Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063160.D
Acq On : 05 Feb 2025 15:26
Operator : MD/SY
Sample : Q1226-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 06 07:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration

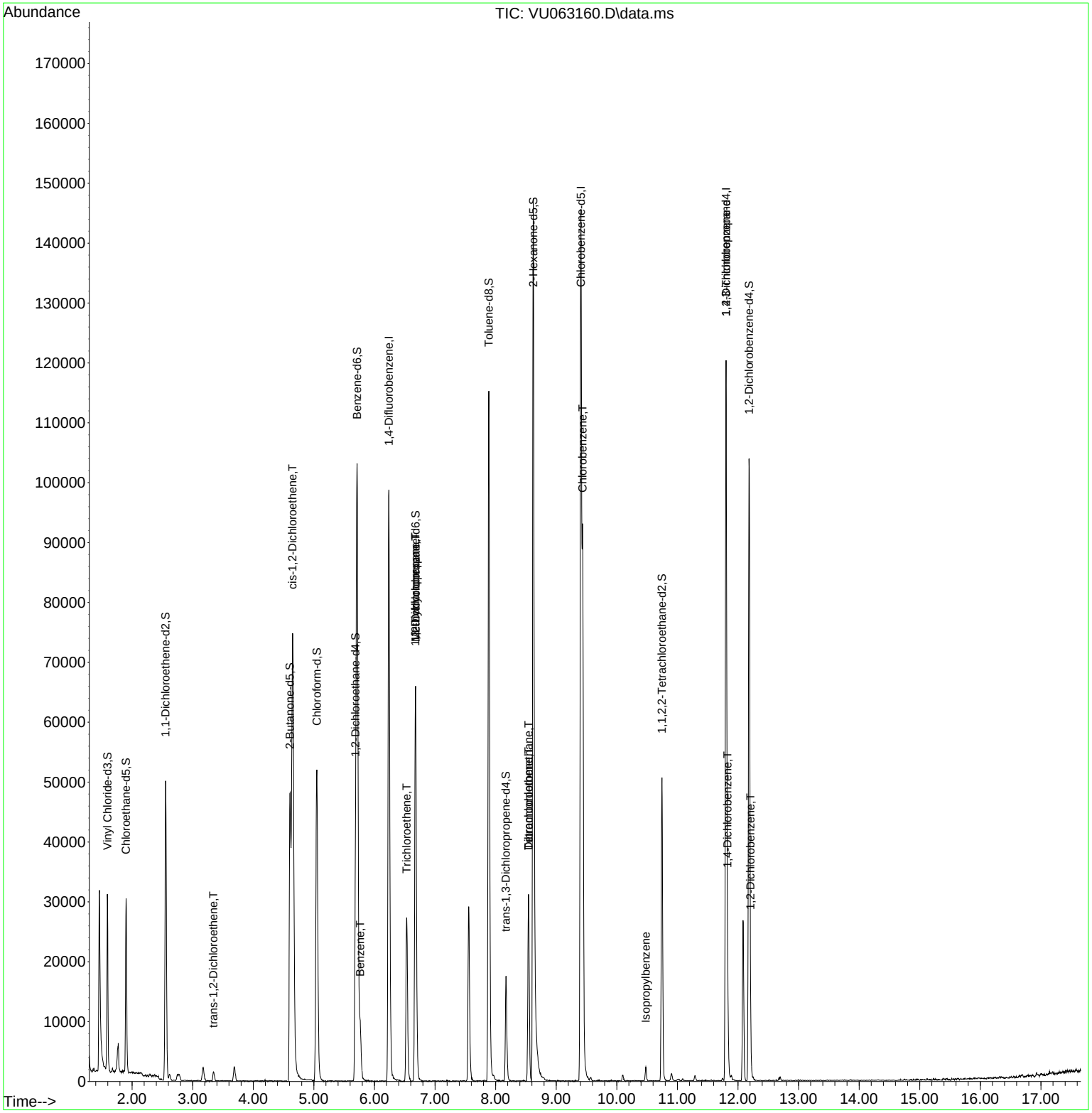
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.238 | 114 | 82705 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 78764 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 32423 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.592 | 65 | 20372 | 4.306 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 86.200% | | | |
| 7) Chloroethane-d5 | 1.901 | 69 | 21056 | 4.796 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.554 | 65 | 9805 | 4.643 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 92.800% | | | |
| 20) 2-Butanone-d5 | 4.605 | 46 | 70977 | 45.575 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 91.160% | | | |
| 24) Chloroform-d | 5.049 | 84 | 50726 | 4.850 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.689 | 65 | 26396 | 4.907 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.200% | | | |
| 32) Benzene-d6 | 5.714 | 84 | 97708 | 4.756 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.679 | 67 | 32628 | 4.817 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.400% | | | |
| 41) Toluene-d8 | 7.888 | 98 | 80111 | 4.414 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.171 | 79 | 10753 | 4.237 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 84.800% | | | |
| 46) 2-Hexanone-d5 | 8.621 | 63 | 50979 | 39.910 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 79.820% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 27022 | 4.520 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.183 | 152 | 28024 | 5.176 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 18) trans-1,2-Dichloroethene | 3.341 | 96 | 742 | 0.129 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 4.650 | 96 | 38211 | 5.959 | ug/L | 98 |
| 33) Benzene | 5.766 | 78 | 9216 | 0.356 | ug/L | 100 |
| 34) Trichloroethene | 6.531 | 95 | 9937 | 1.509 | ug/L | 99 |
| 35) Methylcyclohexane | 6.679 | 83 | 7378 | 0.748 | ug/L # | 22 |
| 37) 1,2-Dichloropropane | 6.676 | 63 | 3531 | 0.511 | ug/L # | 90 |
| 47) Tetrachloroethene | 8.544 | 164 | 7160 | 1.549 | ug/L | 92 |
| 49) Dibromochloromethane | 8.544 | 129 | 6966 | 1.296 | ug/L # | 11 |
| 51) Chlorobenzene | 9.438 | 112 | 47170 | 2.884 | ug/L | 100 |
| 60) Isopropylbenzene | 10.479 | 105 | 1973 | 0.086 | ug/L # | 79 |
| 61) 1,2,3-Trichloropropane | 11.804 | 75 | 6168 | 1.576 | ug/L # | 61 |
| 65) 1,4-Dichlorobenzene | 11.827 | 146 | 5174 | 0.493 | ug/L | 96 |
| 67) 1,2-Dichlorobenzene | 12.206 | 146 | 1715 | 0.176 | ug/L | 89 |

