Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110623\
Data File : VU056085.D
Acq On : 06 Nov 2023 15:51
Operator : MD/SY
Sample : 05239-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 07 04:09:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 07 04:07:55 2023
Response via : Initial Calibration

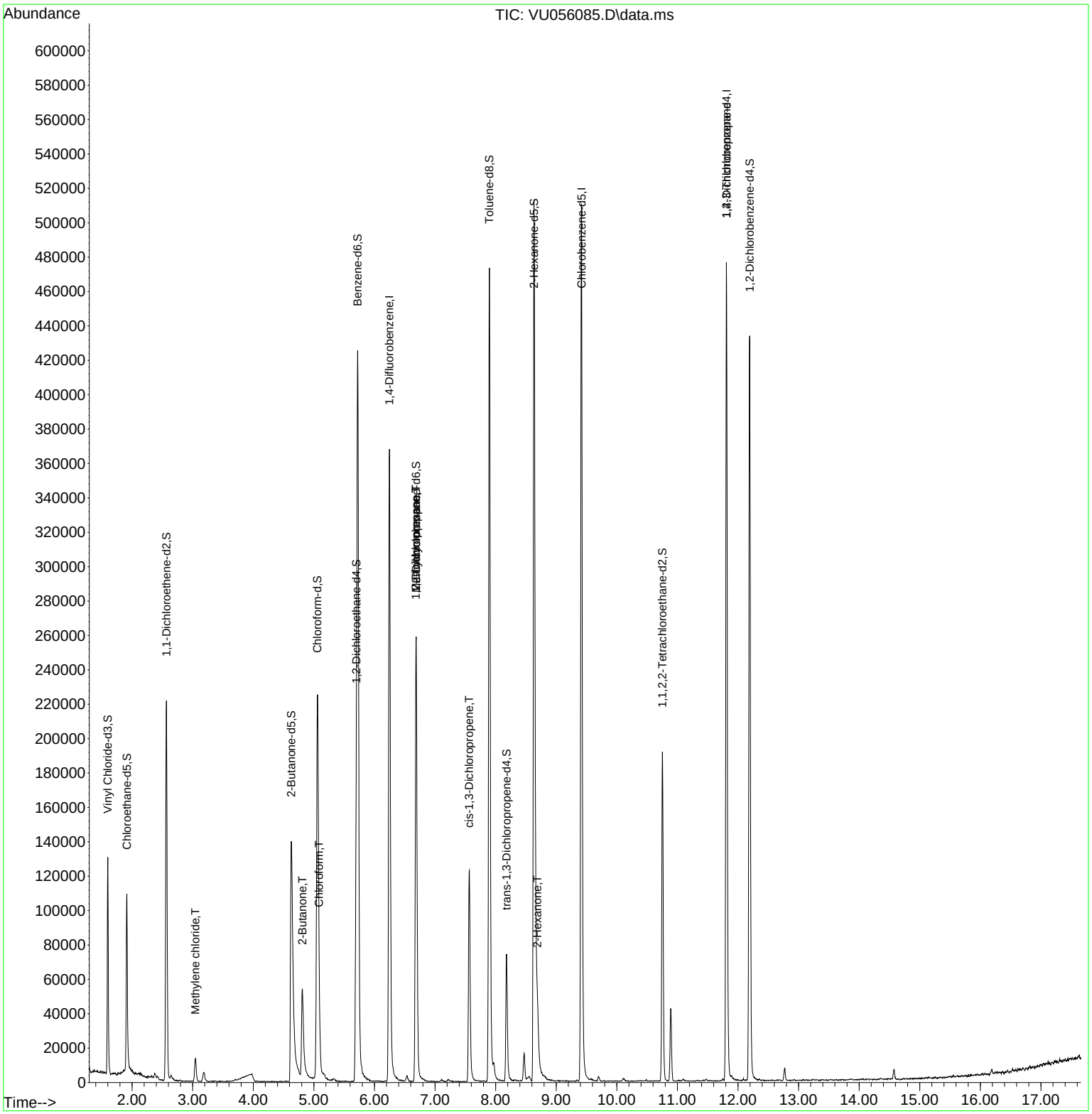
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.248 | 114 | 316947 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.418 | 117 | 315100 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.810 | 152 | 134443 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.599 | 65 | 91589 | 3.653 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.000% | | | |
| 7) Chloroethane-d5 | 1.914 | 69 | 78355 | 4.009 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.566 | 65 | 41842 | 3.931 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.600% | | | |
| 20) 2-Butanone-d5 | 4.627 | 46 | 248548 | 55.569 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 111.140% | | | |
| 24) Chloroform-d | 5.058 | 84 | 215372 | 4.636 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.701 | 65 | 102250 | 4.517 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.400% | | | |
| 32) Benzene-d6 | 5.724 | 84 | 415048 | 4.422 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.688 | 67 | 132388 | 4.758 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.200% | | | |
| 41) Toluene-d8 | 7.897 | 98 | 346713 | 4.072 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.180 | 79 | 47077 | 4.326 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.600% | | | |
| 46) 2-Hexanone-d5 | 8.634 | 63 | 183296 | 66.351 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 132.700%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84 | 99208 | 4.896 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.193 | 152 | 123162 | 4.910 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 3.046 | 84 | 7111 | 0.409 | ug/L | 100 |
| 21) 2-Butanone | 4.811 | 43 | 76333 | 20.373 | ug/L # | 46 |
| 25) Chloroform | 5.087 | 83 | 25754 | 0.777 | ug/L | 100 |
| 35) Methylcyclohexane | 6.688 | 83 | 30942 | 1.179 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.685 | 63 | 14143 | 0.766 | ug/L # | 89 |
| 39) cis-1,3-Dichloropropene | 7.563 | 75 | 3360 | 0.128 | ug/L # | 46 |
| 48) 2-Hexanone | 8.688 | 43 | 19785 | 2.827 | ug/L # | 86 |
| 61) 1,2,3-Trichloropropane | 11.810 | 75 | 15799 | 1.712 | ug/L # | 70 |

