Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026522.D
Acq On : 23 Jun 2022 18:20
Operator : SY/MD
Sample : N3401-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Quant Time: Jun 24 02:04:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 204447 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 194881 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 81482 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.317 | 65 | 80916 | 4.921 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.400% | | | |
| 7) Chloroethane-d5 | 1.577 | 69 | 65202 | 4.936 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.117 | 63 | 112056 | 3.835 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 76.800% | | | |
| 20) 2-Butanone-d5 | 3.921 | 46 | 99572 | 60.913 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 121.820% | | | |
| 24) Chloroform-d | 4.358 | 84 | 130816 | 4.867 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.043 | 65 | 54810 | 5.294 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 105.800% | | | |
| 32) Benzene-d6 | 5.056 | 84 | 265306 | 4.740 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.075 | 67 | 77912 | 5.062 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.200% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 218326 | 4.337 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 16683 | 4.193 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.800% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 73921 | 48.776 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.560% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 50126 | 4.978 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.600% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 71623 | 5.312 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.252 | 50 | 1252 | 0.074 | ug/L | 90 |
| 5) Vinyl chloride | 1.320 | 62 | 801 | 0.044 | ug/L # | 1 |
| 6) Bromomethane | 1.535 | 94 | 717 | 0.073 | ug/L | 82 |
| 8) Chloroethane | 1.317 | 64 | 3503 | 0.284 | ug/L | 96 |
| 14) Carbon disulfide | 2.304 | 76 | 13356 | 0.367 | ug/L | 99 |
| 35) Methylcyclohexane | 6.075 | 83 | 18766 | 0.848 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.072 | 63 | 8068 | 0.588 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 6.995 | 75 | 1257 | 0.091 | ug/L # | 49 |
| 53) m,p-Xylene | 9.149 | 106 | 2373 | 0.100 | ug/L | 77 |
| 54) o-Xylene | 9.554 | 106 | 1226 | 0.055 | ug/L | 86 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 9119 | 1.728 | ug/L # | 65 |
| 62) 1,3,5-Trimethylbenzene | 10.914 | 105 | 1727 | 0.043 | ug/L | 91 |
| 71) Naphthalene | 13.516 | 128 | 1031 | 0.064 | ug/L # | 69 |

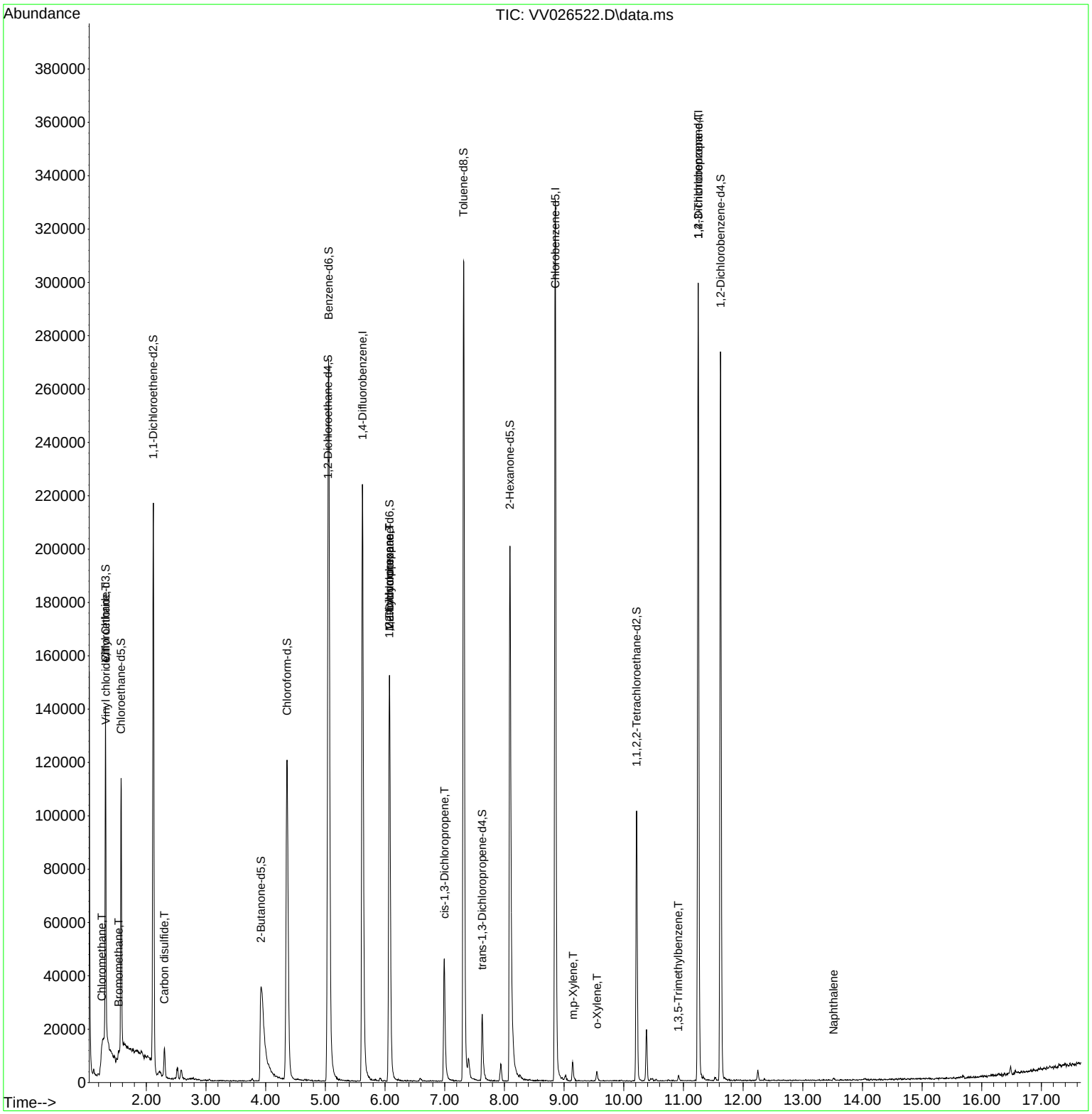
(#) = qualifier out of range (m) = manual integration (+) = signals summed