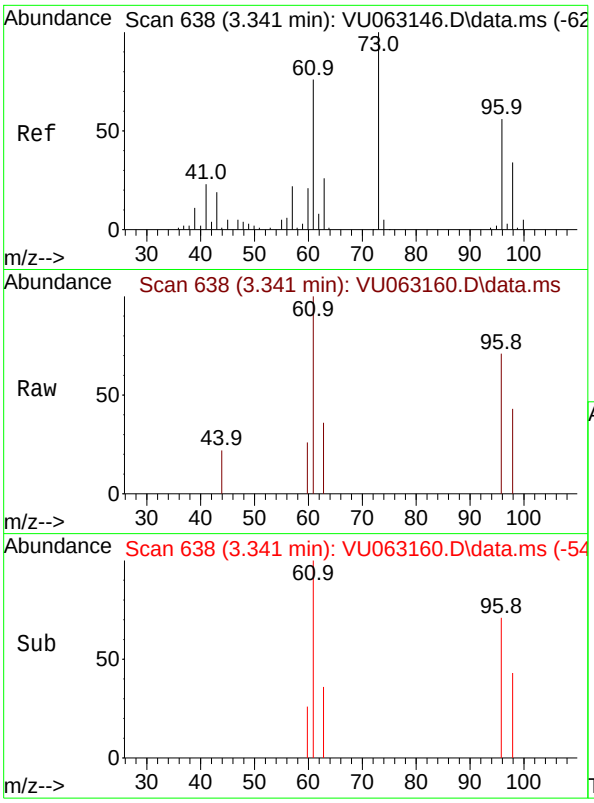
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063160.D
Acq On : 05 Feb 2025 15:26
Operator : MD/SY
Sample : Q1226-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 06 07:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration



