Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
Data File : VV038574.D
Acq On : 29 Jan 2025 17:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 09:44:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 08:15:13 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 184418 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.780 | 117 | 199933 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.178 | 152 | 105298 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 43283 | 2.846 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 57.000% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 44699 | 3.500 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 70.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.050 | 65 | 21538 | 3.143 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 62.800% | | | |
| 20) 2-Butanone-d5 | 3.825 | 46 | 184099 | 57.555 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 115.120% | | | |
| 24) Chloroform-d | 4.240 | 84 | 132012 | 4.631 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 61486 | 4.707 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.200% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 211724 | 3.845 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 76.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 73147 | 4.370 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 87.400% | | | |
| 41) Toluene-d8 | 7.236 | 98 | 184050 | 3.721 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 26604 | 4.345 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.000% | | | |
| 46) 2-Hexanone-d5 | 8.024 | 63 | 119192 | 49.345 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.680% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84 | 72837 | 5.489 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 109.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.554 | 152 | 75278 | 4.224 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 84.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.105 | 85 | 76956 | 3.725 | ug/L | 99 |
| 3) Chloromethane | 1.214 | 50 | 83401 | 3.946 | ug/L | 98 |
| 5) Vinyl chloride | 1.278 | 62 | 88476 | 4.143 | ug/L | 99 |
| 6) Bromomethane | 1.484 | 94 | 48076 | 4.500 | ug/L | 96 |
| 8) Chloroethane | 1.545 | 64 | 53611 | 4.190 | ug/L | 100 |
| 9) Trichlorofluoromethane | 1.709 | 101 | 125669 | 4.624 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.060 | 101 | 72792 | 4.685 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.063 | 96 | 69317 | 4.533 | ug/L | 88 |
| 13) Acetone | 2.150 | 43 | 115198 | 46.287 | ug/L | 99 |
| 14) Carbon disulfide | 2.233 | 76 | 195603 | 3.807 | ug/L | 99 |
| 15) Methyl Acetate | 2.391 | 43 | 27944 | 4.395 | ug/L # | 72 |
| 16) Methylene chloride | 2.442 | 84 | 80343 | 4.740 | ug/L | 98 |
| 17) Methyl tert-butyl Ether | 2.699 | 73 | 150600 | 4.680 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.687 | 96 | 67971 | 4.323 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.105 | 63 | 138528 | 4.630 | ug/L | 100 |
| 21) 2-Butanone | 3.905 | 43 | 167614 | 47.477 | ug/L | 82 |
| 22) cis-1,2-Dichloroethene | 3.809 | 96 | 70063 | 4.383 | ug/L | 98 |
| 23) Bromochloromethane | 4.146 | 128 | 35782 | 4.920 | ug/L | 92 |
| 25) Chloroform | 4.265 | 83 | 143882 | 4.864 | ug/L | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
Data File : VV038574.D
Acq On : 29 Jan 2025 17:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 09:44:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 08:15:13 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 5.040 | 62 | 82507 | 5.015 | ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 4.503 | 97 | 121096 | 4.556 | ug/L | 98 |
| 30) Cyclohexane | 4.571 | 56 | 92569 | 3.824 | ug/L | 96 |
| 31) Carbon tetrachloride | 4.725 | 117 | 105973 | 4.511 | ug/L | 97 |
| 33) Benzene | 5.002 | 78 | 288282 | 4.541 | ug/L | 100 |
| 34) Trichloroethene | 5.828 | 95 | 72994 | 4.424 | ug/L | 96 |
| 35) Methylcyclohexane | 6.043 | 83 | 95413 | 3.794 | ug/L | 95 |
| 37) 1,2-Dichloropropane | 6.085 | 63 | 79794 | 4.867 | ug/L | 97 |
| 38) Bromodichloromethane | 6.426 | 83 | 99512 | 4.680 | ug/L | 100 |
| 39) cis-1,3-Dichloropropene | 6.950 | 75 | 98320 | 4.350 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.153 | 43 | 432994 | 51.042 | ug/L | 99 |
| 42) Toluene | 7.307 | 91 | 310289 | 4.689 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 7.577 | 75 | 86935 | 4.539 | ug/L | 100 |
| 45) 1,1,2-Trichloroethane | 7.764 | 97 | 59419 | 5.039 | ug/L | 97 |
| 47) Tetrachloroethene | 7.899 | 164 | 56407 | 4.417 | ug/L | 97 |
| 48) 2-Hexanone | 8.072 | 43 | 324739 | 52.870 | ug/L | 97 |
| 49) Dibromochloromethane | 8.169 | 129 | 64125 | 4.723 | ug/L | 91 |
| 50) 1,2-Dibromoethane | 8.278 | 107 | 53484 | 4.874 | ug/L | 94 |
| 51) Chlorobenzene | 8.809 | 112 | 201374 | 4.523 | ug/L | 98 |
| 52) Ethylbenzene | 8.940 | 91 | 313485 | 4.404 | ug/L | 99 |
| 53) m,p-Xylene | 9.066 | 106 | 119189 | 4.418 | ug/L | 95 |
| 54) o-Xylene | 9.471 | 106 | 112393 | 4.372 | ug/L | 99 |
| 55) Styrene | 9.490 | 104 | 210421 | 4.694 | ug/L | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83 | 71805 | 5.000 | ug/L | 100 |
| 59) Bromoform | 9.661 | 173 | 34293 | 4.670 | ug/L | 98 |
| 60) Isopropylbenzene | 9.860 | 105 | 311386 | 4.395 | ug/L | 98 |
| 61) 1,2,3-Trichloropropane | 10.204 | 75 | 48455 | 4.790 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 10.468 | 105 | 222693 | 4.014 | ug/L | 98 |
| 63) 1,2,4-Trimethylbenzene | 10.844 | 105 | 233407 | 4.212 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.111 | 146 | 161832 | 4.604 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.201 | 146 | 165421 | 4.552 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 11.570 | 146 | 151352 | 4.598 | ug/L | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75 | 9665 | 4.622 | ug/L | 88 |
| 69) 1,3,5-Trichlorobenzene | 12.577 | 180 | 100284 | 4.148 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.191 | 180 | 77794 | 4.330 | ug/L | 97 |
| 71) Naphthalene | 13.435 | 128 | 100500 | 3.776 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.673 | 180 | 72277 | 4.652 | ug/L | 99 |