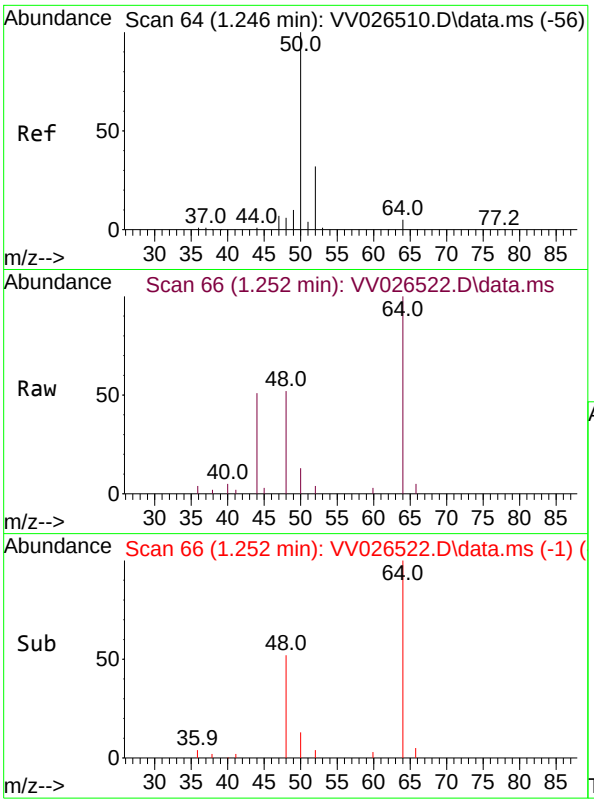
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026522.D
Acq On : 23 Jun 2022 18:20
Operator : SY/MD
Sample : N3401-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Quant Time: Jun 24 02:04:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration