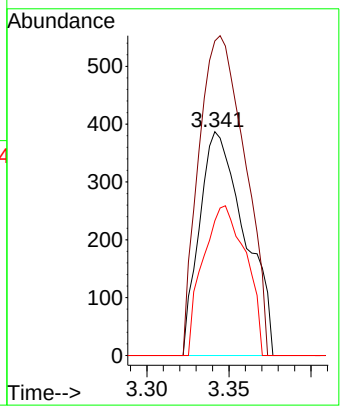


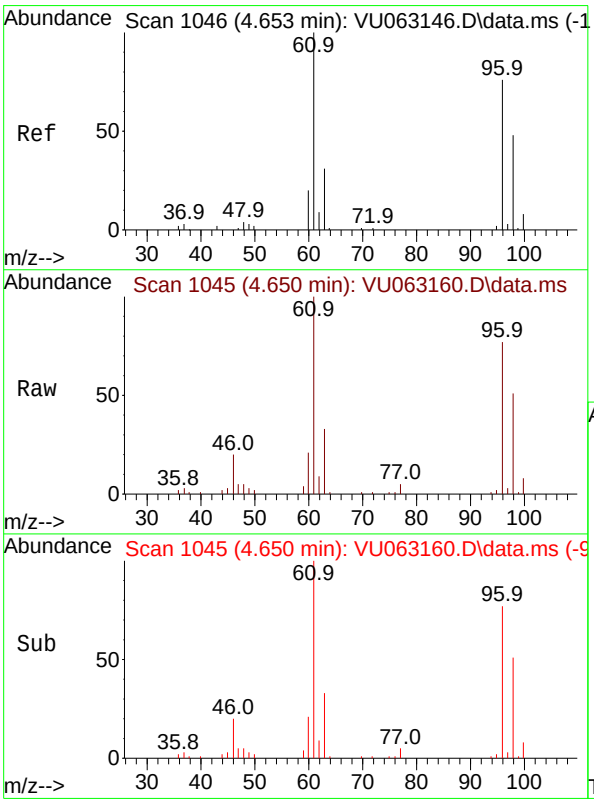

#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.341 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion: 96 Resp: 742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.6 | 99.2 | 184.2 |
| 98 | 60.2 | 43.2 | 80.2 |

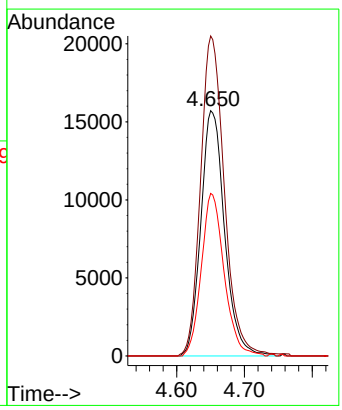


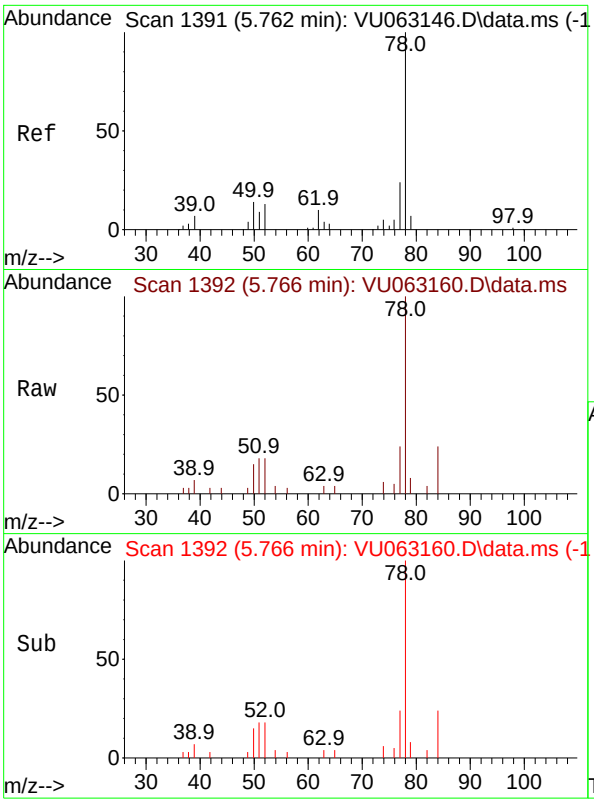




#22
cis-1,2-Dichloroethene
Concen: 5.959 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion: 96 Resp: 38211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 130.5 | 91.8 | 170.6 |
| 98 | 66.3 | 44.4 | 82.4 |