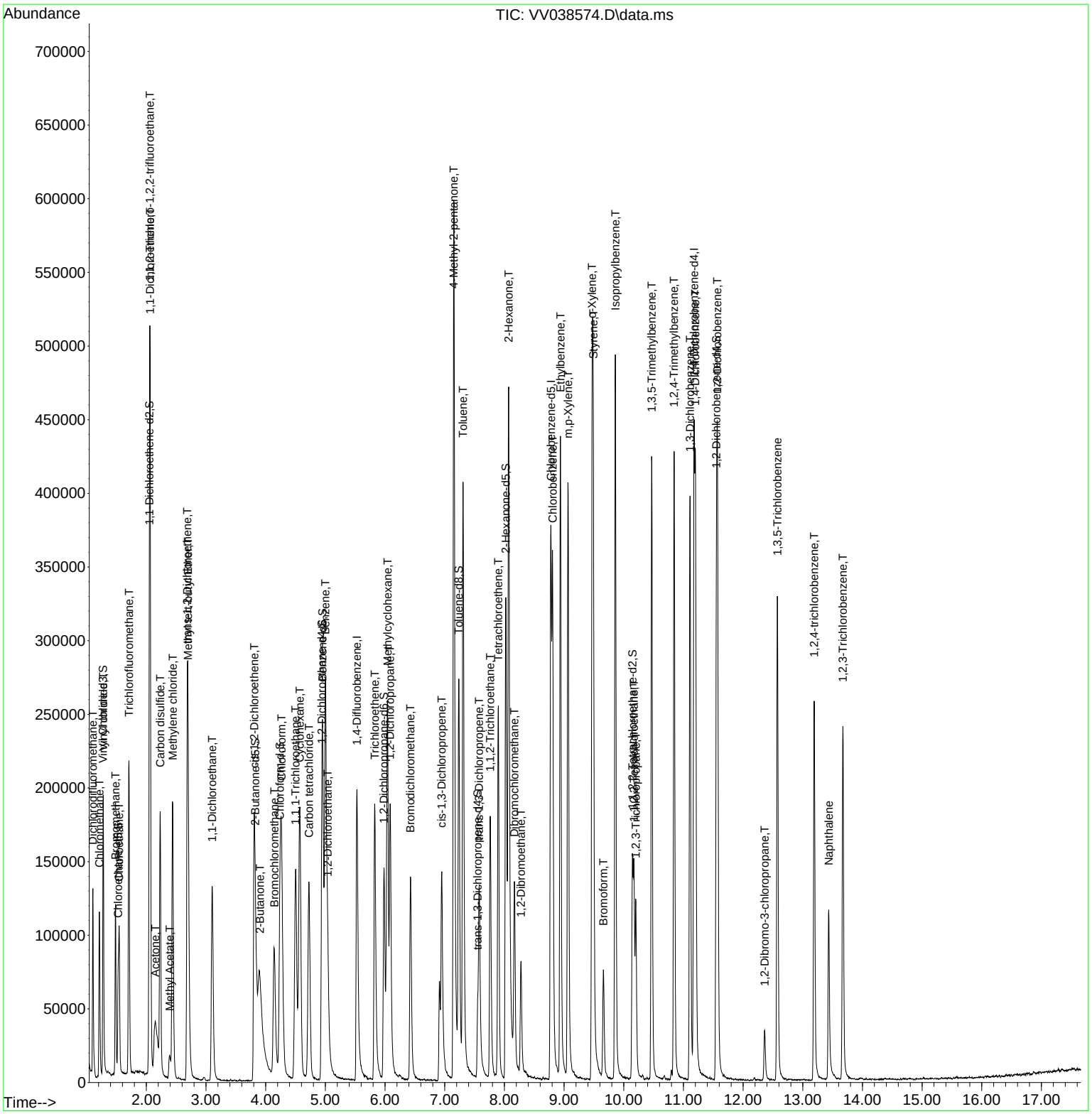
(#) = qualifier out of range (m) = manual integration (+) = signals summed

