Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
Data File : VU048550.D
Acq On : 12 May 2022 18:34
Operator : SY/MD
Sample : N2767-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 13 04:00:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 263106 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 264444 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 137720 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 70543 | 31.132 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 62.260% | | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 59306 | 40.104 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 80.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.568 | 63 | 121342 | 30.089 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 60.180% | | | |
| 21) 2-Butanone-d5 | 4.623 | 46 | 160195 | 83.014 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 83.010% | | | |
| 24) Chloroform-d | 5.067 | 84 | 191212 | 48.584 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.160% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 139369 | 54.475 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.960% | | | |
| 32) Benzene-d6 | 5.729 | 84 | 346892 | 43.168 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.340% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 109838 | 41.915 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 83.840% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 316431 | 44.523 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.040% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 58491 | 48.495 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.000% | | | |
| 47) 2-Hexanone-d5 | 8.636 | 63 | 119161 | 93.950 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 93.950% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 170126 | 42.621 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.240% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 137335 | 50.360 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.720% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565 | 101 | 1191 | 0.611 | ug/L # | 19 |
| 12) 1,1-Dichloroethene | 2.572 | 96 | 919 | 0.498 | ug/L # | 1 |
| 13) Acetone | 2.633 | 43 | 6473 | 4.449 | ug/L | 100 |
| 35) Methylcyclohexane | 6.694 | 83 | 27381 | 7.668 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.690 | 63 | 12733 | 5.011 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.565 | 75 | 3807 | 1.053 | ug/L # | 71 |
| 44) trans-1,3-Dichloropropene | 8.179 | 75 | 2680 | 0.763 | ug/L | 97 |
| 60) 1,2,3-Trichloropropane | 11.809 | 75 | 14188 | 3.947 | ug/L # | 64 |

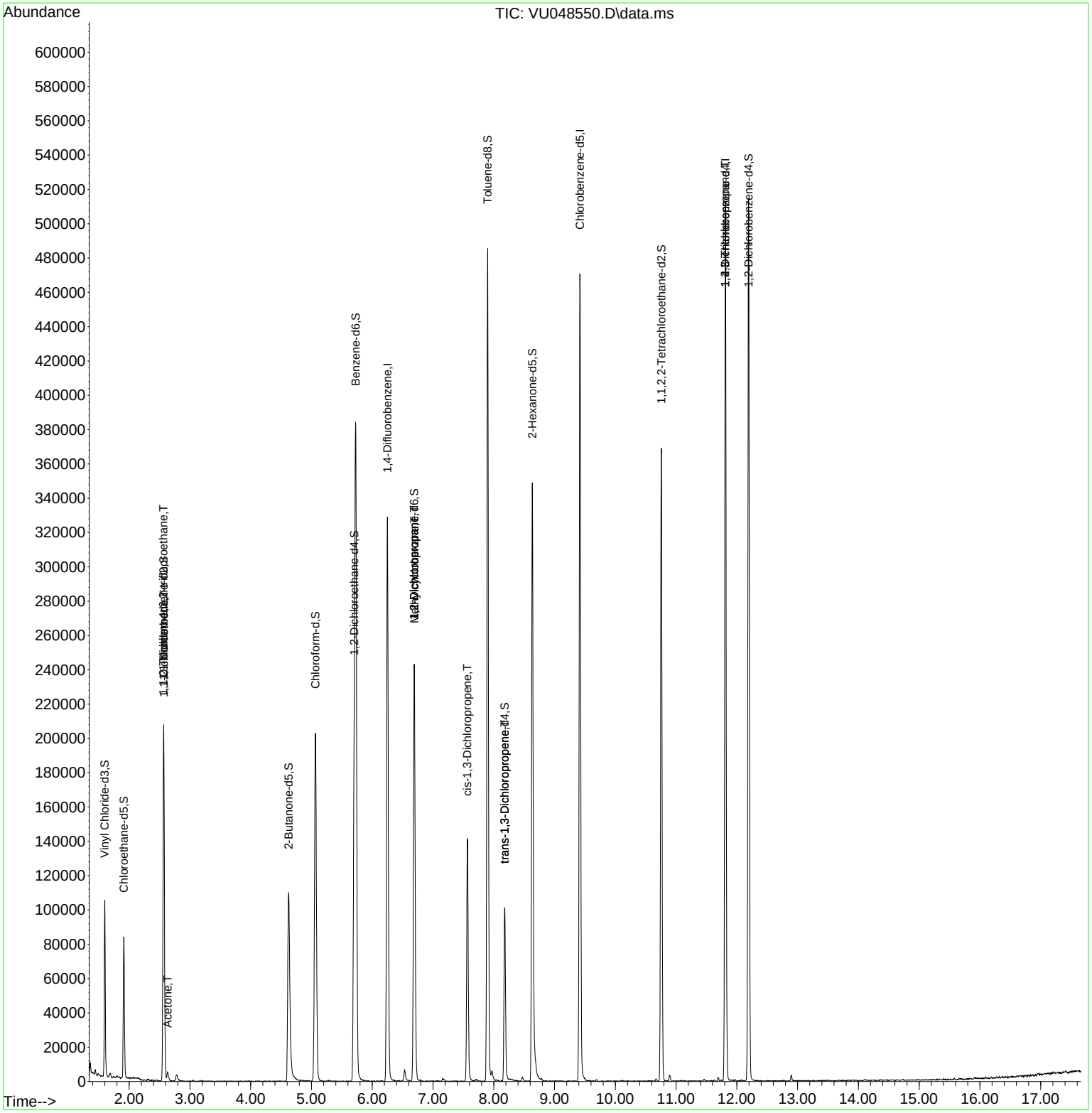
(#) = qualifier out of range (m) = manual integration (+) = signals summed