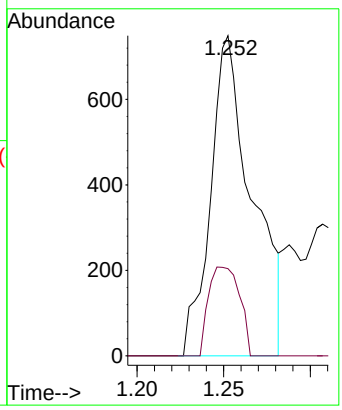


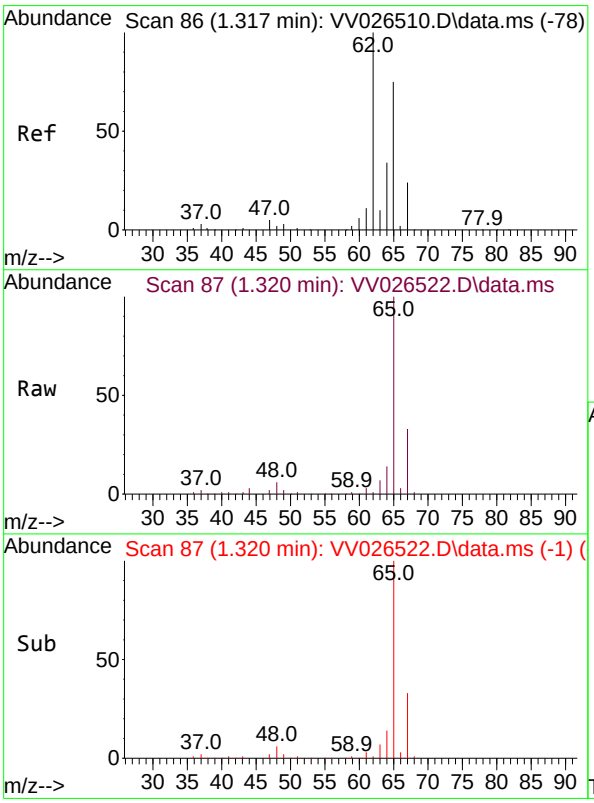

#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.252 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion: 50 Resp: 1252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 27.2 | 23.0 | 42.6 |

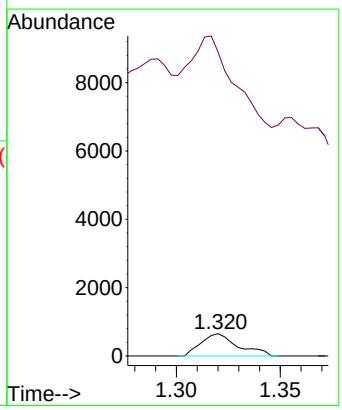


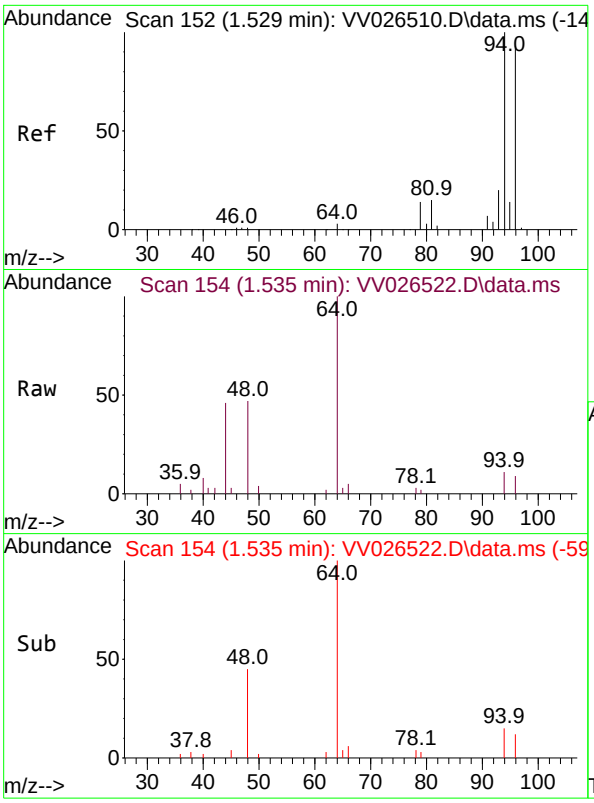




#5
Vinyl chloride
Concen: 0.044 ug/L
RT: 1.320 min Scan# 87
Delta R.T. 0.003 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion: 62 Resp: 801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 1367.0 | 26.2 | 48.6# |



