Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
Data File : VU057017.D
Acq On : 19 Dec 2023 01:41
Operator : MD/SY
Sample : 05830-06 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Dec 19 05:13:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 227142 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 205691 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 82310 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.596 | 65 | 87849 | 4.512 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 90.200% | | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 69353 | 4.760 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 36856 | 4.424 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 88.400% | | | |
| 20) 2-Butanone-d5 | 4.624 | 46 | 186163 | 48.417 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 96.840% | | | |
| 24) Chloroform-d | 5.055 | 84 | 176579 | 4.789 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 83587 | 4.791 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.800% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 332656 | 5.214 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.685 | 67 | 107943 | 5.406 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.200% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 255078 | 4.473 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 32284 | 4.169 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.400% | | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 126807 | 43.416 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 86.840% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84 | 69303 | 4.797 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 81437 | 5.033 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.570 | 96 | 2704 | 0.147 | ug/L # | 1 |
| 16) Methylene chloride | 3.042 | 84 | 7438 | 0.370 | ug/L | 96 |
| 29) 1,1,1-Trichloroethane | 5.309 | 97 | 7021 | 0.236 | ug/L | 95 |
| 35) Methylcyclohexane | 6.682 | 83 | 24879 | 0.850 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.685 | 63 | 11456 | 0.620 | ug/L # | 90 |
| 47) Tetrachloroethene | 8.547 | 164 | 44826 | 3.230 | ug/L | 93 |
| 48) 2-Hexanone | 8.676 | 43 | 4509 | 0.721 | ug/L # | 37 |
| 49) Dibromochloromethane | 8.547 | 129 | 46190 | 3.214 | ug/L # | 11 |
| 61) 1,2,3-Trichloropropane | 11.807 | 75 | 10528 | 1.191 | ug/L # | 71 |