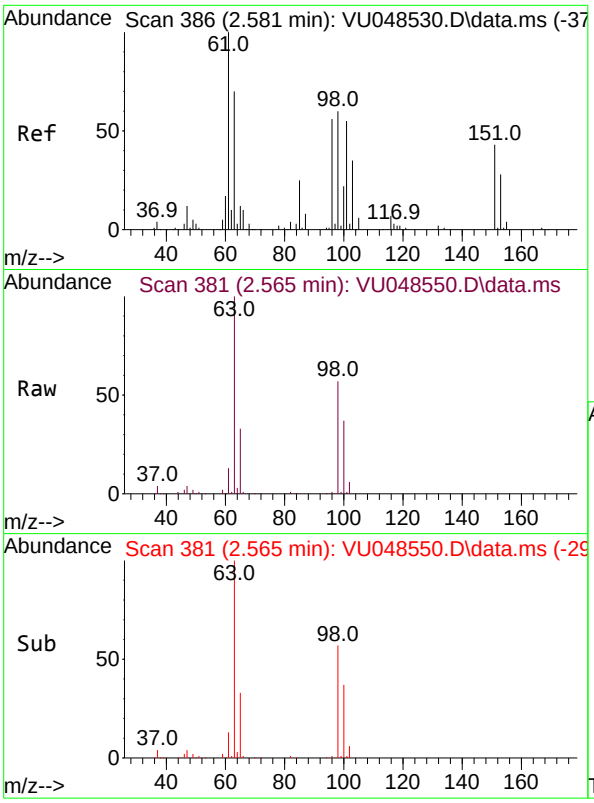
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
Data File : VU048550.D
Acq On : 12 May 2022 18:34
Operator : SY/MD
Sample : N2767-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 13 04:00:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration