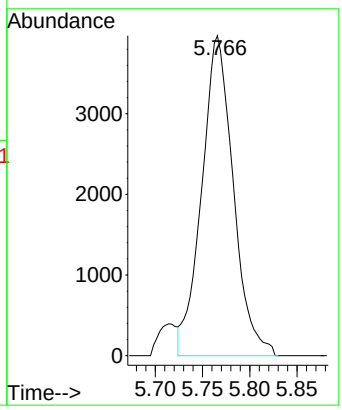


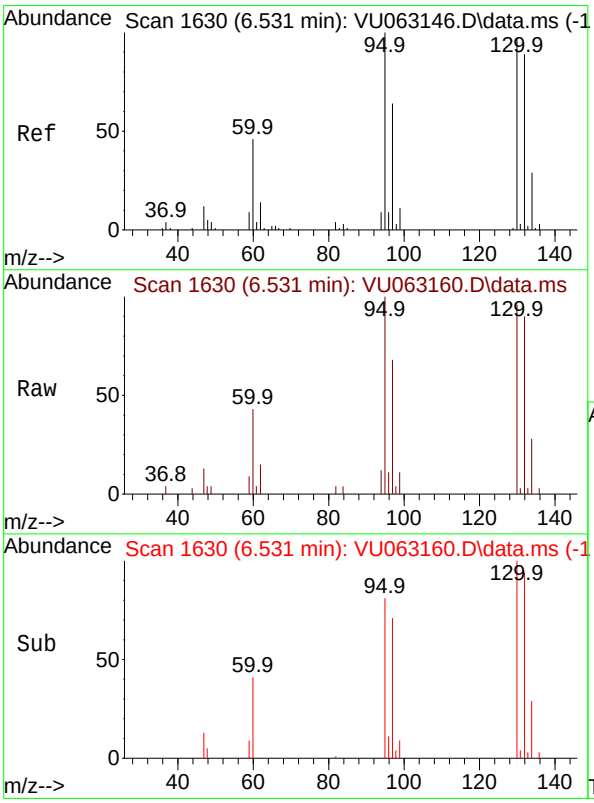



#33
Benzene
Concen: 0.356 ug/L
RT: 5.766 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion: 78 Resp: 9216

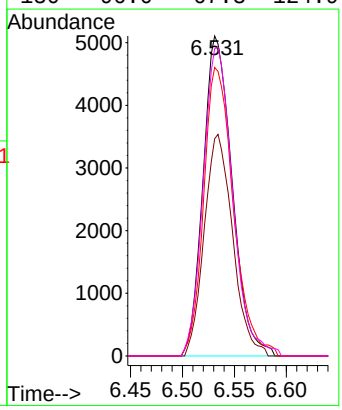


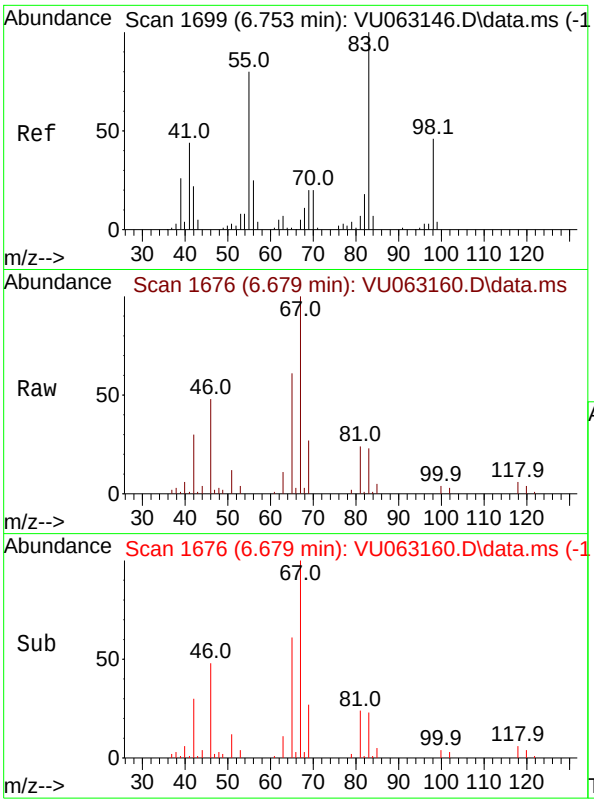




#34
Trichloroethene
Concen: 1.509 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion: 95 Resp: 9937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 67.9 | 46.7 | 86.7 |
| 132 | 90.2 | 62.4 | 115.8 |
| 130 | 96.0 | 67.3 | 124.9 |