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

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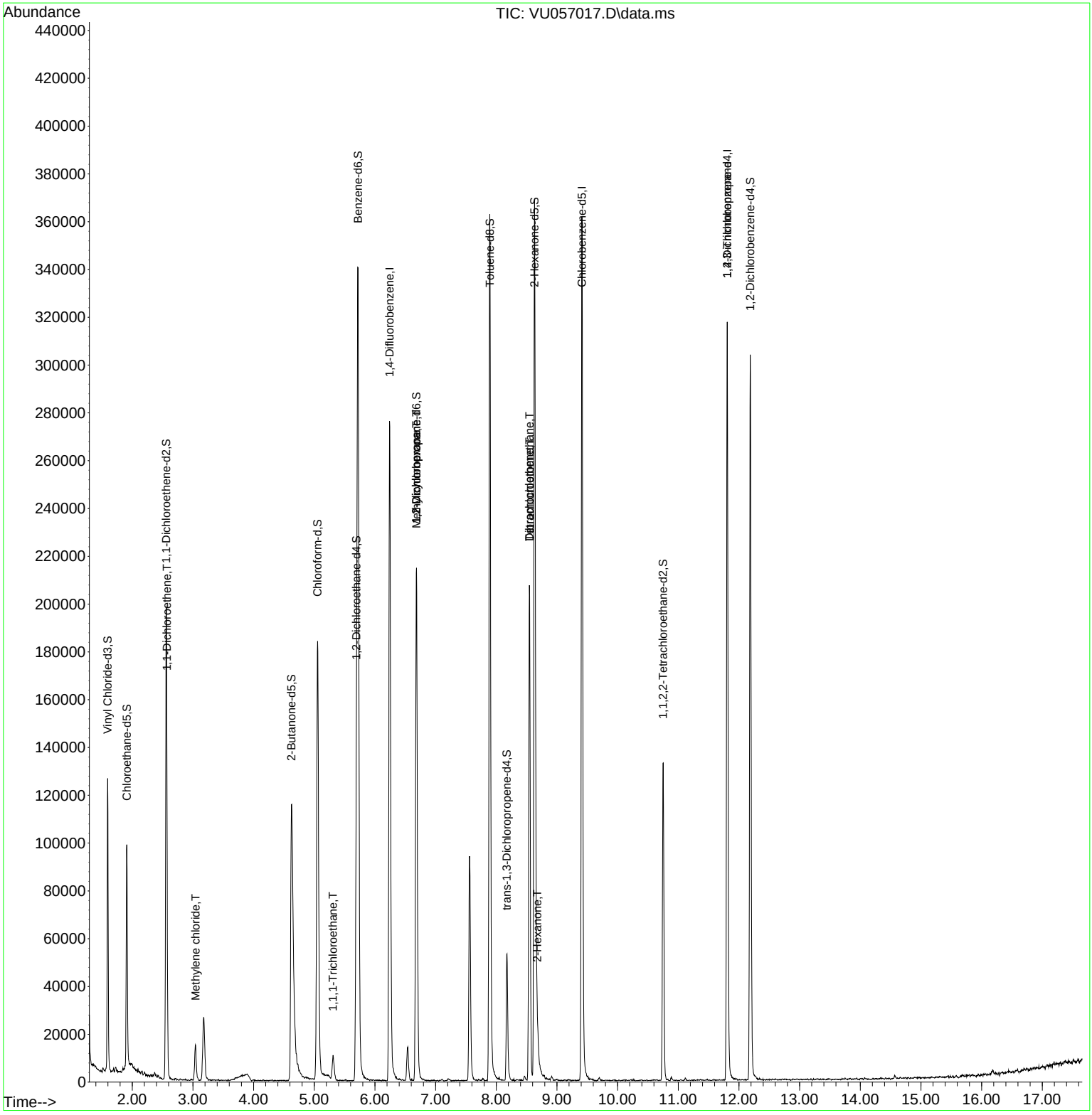
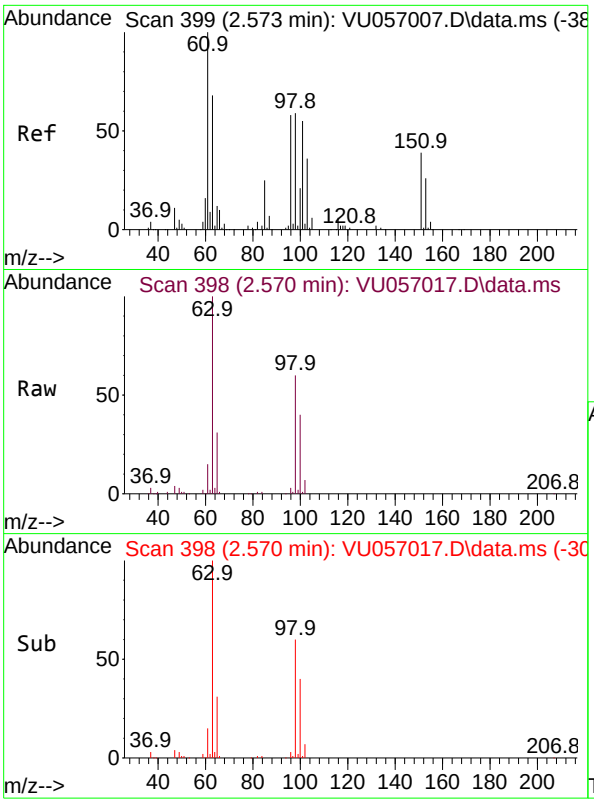
Operator : MD/SY
Sample : 05830-06 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Dec 19 05:13:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration