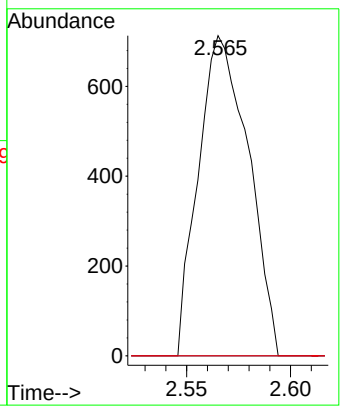


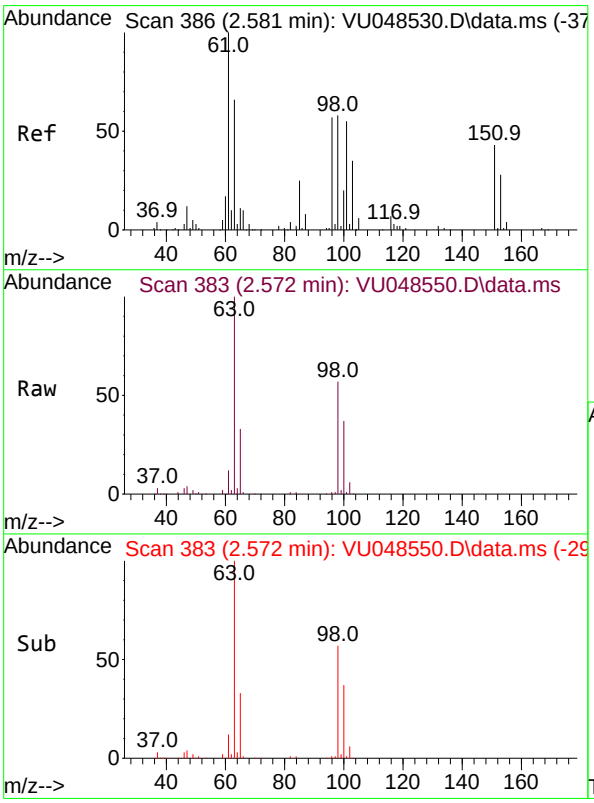

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.611 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

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

Tgt Ion:101 Resp: 1191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 34.8 | 52.2# |
| 151 | 0.0 | 60.7 | 91.1# |

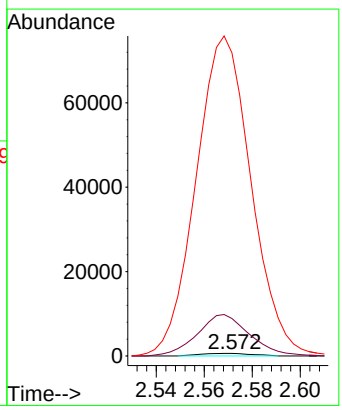


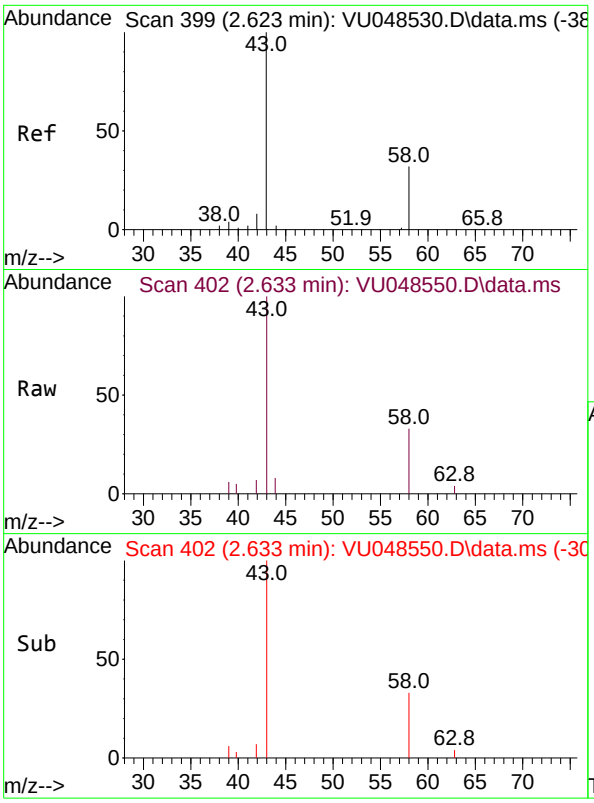




#12
1,1-Dichloroethene
Concen: 0.498 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