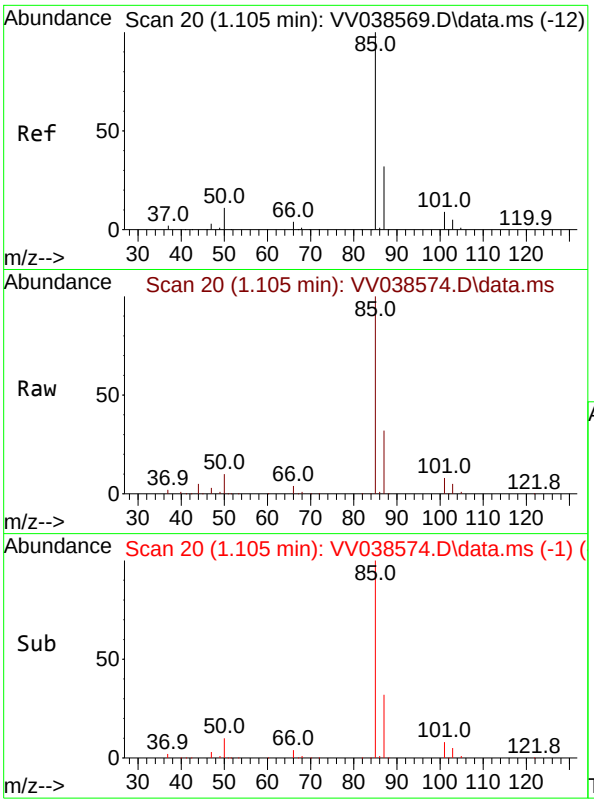
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
Data File : VV038574.D
Acq On : 29 Jan 2025 17:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 09:44:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 08:15:13 2025
Response via : Initial Calibration



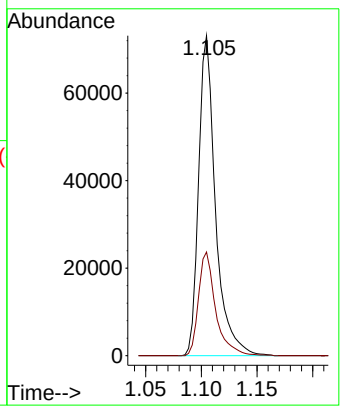


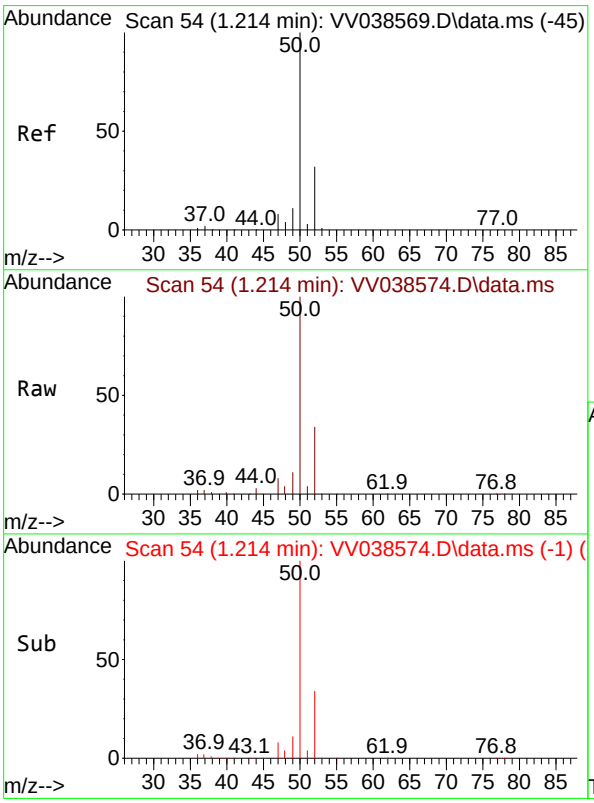

#2
Dichlorodifluoromethane
Concen: 3.725 ug/L
RT: 1.105 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 85 Resp: 76956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.0 | 26.0 | 39.0 |