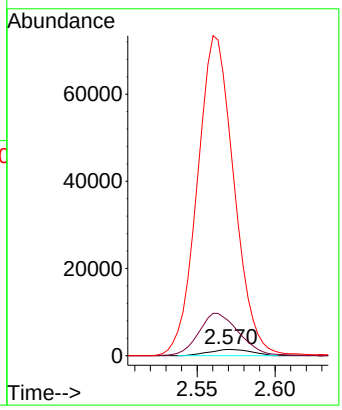


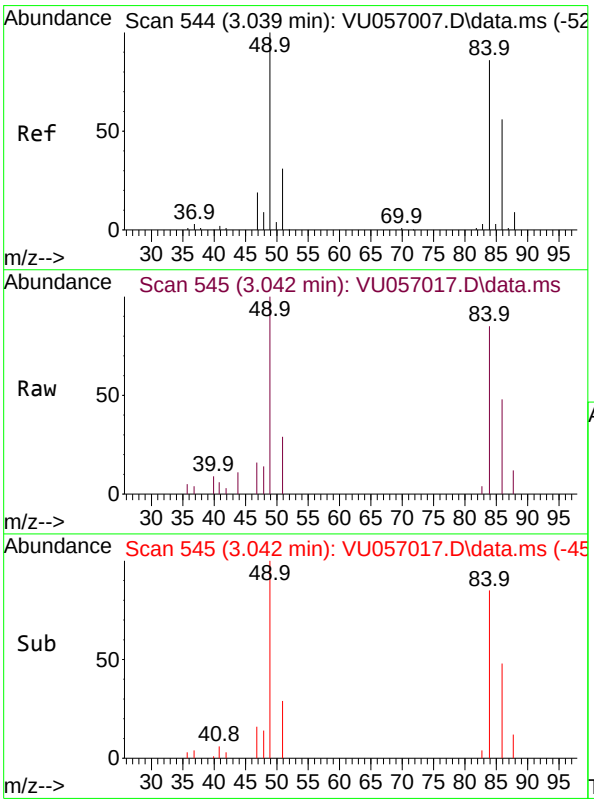

#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

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

Tgt Ion: 96 Resp: 2704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 563.0 | 119.0 | 221.0# |
| 63 | 3764.0 | 88.7 | 164.7# |

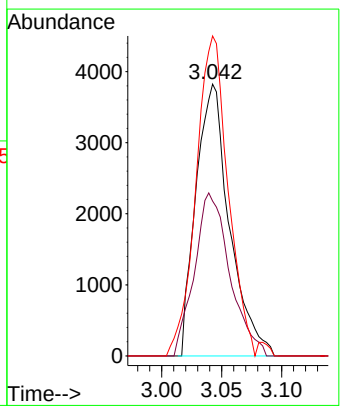


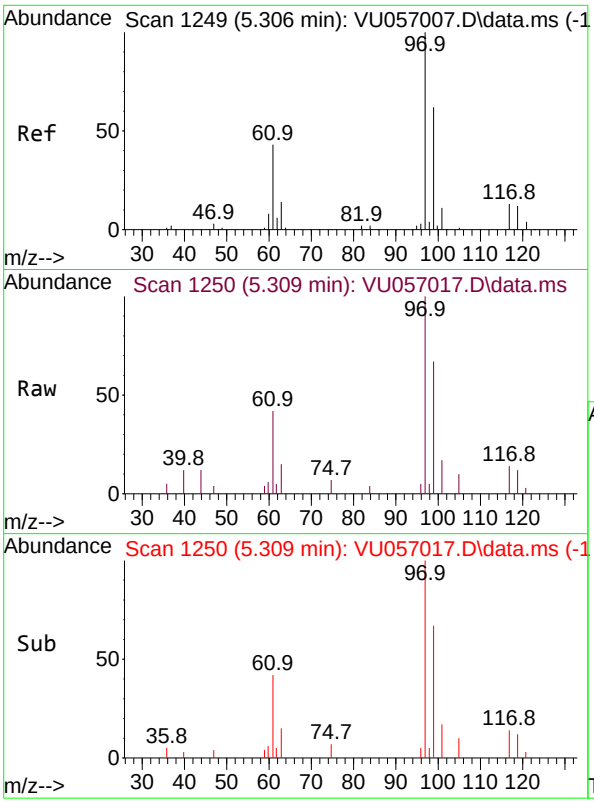




#16
Methylene chloride
Concen: 0.370 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

Tgt Ion: 84 Resp: 7438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 57.0 | 43.6 | 81.0 |
| 49 | 117.7 | 80.6 | 149.6 |