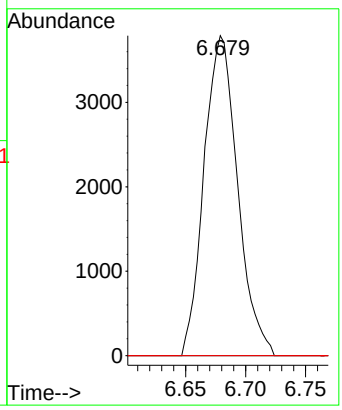


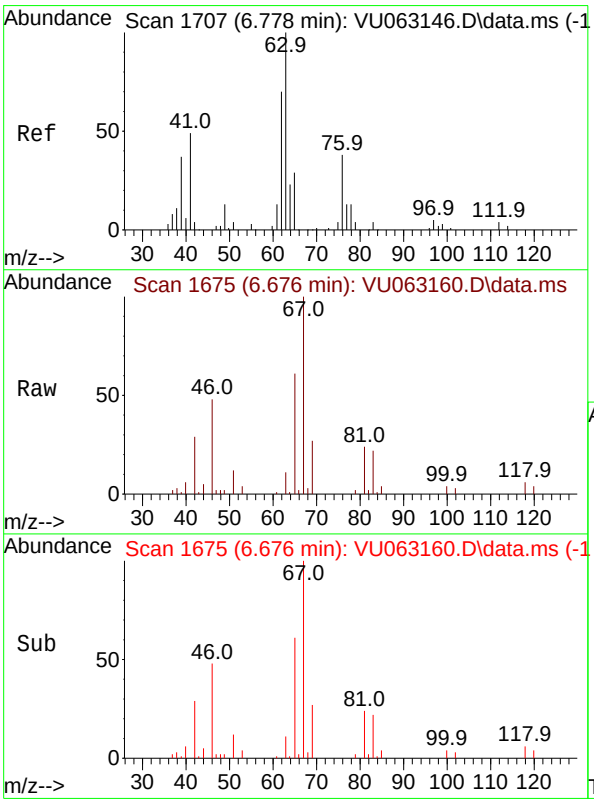

#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion: 83 Resp: 7378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.8 | 94.2# |
| 98 | 8.4 | 36.0 | 54.0# |

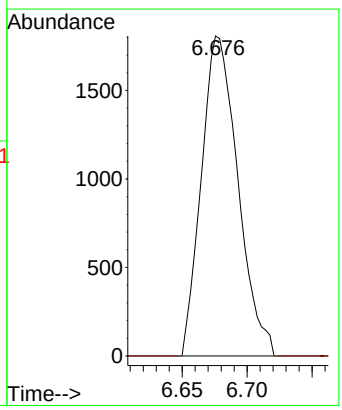


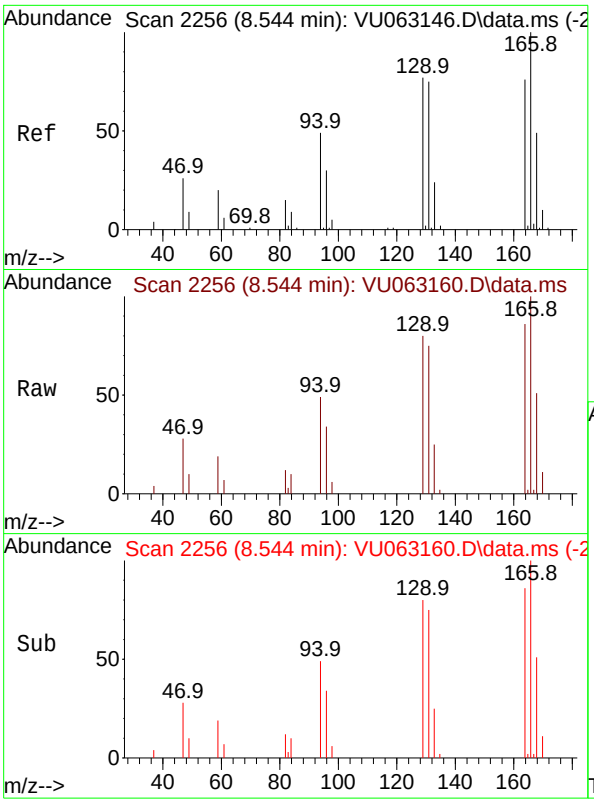




#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion: 63 Resp: 3531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.6 | 4.0# |