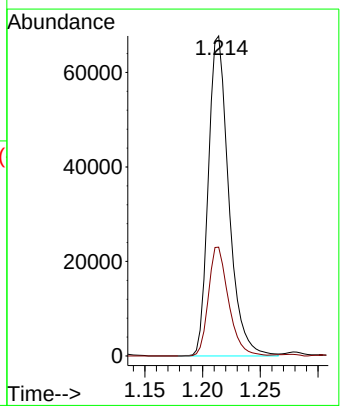


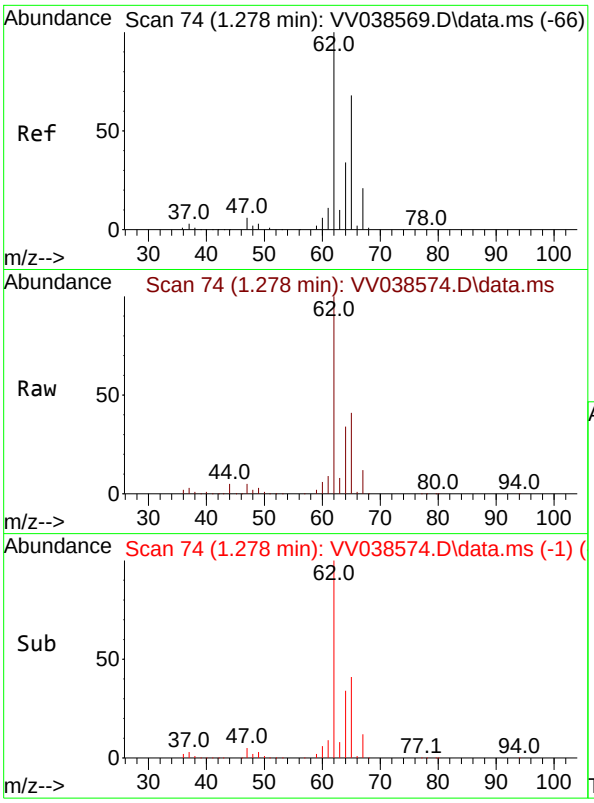




#3
Chloromethane
Concen: 3.946 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 50 Resp: 83401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.0 | 23.0 | 42.6 |



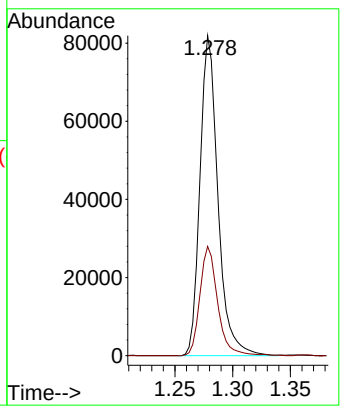


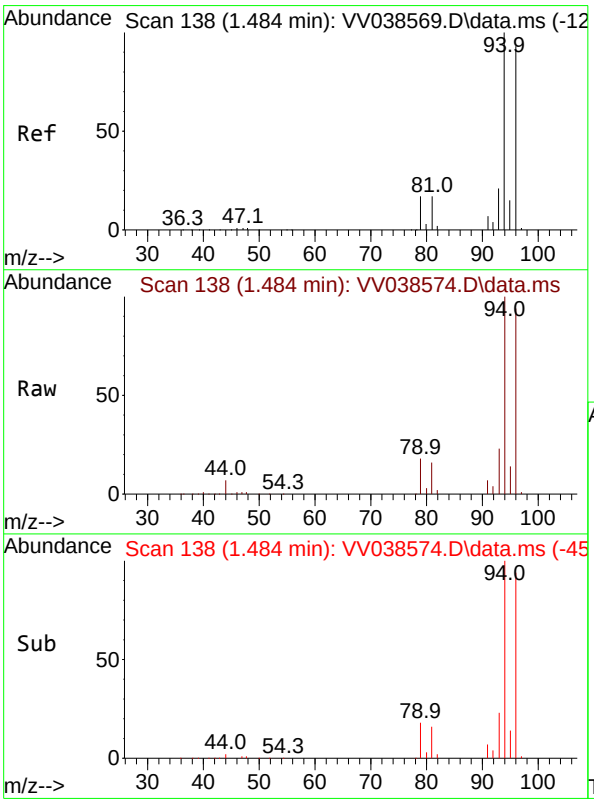

#5
Vinyl chloride
Concen: 4.143 ug/L
RT: 1.278 min Scan# 74
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 62 Resp: 88476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.2 | 23.5 | 43.7 |

