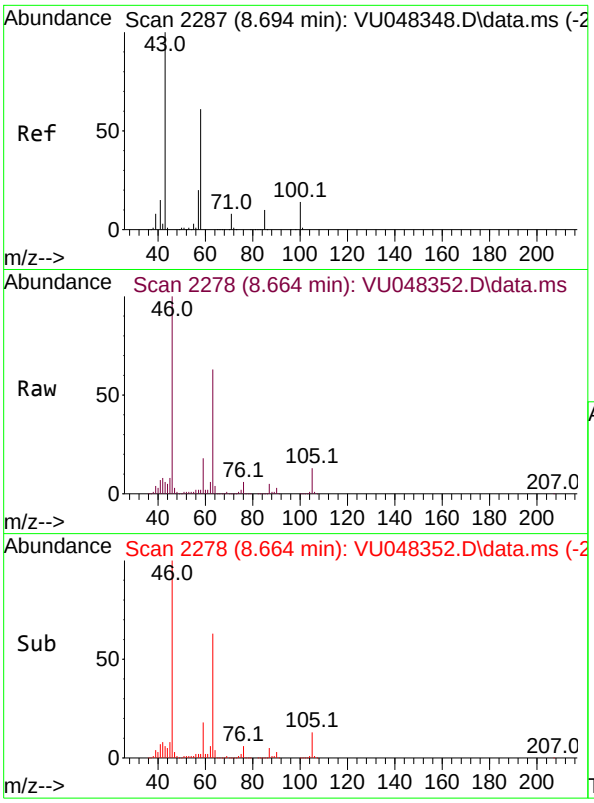




#44
trans-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

Tgt Ion: 75 Resp: 4575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.7 | 22.1 | 41.1 |






#48
2-Hexanone
Concen: 6.405 ug/L
RT: 8.664 min Scan# 2
Delta R.T. -0.029 min
Lab File: VU048352.D
Acq: 29 Apr 2022 12:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
EW474ME

Tgt Ion: 43 Resp: 31839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 48.1 | 72.1# |
| 57 | 30.0 | 16.2 | 24.4# |
| 100 | 0.3 | 10.3 | 15.5# |