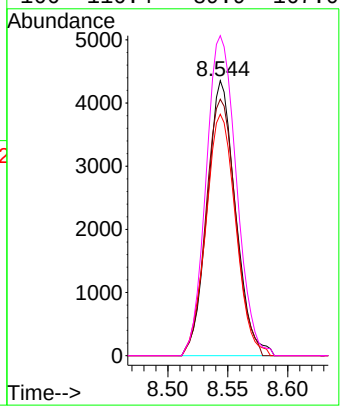


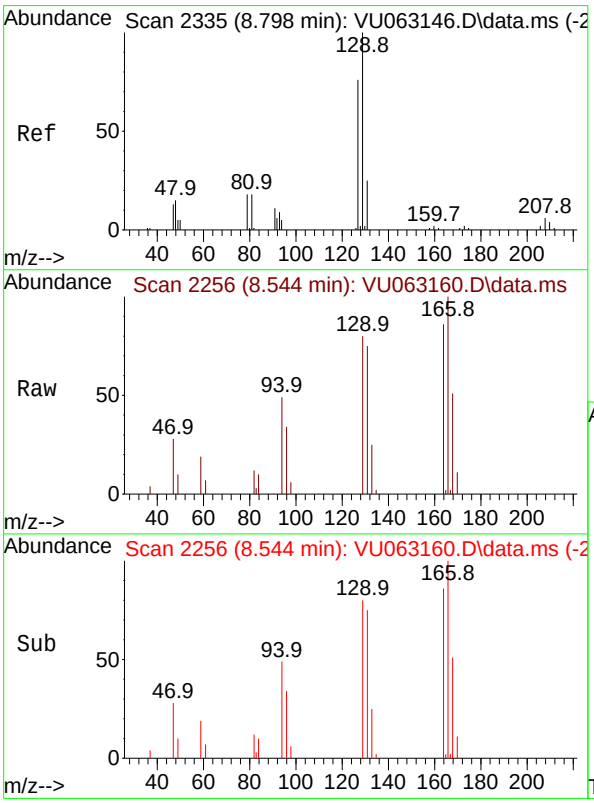

#47
Tetrachloroethene
Concen: 1.549 ug/L
RT: 8.544 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion:164 Resp: 7160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.3 | 68.6 | 127.4 |
| 131 | 87.8 | 66.5 | 123.5 |
| 166 | 116.4 | 89.9 | 167.0 |

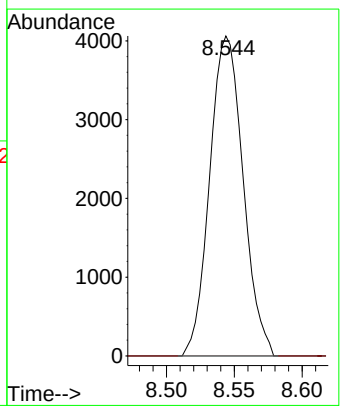


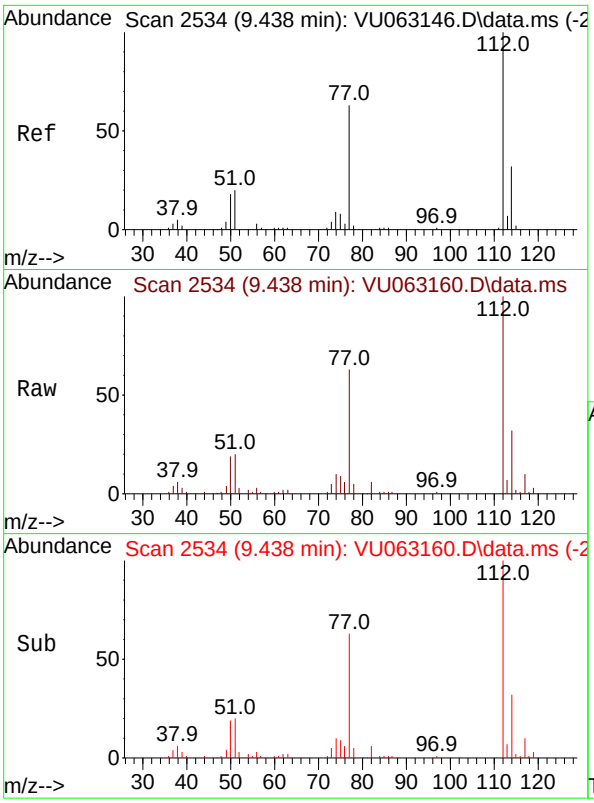




#49
Dibromochloromethane
Concen: 1.296 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.254 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion:129 Resp: 6966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.8 | 99.8# |