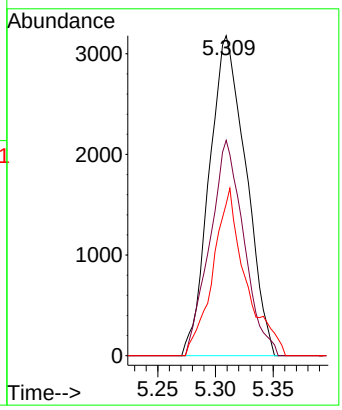


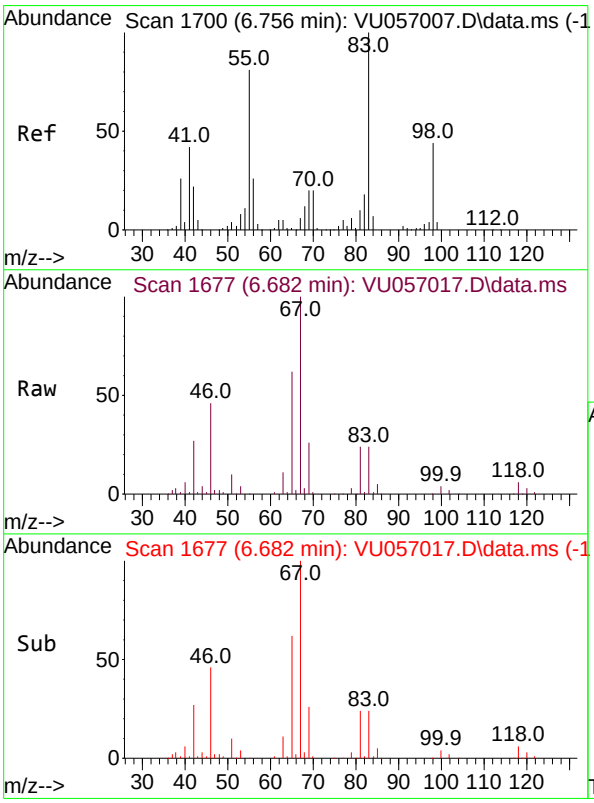

#29
1,1,1-Trichloroethane
Concen: 0.236 ug/L
RT: 5.309 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

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

Tgt Ion: 97 Resp: 7021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.3 | 52.5 | 78.7 |
| 61 | 46.7 | 34.2 | 51.2 |

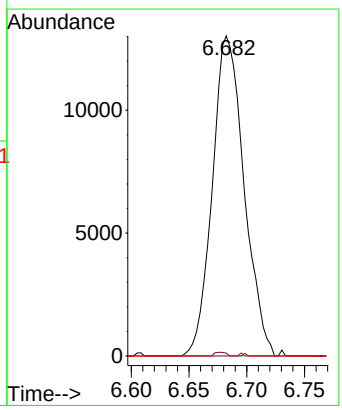


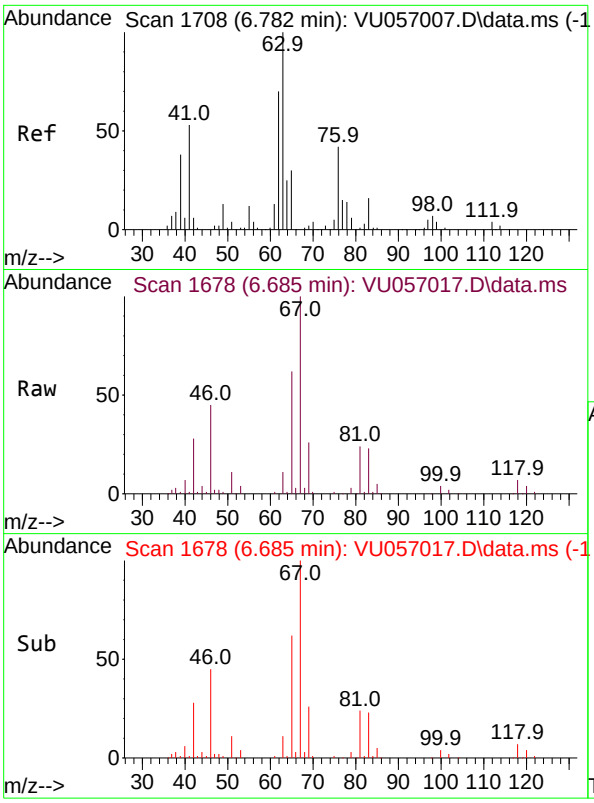




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

Tgt Ion: 83 Resp: 24879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 64.6 | 97.0# |
| 98 | 1.1 | 36.1 | 54.1# |