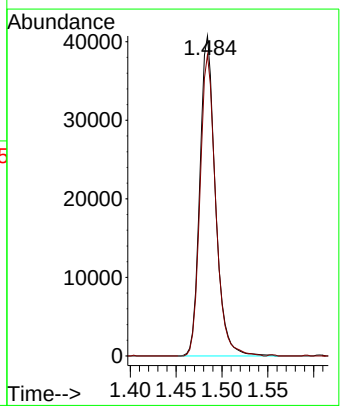


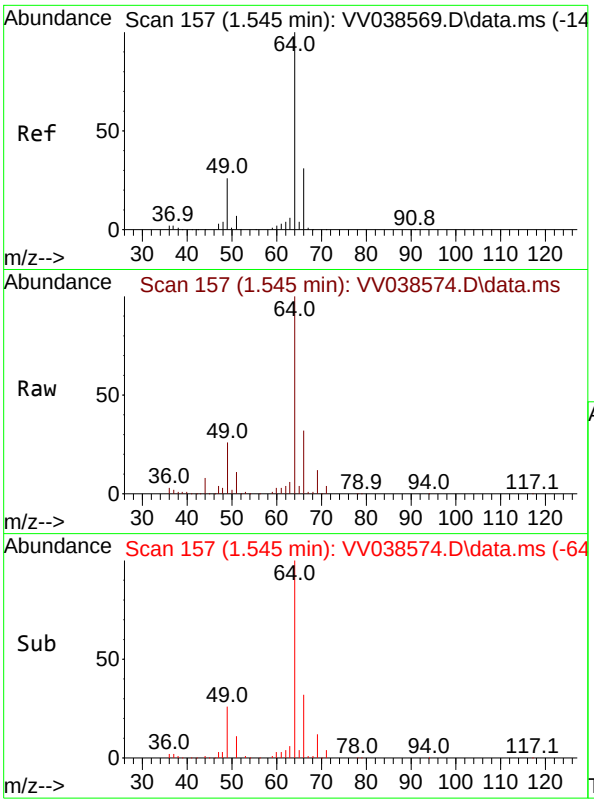




#6
Bromomethane
Concen: 4.500 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 94 Resp: 48076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.1 | 68.9 | 127.9 |



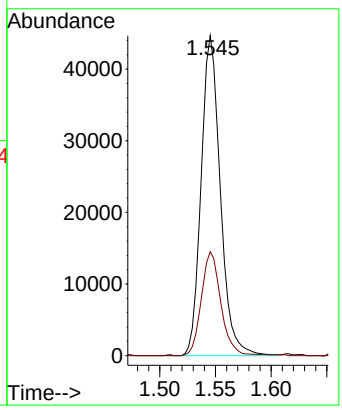


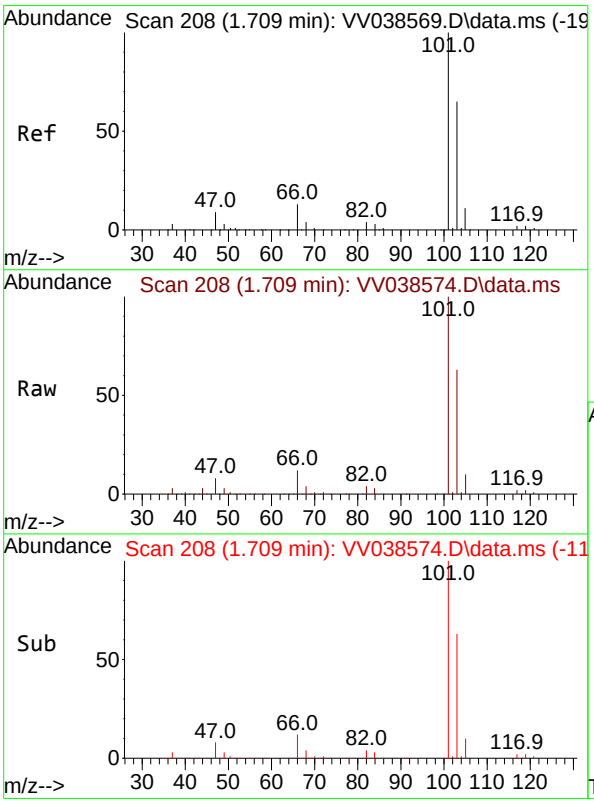

#8
Chloroethane
Concen: 4.190 ug/L
RT: 1.545 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 64 Resp: 53611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.5 | 22.7 | 42.1 |