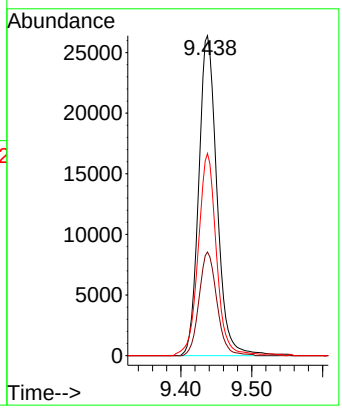


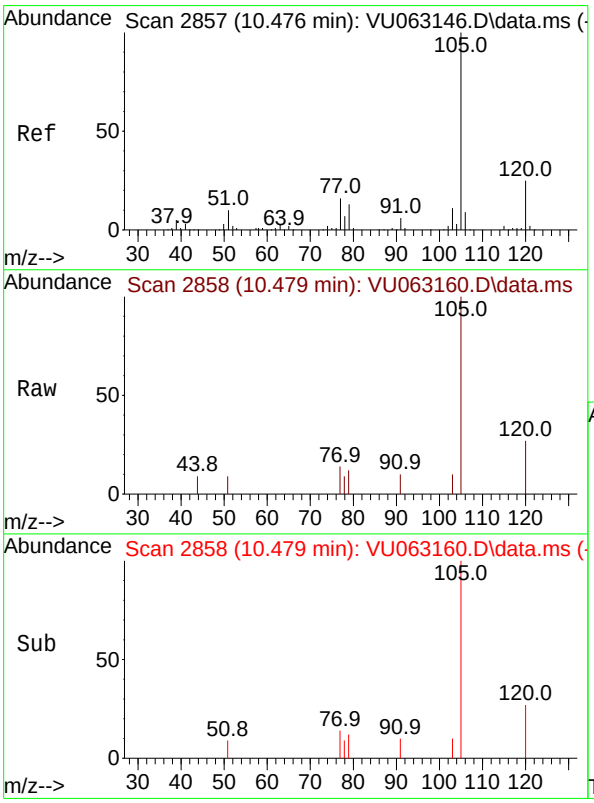

#51
Chlorobenzene
Concen: 2.884 ug/L
RT: 9.438 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion:112 Resp: 47170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.4 | 22.6 | 42.0 |
| 77 | 63.2 | 50.8 | 76.2 |

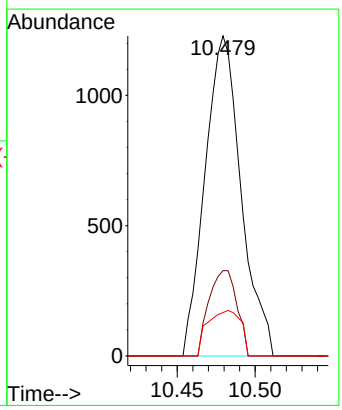


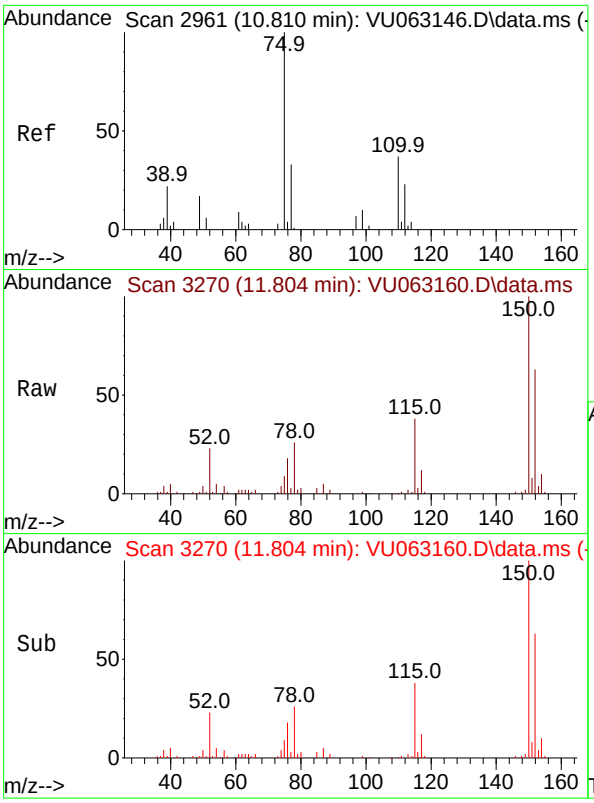




#60
Isopropylbenzene
Concen: 0.086 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion:105 Resp: 1973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 20.7 | 20.8 | 31.2# |
| 77 | 0.0 | 13.3 | 19.9# |