Tgt Ion: 96 Resp: 919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1479.2 | 124.5 | 231.3# |
| 63 | 11972.0 | 92.5 | 171.9# |



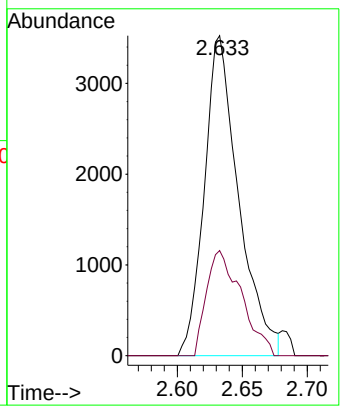


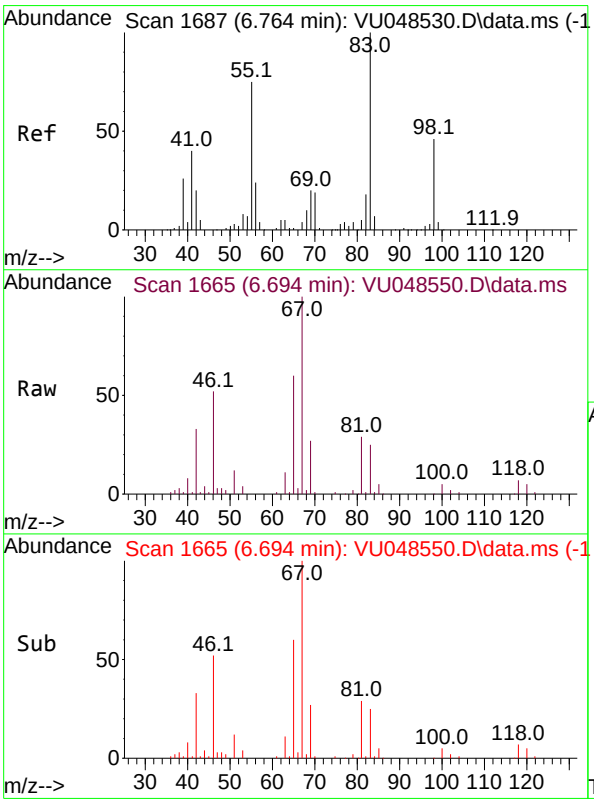

#13
Acetone
Concen: 4.449 ug/L
RT: 2.633 min Scan# 4(
Delta R.T. 0.010 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

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

Tgt Ion: 43 Resp: 6473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.4 | 0.0 | 66.2 |