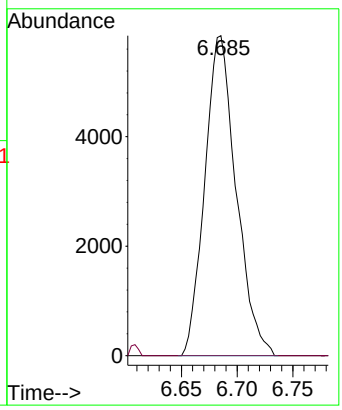


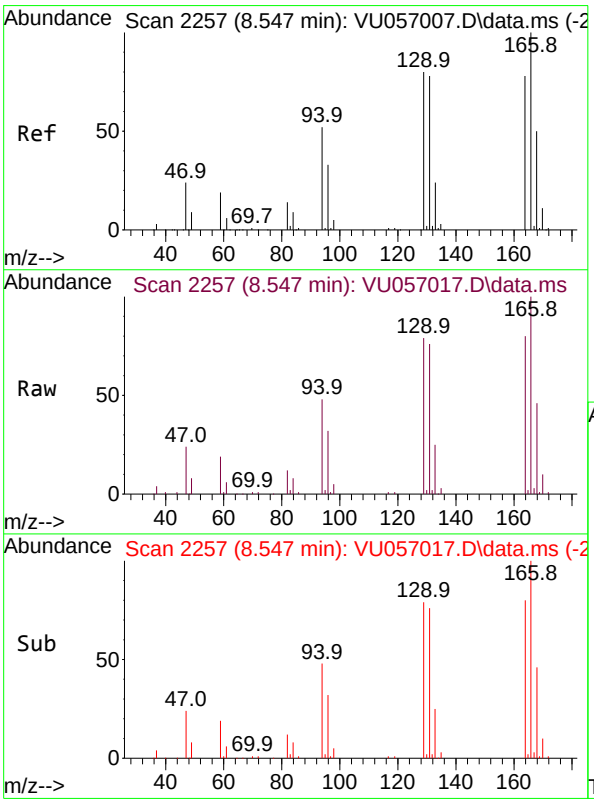

#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

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

Tgt Ion: 63 Resp: 11456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.8 | 3.3 | 4.9# |

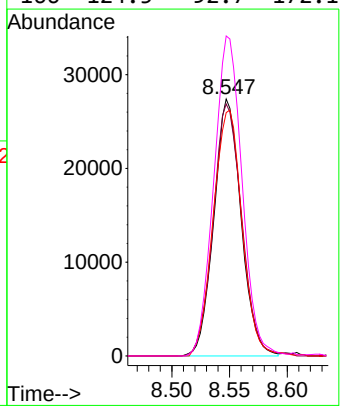


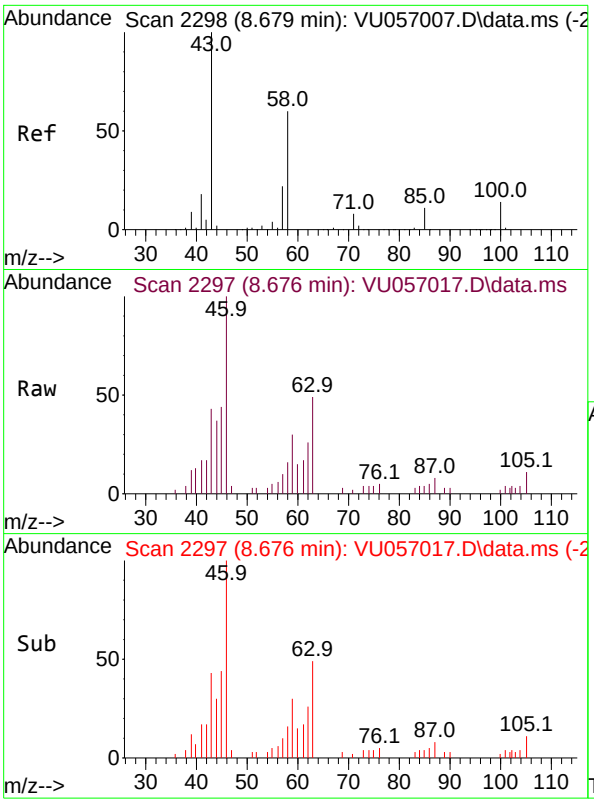




#47
Tetrachloroethene
Concen: 3.230 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

Tgt Ion:164 Resp: 44826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 98.0 | 73.4 | 136.4 |
| 131 | 94.7 | 71.5 | 132.9 |
| 166 | 124.5 | 92.7 | 172.1 |