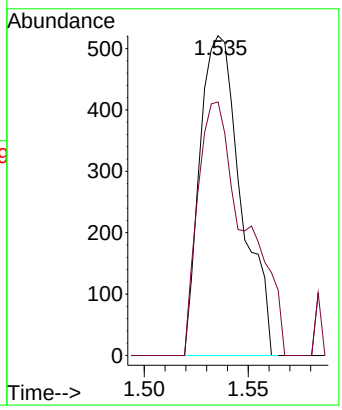


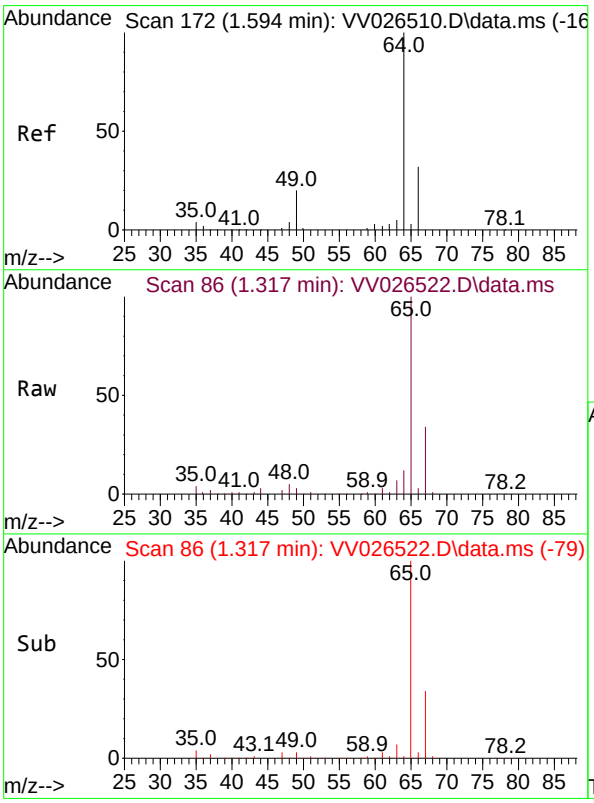

#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion: 94 Resp: 717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 79.3 | 68.0 | 126.2 |

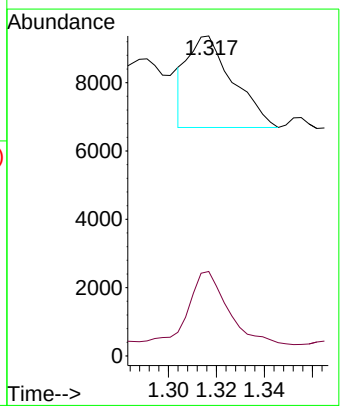


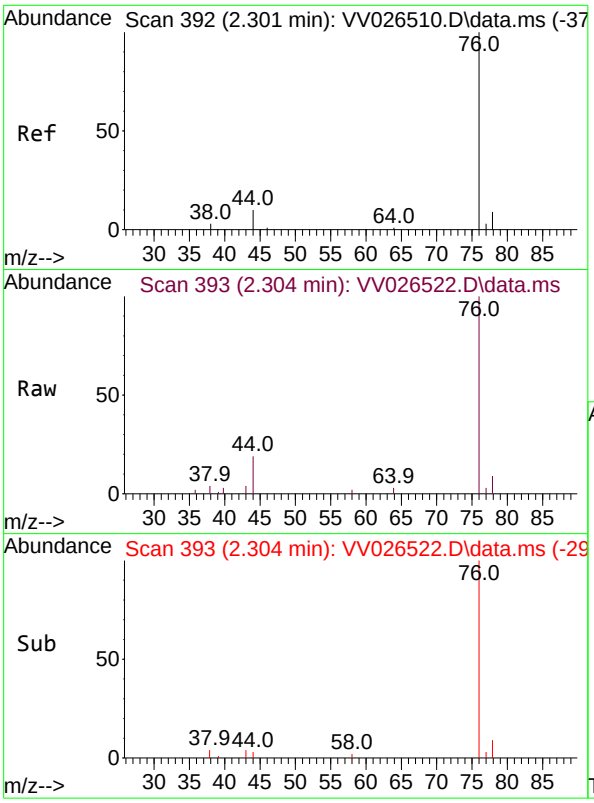




#8
Chloroethane
Concen: 0.284 ug/L
RT: 1.317 min Scan# 86
Delta R.T. -0.277 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion: 64 Resp: 3503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 26.4 | 20.0 | 37.2 |