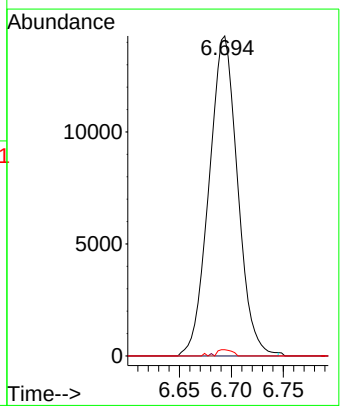


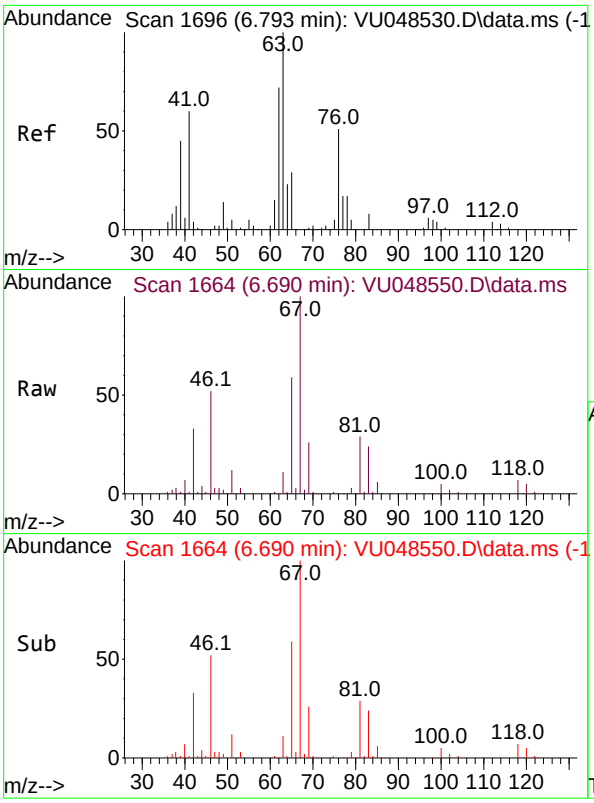




#35
Methylcyclohexane
Concen: 7.668 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

Tgt Ion: 83 Resp: 27381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 63.4 | 95.2# |
| 98 | 1.0 | 35.9 | 53.9# |



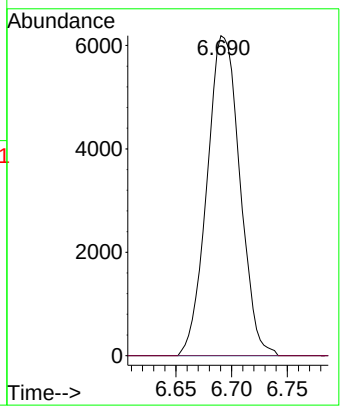


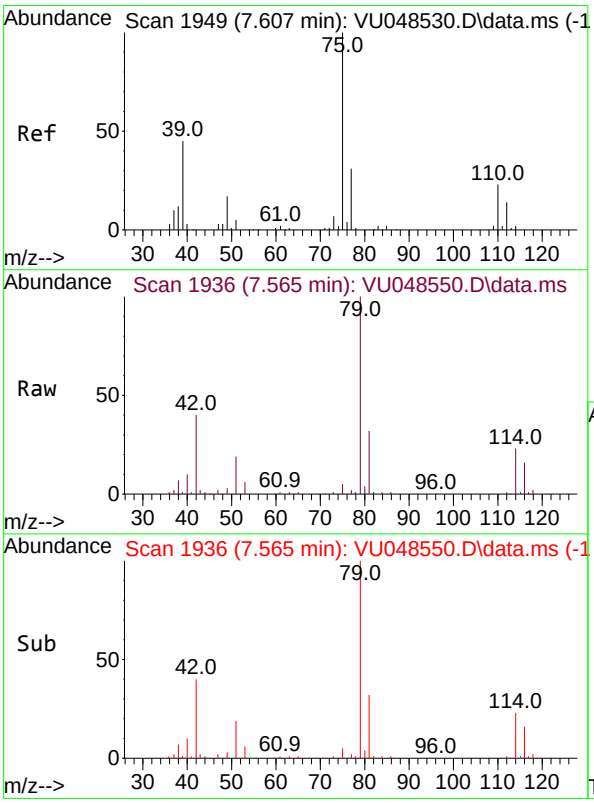

#37
1,2-Dichloropropane
Concen: 5.011 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