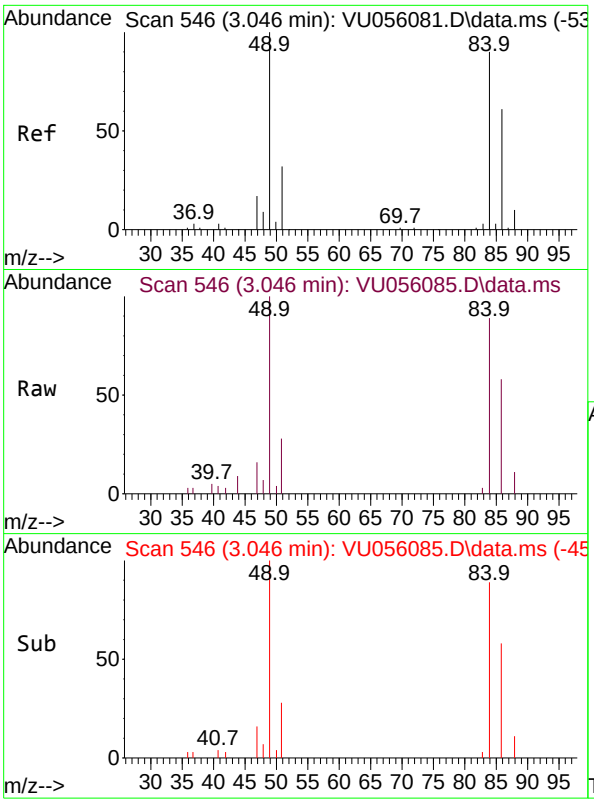
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110623\
Data File : VU056085.D
Acq On : 06 Nov 2023 15:51
Operator : MD/SY
Sample : 05239-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 07 04:09:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 07 04:07:55 2023
Response via : Initial Calibration