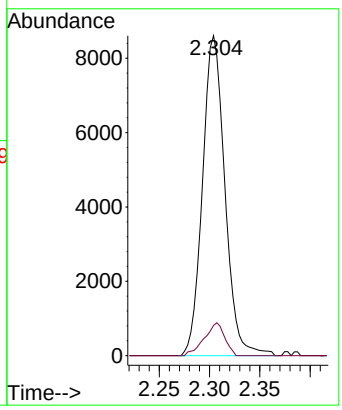


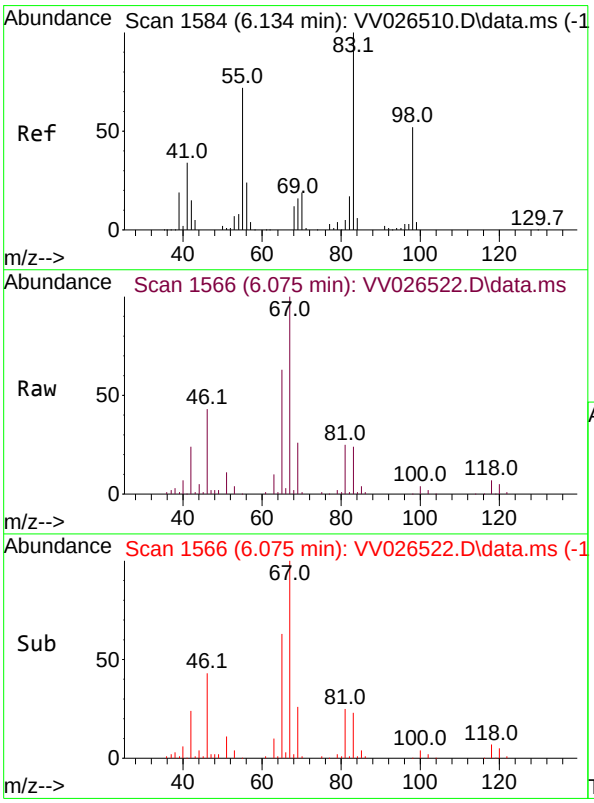

#14
Carbon disulfide
Concen: 0.367 ug/L
RT: 2.304 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion: 76 Resp: 13356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.8 | 11.6 |

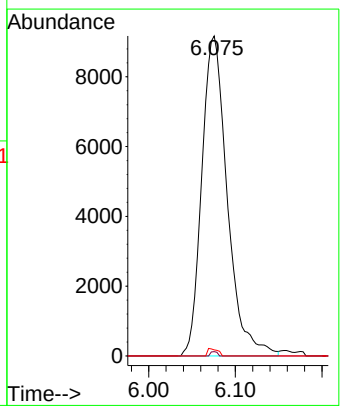


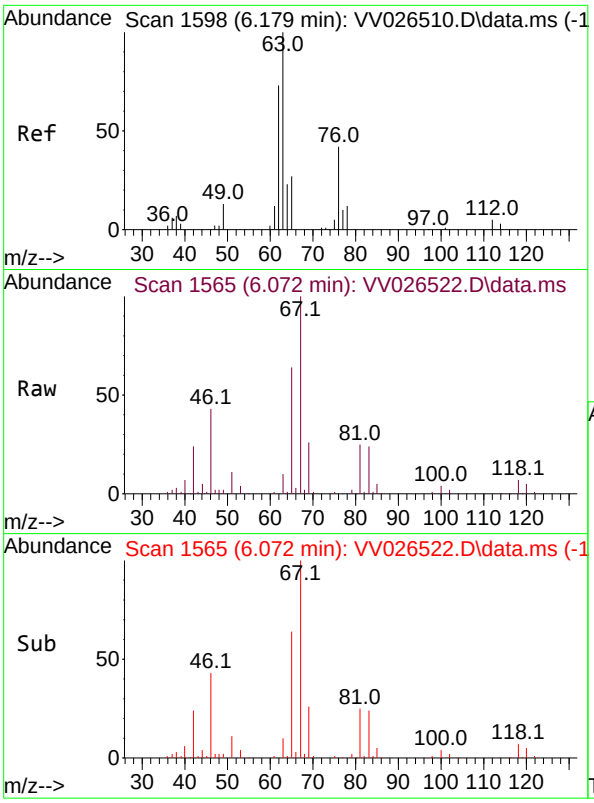




#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion: 83 Resp: 18766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 57.0 | 85.4# |
| 98 | 0.9 | 39.8 | 59.8# |