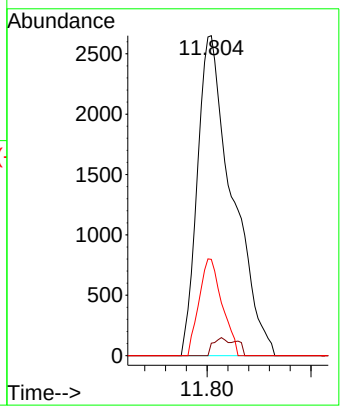


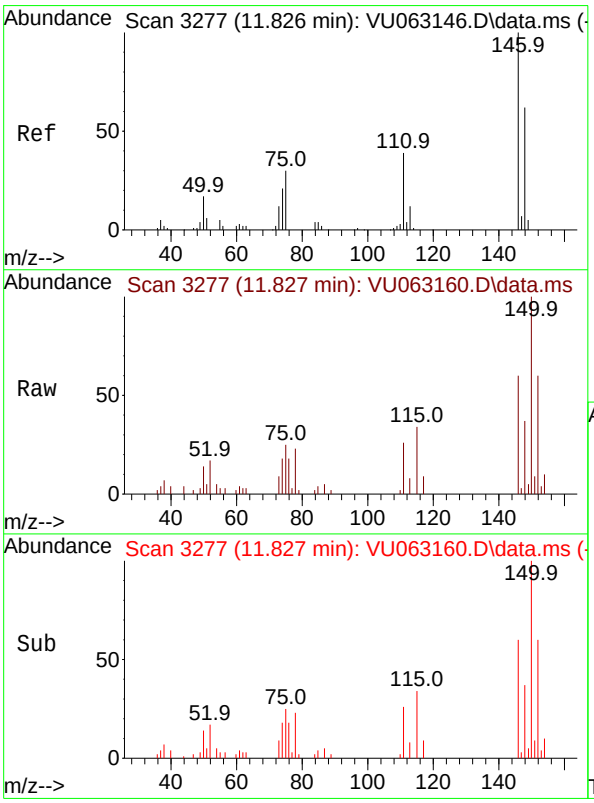

#61
1,2,3-Trichloropropane
Concen: 1.576 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.994 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion: 75 Resp: 6168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.6 | 27.4 | 41.0# |
| 77 | 20.0 | 26.3 | 39.5# |

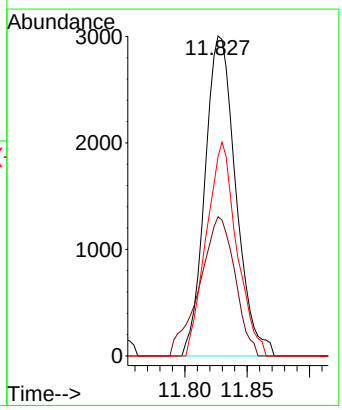


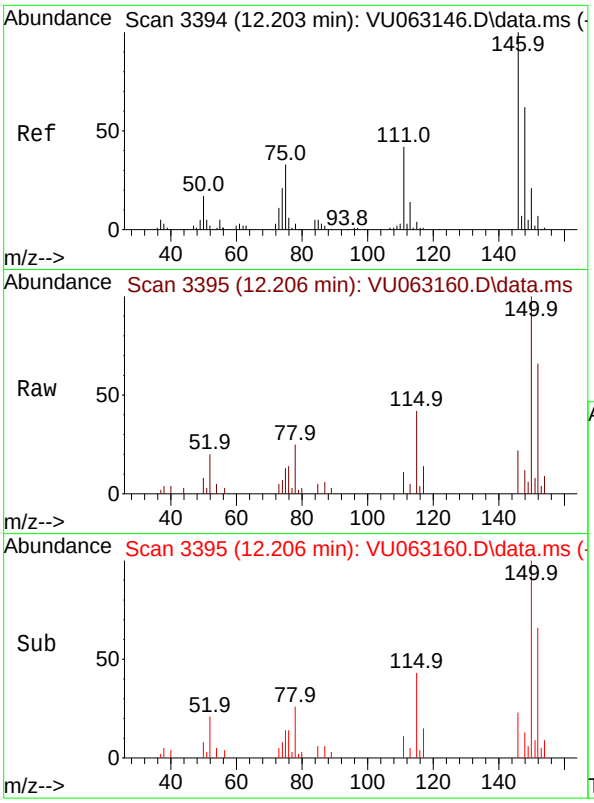




#65
1,4-Dichlorobenzene
Concen: 0.493 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion:146 Resp: 5174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.5 | 28.5 | 52.9 |
| 148 | 62.4 | 45.4 | 84.2 |






#67
1,2-Dichlorobenzene
Concen: 0.176 ug/L
RT: 12.206 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

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

Tgt Ion:146 Resp: 1715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 49.0 | 34.1 | 51.1 |
| 148 | 56.1 | 52.5 | 78.7 |