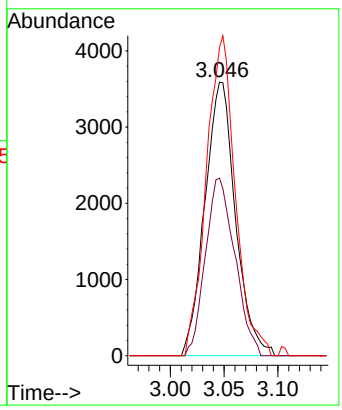


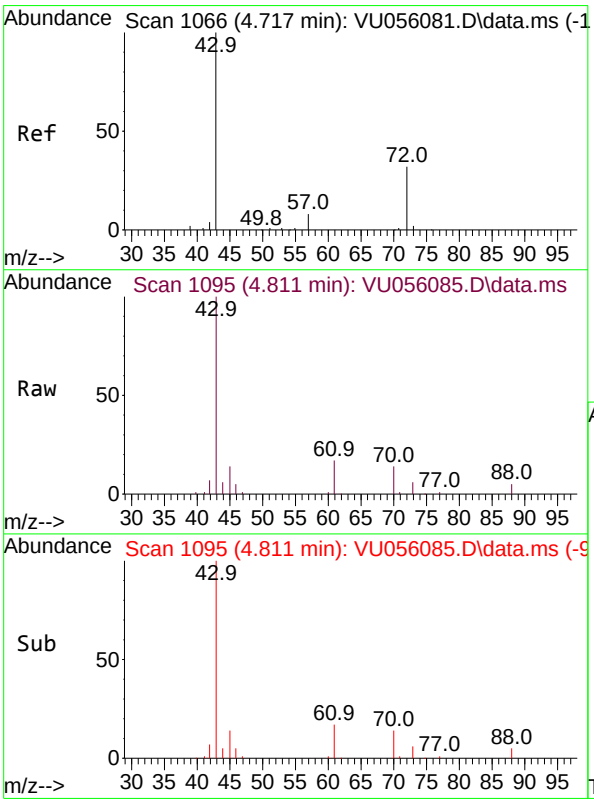

#16
Methylene chloride
Concen: 0.409 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

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

Tgt Ion: 84 Resp: 7111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.9 | 45.2 | 84.0 |
| 49 | 112.5 | 78.8 | 146.3 |

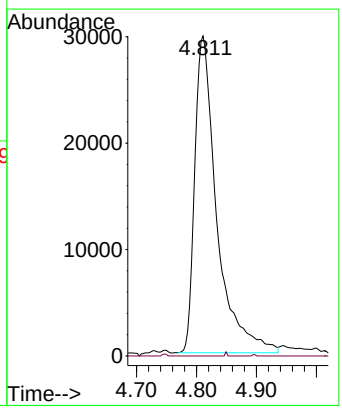


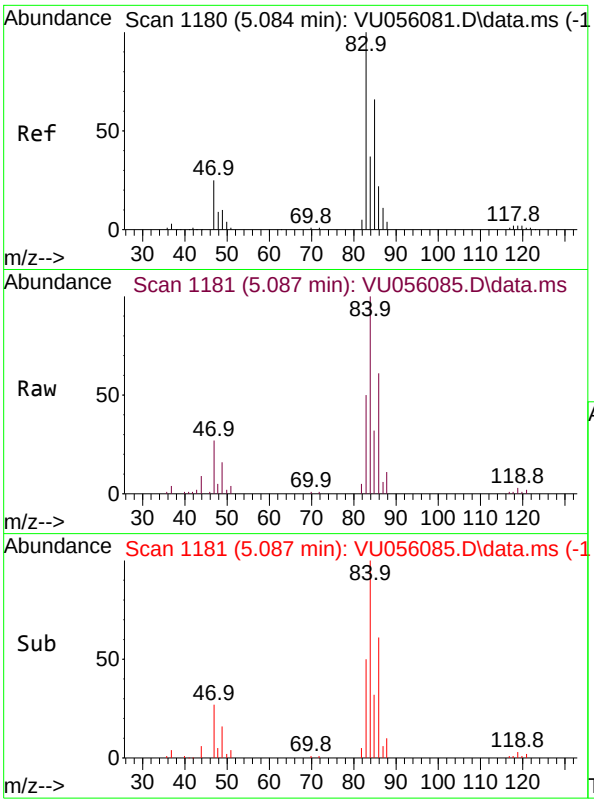




#21
2-Butanone
Concen: 20.373 ug/L
RT: 4.811 min Scan# 1095
Delta R.T. 0.093 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