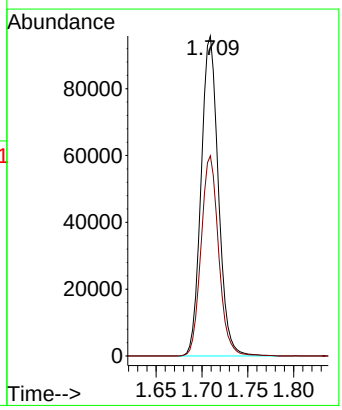


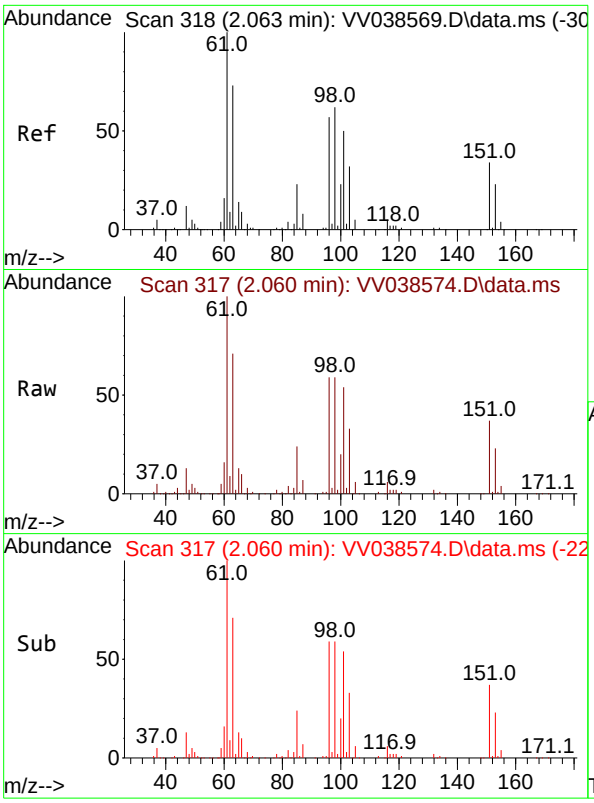




#9
Trichlorofluoromethane
Concen: 4.624 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:101 Resp: 125669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.5 | 51.5 | 77.3 |



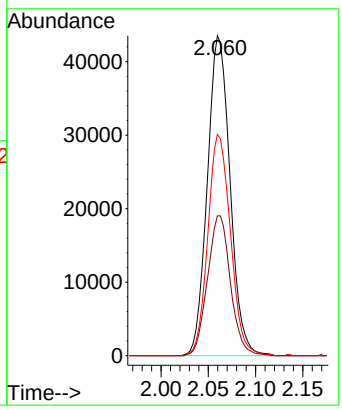


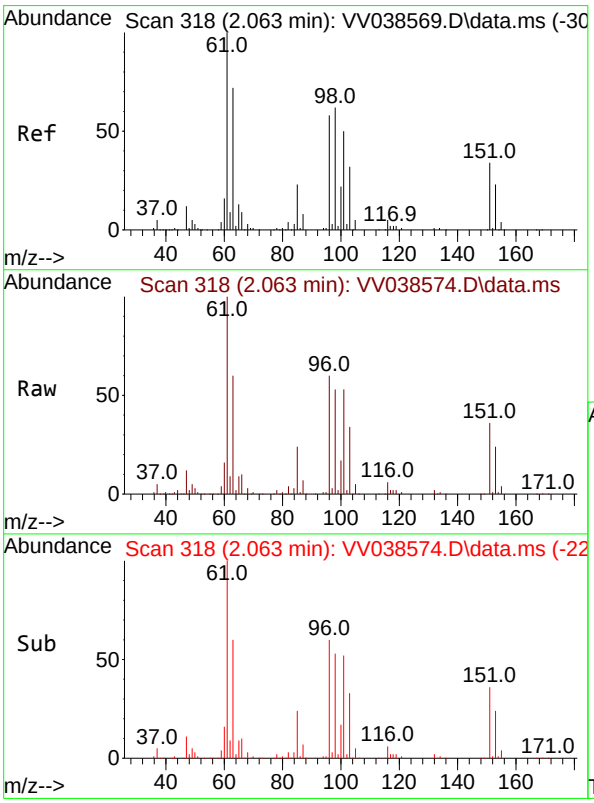

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.685 ug/L
RT: 2.060 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:101 Resp: 72792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.1 | 35.2 | 52.8 |
| 151 | 68.9 | 56.6 | 85.0 |