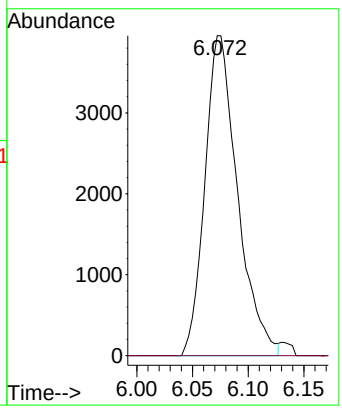


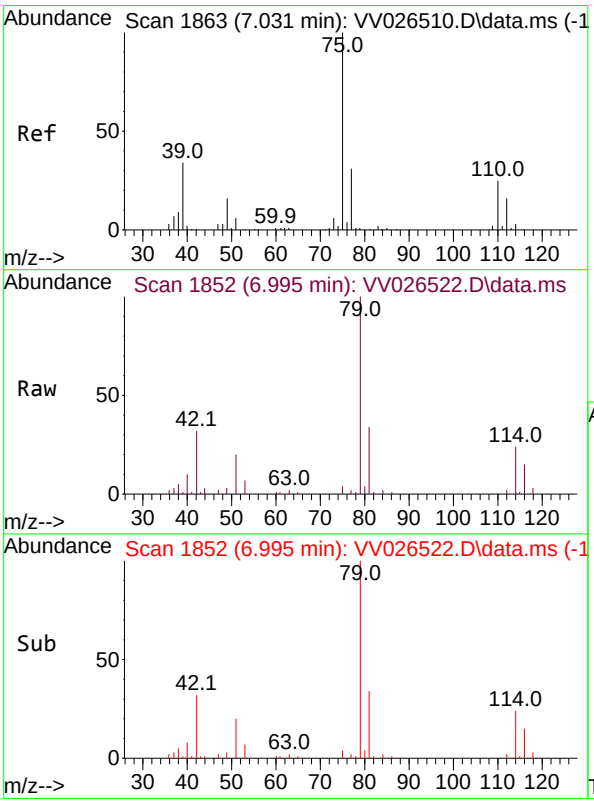

#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.072 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion: 63 Resp: 8068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 4.2 | 6.4# |

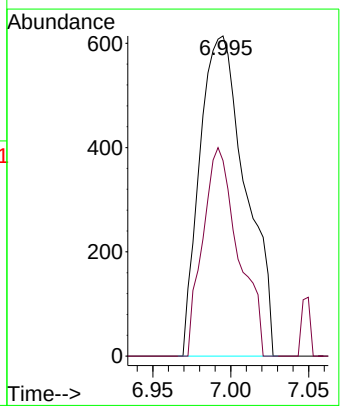


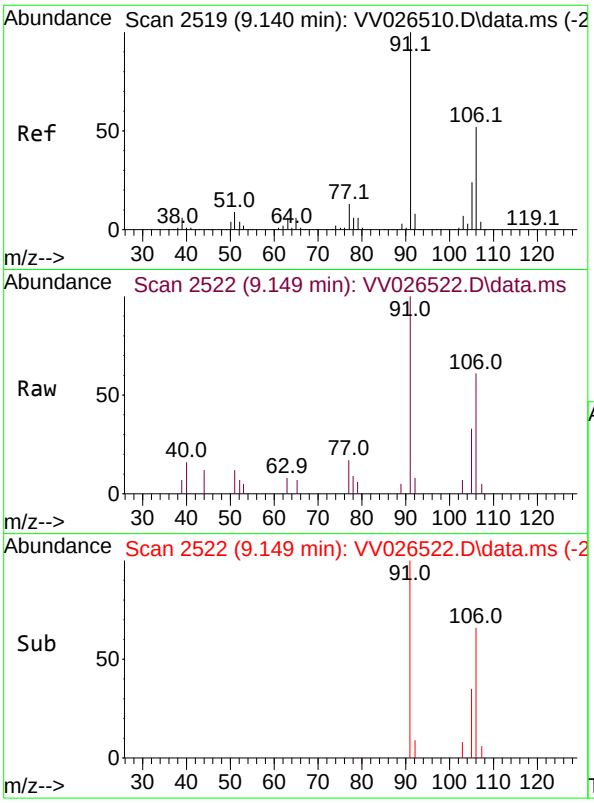




#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.036 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion: 75 Resp: 1257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 61.1 | 22.8 | 42.4# |