Tgt Ion: 43 Resp: 76333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.1 | 14.4 | 43.4# |



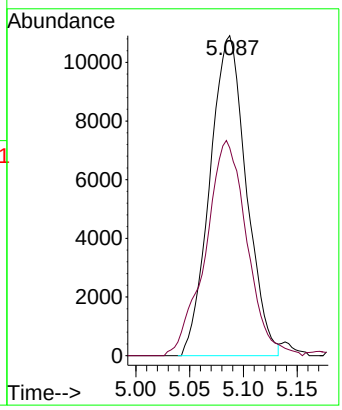


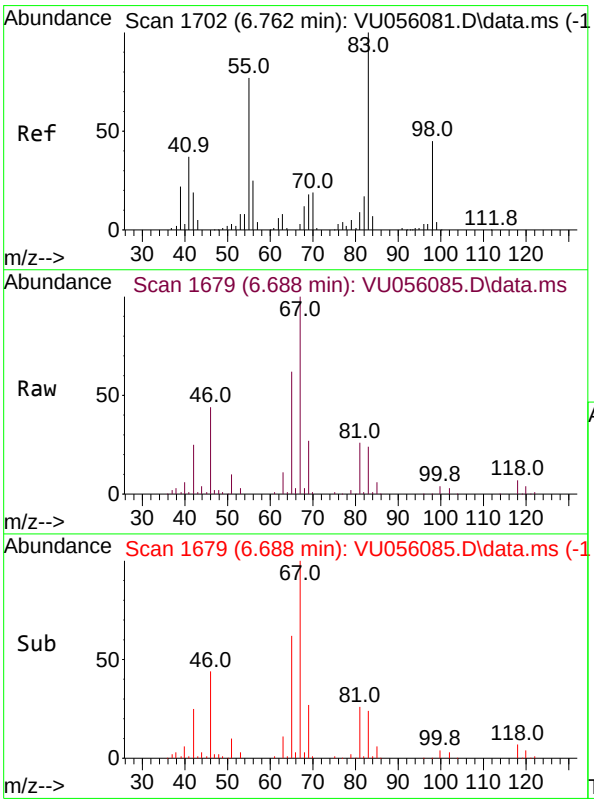

#25
Chloroform
Concen: 0.777 ug/L
RT: 5.087 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

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

Tgt Ion: 83 Resp: 25754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.0 | 45.6 | 84.8 |