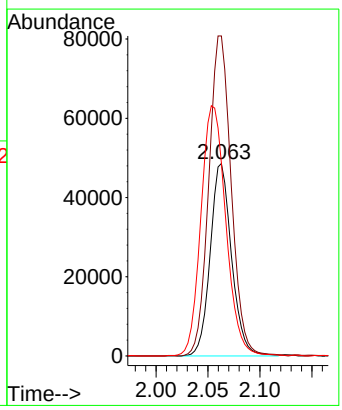


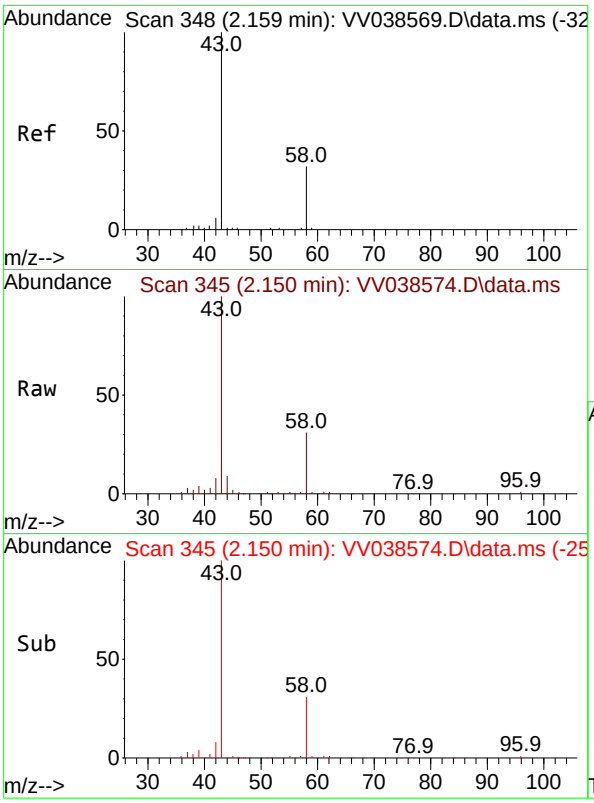




#12
1,1-Dichloroethene
Concen: 4.533 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 96 Resp: 69317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 166.3 | 122.2 | 227.0 |
| 63 | 100.2 | 86.2 | 160.0 |



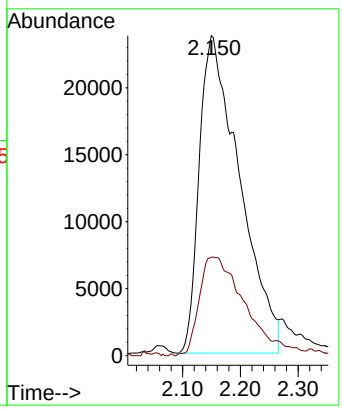


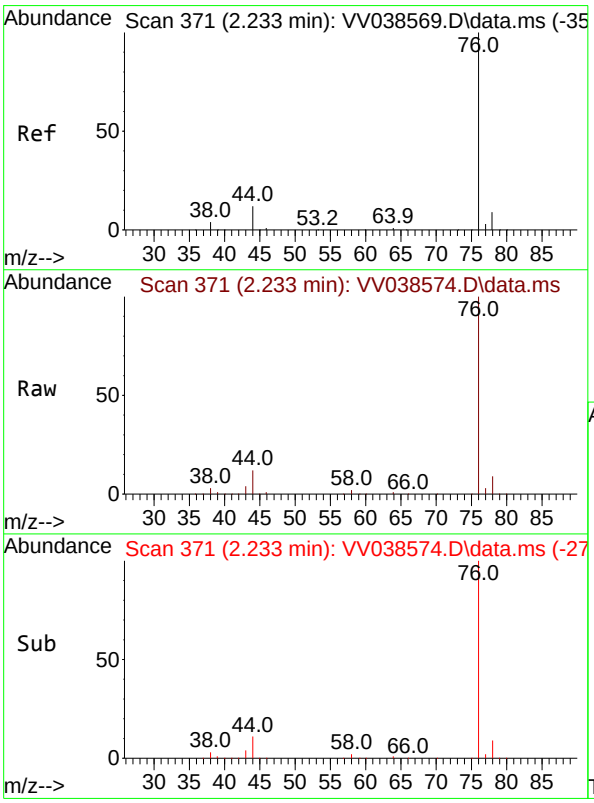

#13
Acetone
Concen: 46.287 ug/L
RT: 2.150 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 43 Resp: 115198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.3 | 0.0 | 67.2 |