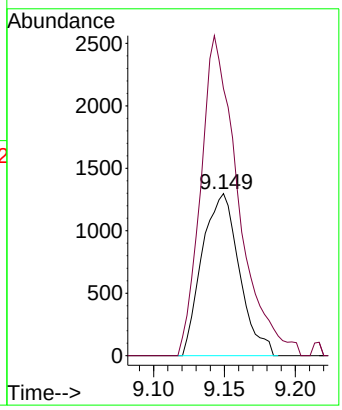


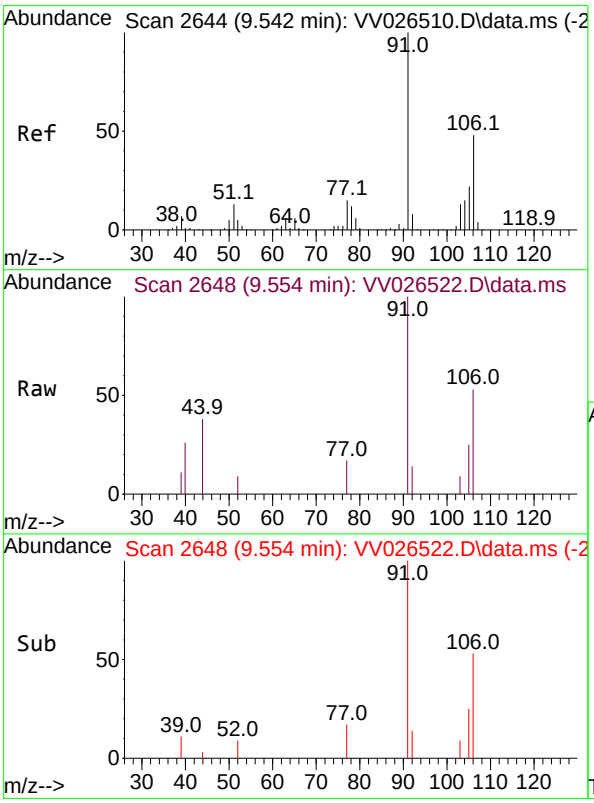

#53
m,p-Xylene
Concen: 0.100 ug/L
RT: 9.149 min Scan# 2
Delta R.T. 0.009 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion:106 Resp: 2373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 164.7 | 139.9 | 259.9 |

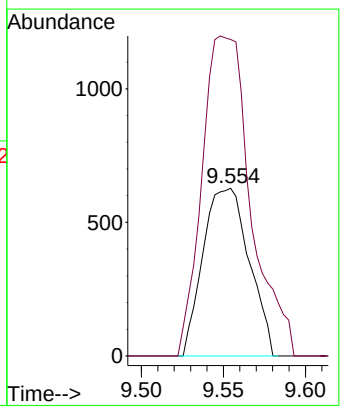


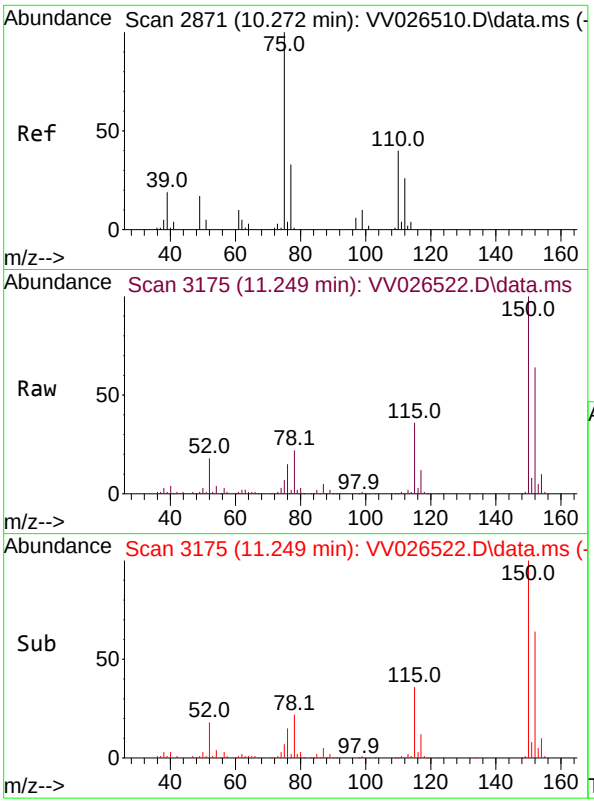




#54
o-Xylene
Concen: 0.055 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.013 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion:106 Resp: 1226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 188.7 | 147.5 | 273.9 |