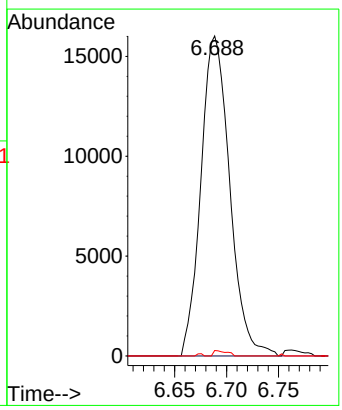


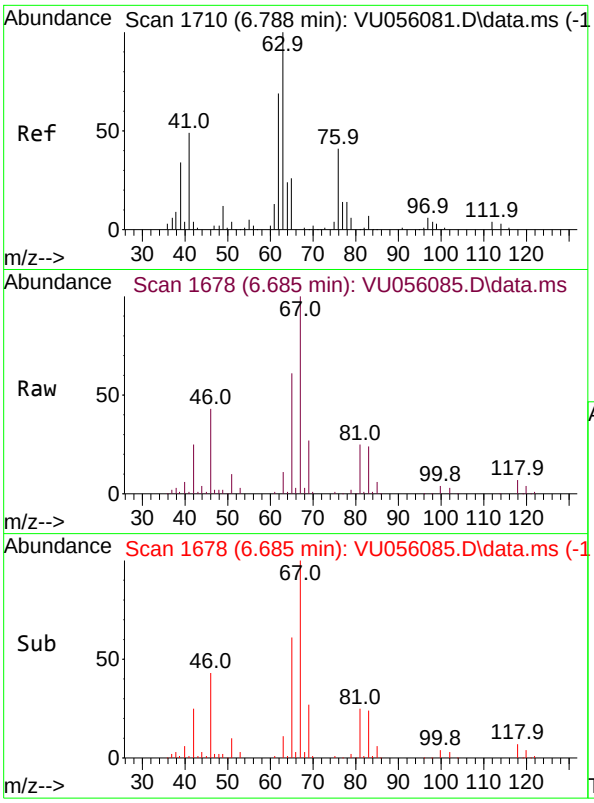




#35
Methylcyclohexane
Concen: 1.179 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

Tgt Ion: 83 Resp: 30942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.4 | 93.6# |
| 98 | 0.8 | 37.4 | 56.2# |



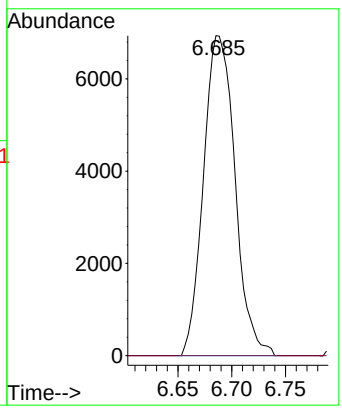


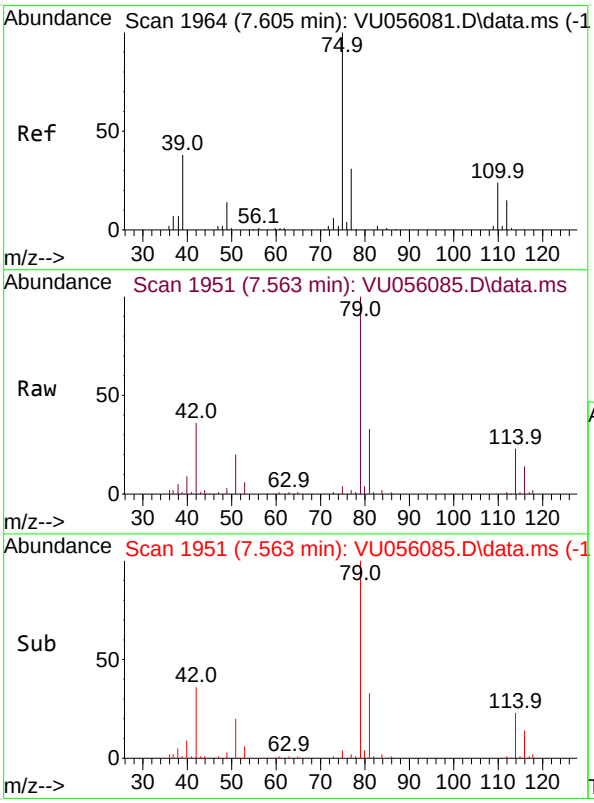

#37
1,2-Dichloropropane
Concen: 0.766 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

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

Tgt Ion: 63 Resp: 14143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.3 | 3.1 | 4.7# |