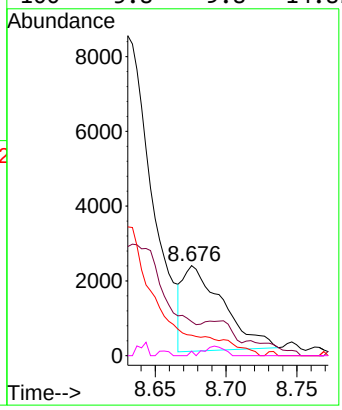


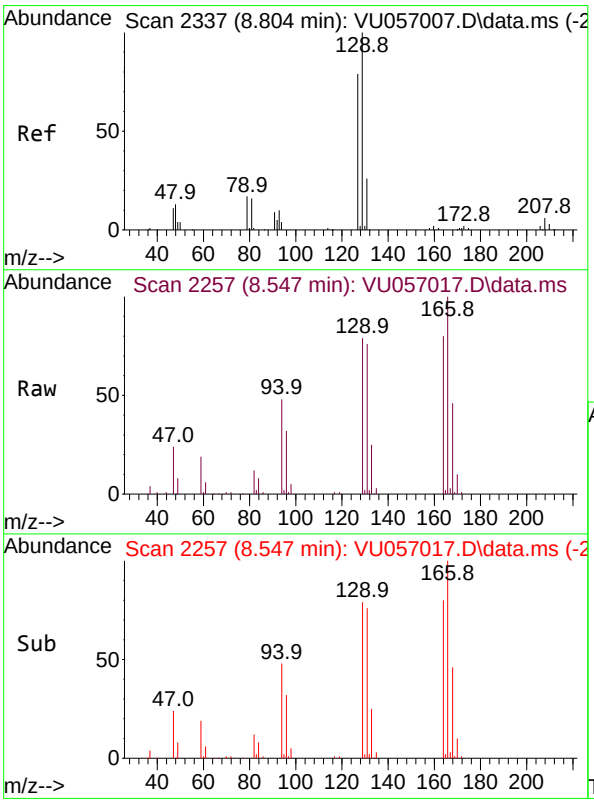

#48
2-Hexanone
Concen: 0.721 ug/L
RT: 8.676 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

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

Tgt Ion: 43 Resp: 4509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 47.5 | 71.3# |
| 57 | 0.0 | 17.0 | 25.4# |
| 100 | 5.8 | 9.8 | 14.8# |

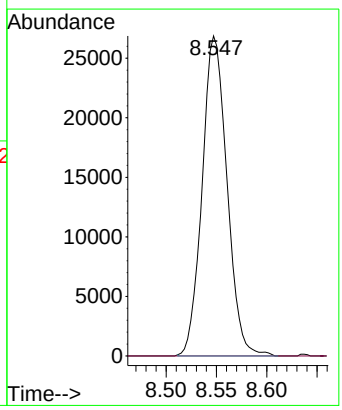


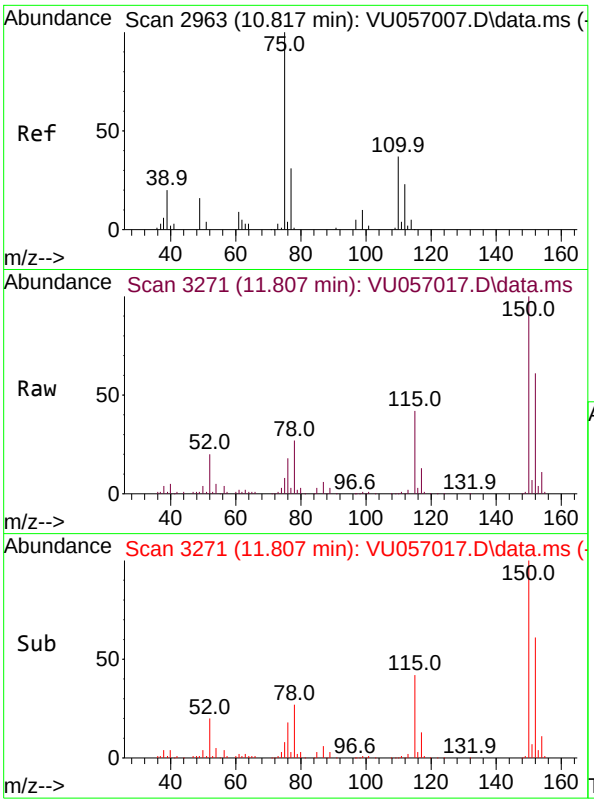




#49
Dibromochloromethane
Concen: 3.214 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

Tgt Ion:129 Resp: 46190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.9 | 100.1# |






#61
1,2,3-Trichloropropane
Concen: 1.191 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU057017.D
Acq: 19 Dec 2023 01:41

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

Tgt Ion: 75 Resp: 10528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 3.1 | 28.4 | 42.6# |
| 77 | 33.3 | 26.3 | 39.5 |