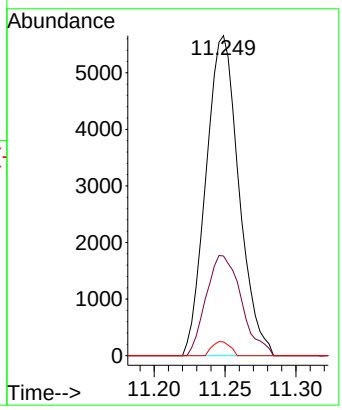


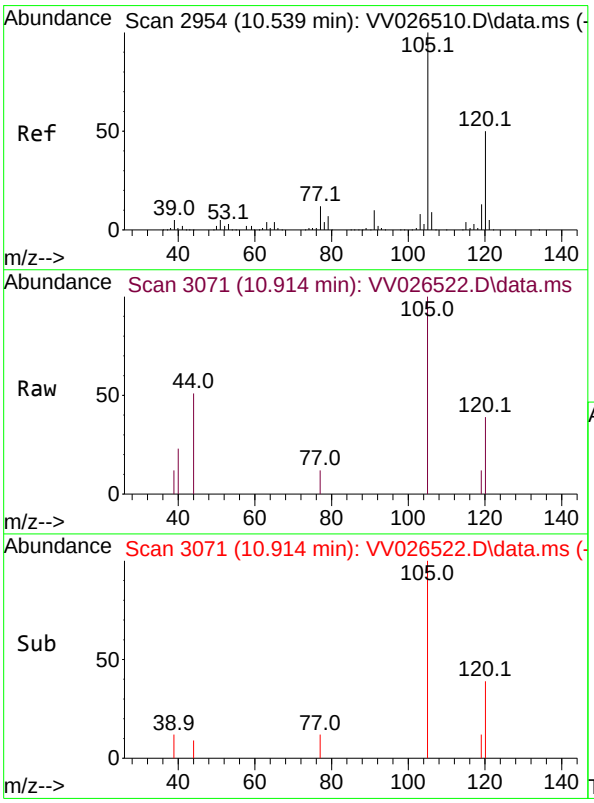

#61
1,2,3-Trichloropropane
Concen: 1.728 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion: 75 Resp: 9119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.6 | 25.8 | 38.6 |
| 110 | 2.4 | 32.5 | 48.7# |

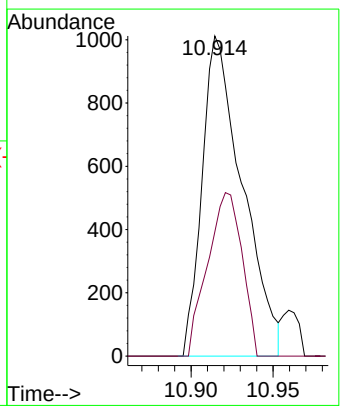


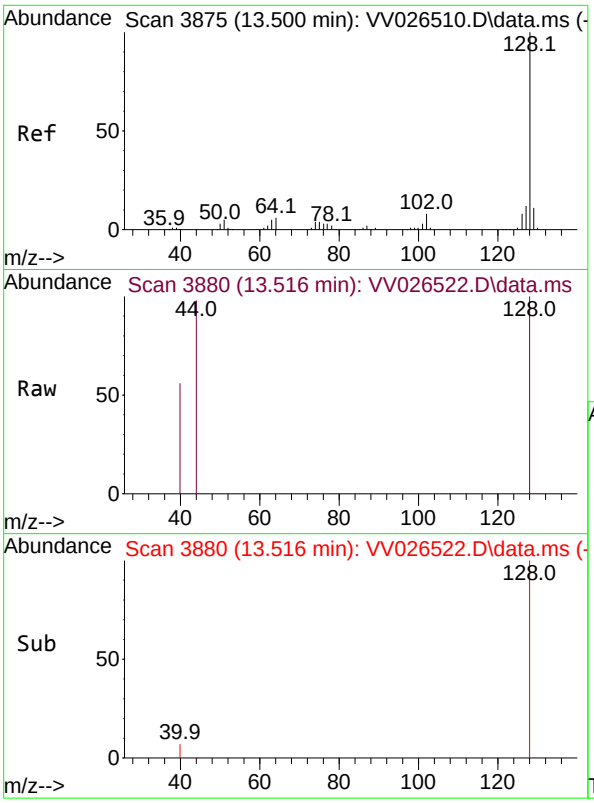




#62
1,3,5-Trimethylbenzene
Concen: 0.043 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.376 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

Tgt Ion:105 Resp: 1727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 39.6 | 59.4 |






#71
Naphthalene
Concen: 0.064 ug/L
RT: 13.516 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV026522.D
Acq: 23 Jun 2022 18:20

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AG0

Tgt Ion:128 Resp: 1031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 8.6 | 12.8# |
| 127 | 0.0 | 10.2 | 15.4# |