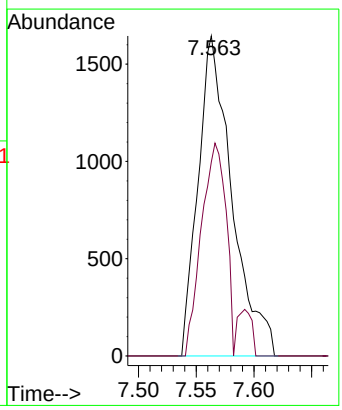


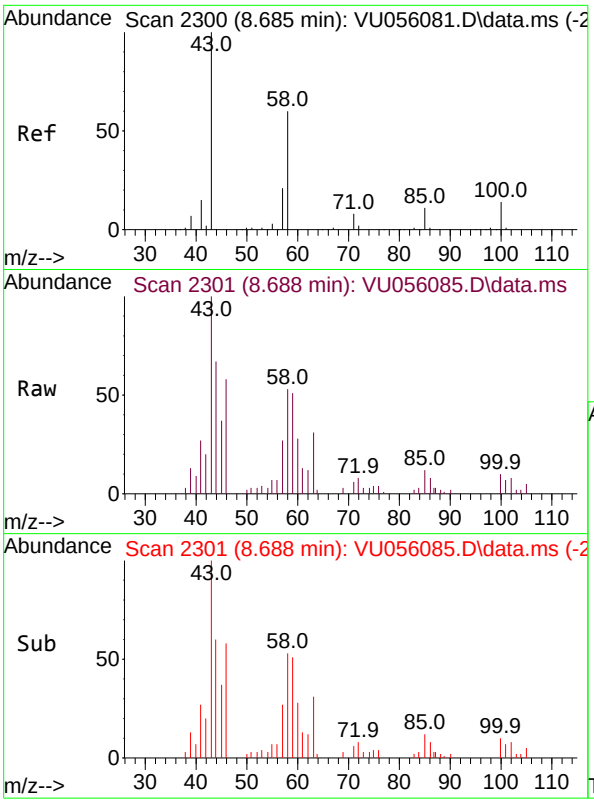




#39
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

Tgt Ion: 75 Resp: 3360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 60.6 | 21.7 | 40.3# |



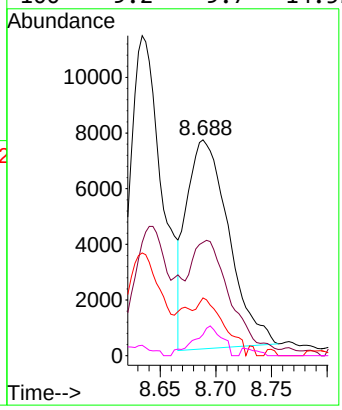


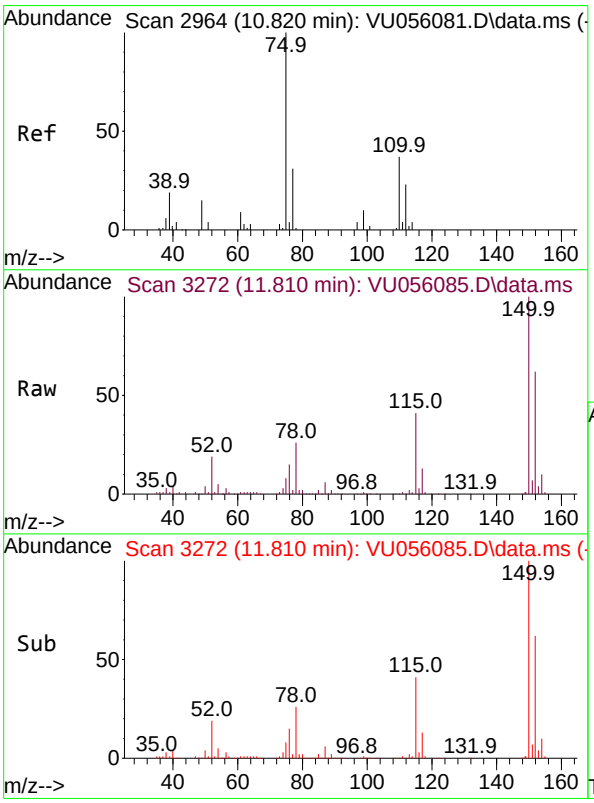

#48
2-Hexanone
Concen: 2.827 ug/L
RT: 8.688 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

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

Tgt Ion: 43 Resp: 19785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.9 | 49.5 | 74.3# |
| 57 | 18.0 | 16.9 | 25.3 |
| 100 | 9.2 | 9.7 | 14.5# |




#61
1,2,3-Trichloropropane
Concen: 1.712 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056085.D
Acq: 06 Nov 2023 15:51

Tgt Ion: 75 Resp: 15799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 3.8 | 29.0 | 43.6# |
| 77 | 30.4 | 24.5 | 36.7 |