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

Tgt Ion: 63 Resp: 12733

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

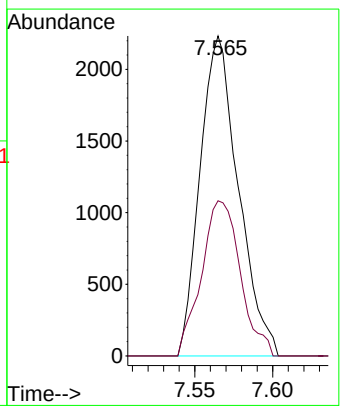


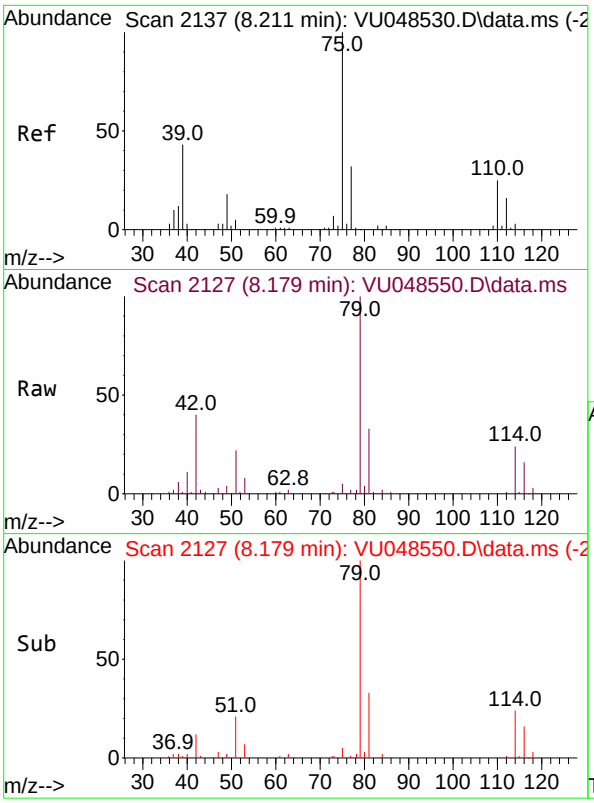




#39
cis-1,3-Dichloropropene
Concen: 1.053 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

Tgt Ion: 75 Resp: 3807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.5 | 22.5 | 41.9# |



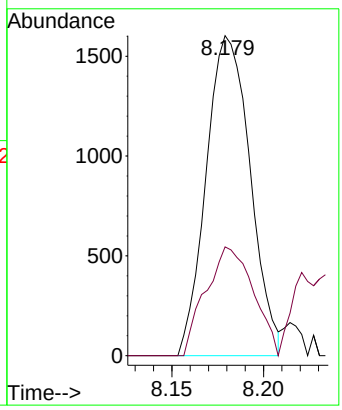


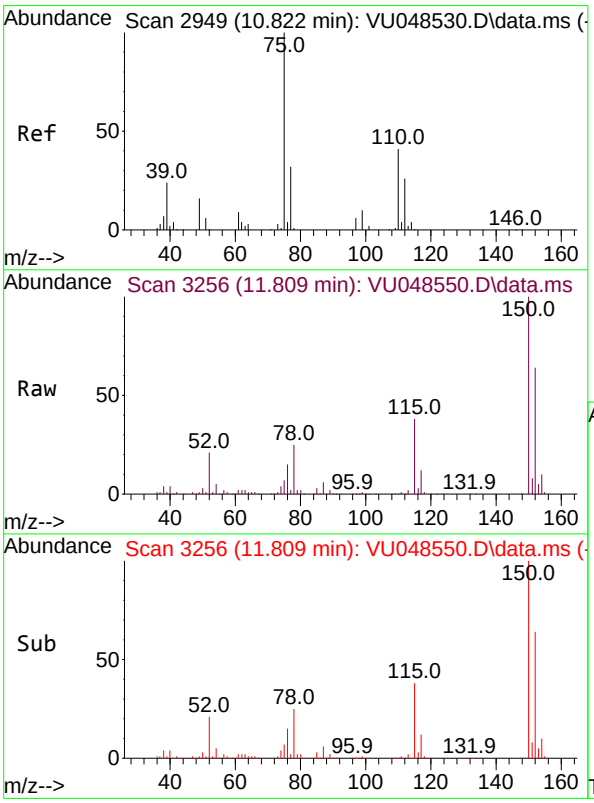

#44
trans-1,3-Dichloropropene
Concen: 0.763 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

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

Tgt Ion: 75 Resp: 2680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.0 | 22.6 | 42.0 |




#60
1,2,3-Trichloropropane
Concen: 3.947 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU048550.D
Acq: 12 May 2022 18:34

Tgt Ion: 75 Resp: 14188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.7 | 25.5 | 38.3# |
| 110 | 2.7 | 28.9 | 43.3# |