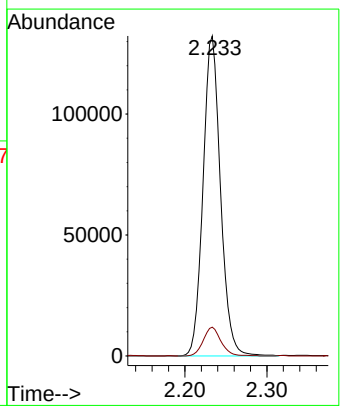


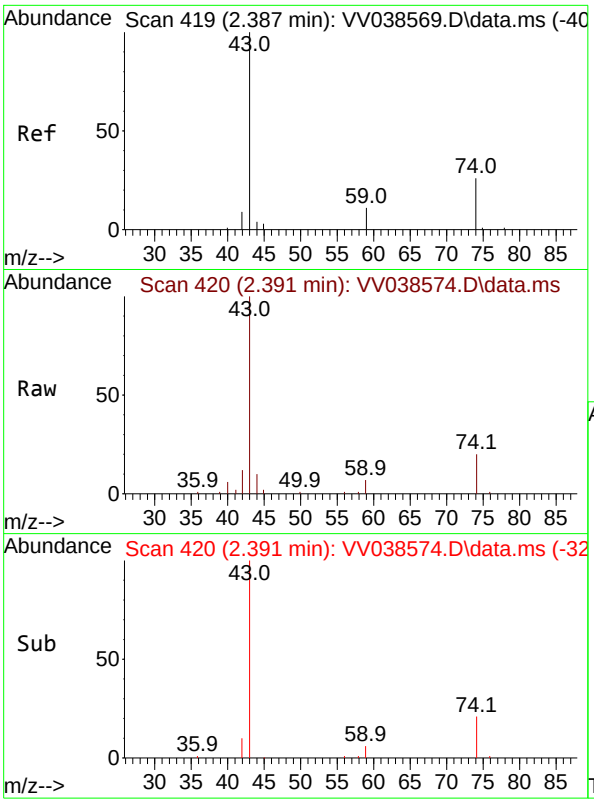




#14
Carbon disulfide
Concen: 3.807 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 76 Resp: 195603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.6 | 11.4 |



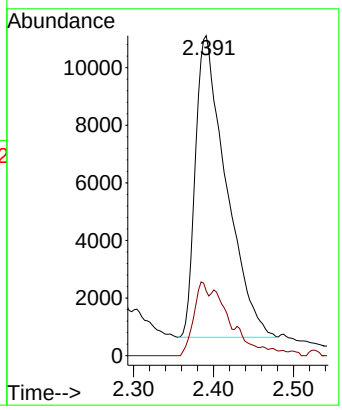


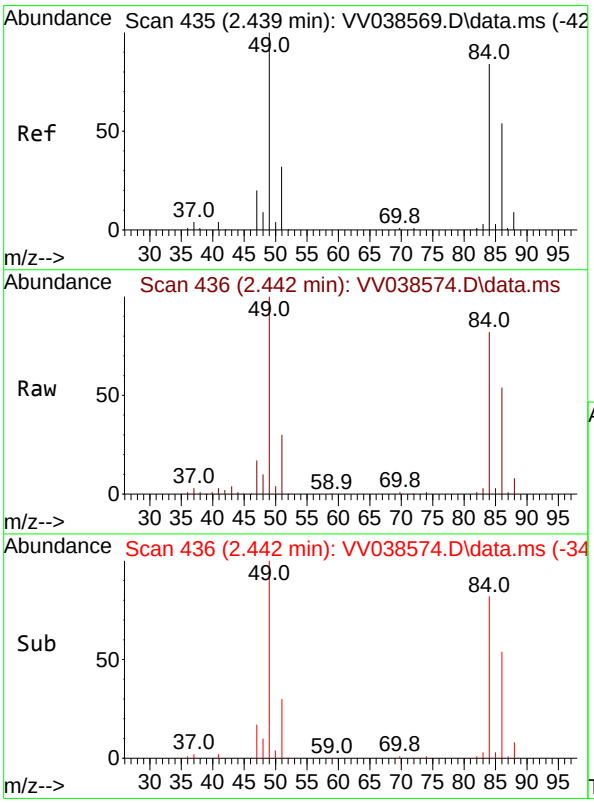

#15
Methyl Acetate
Concen: 4.395 ug/L
RT: 2.391 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 43 Resp: 27944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 11.5 | 20.4 | 30.6# |

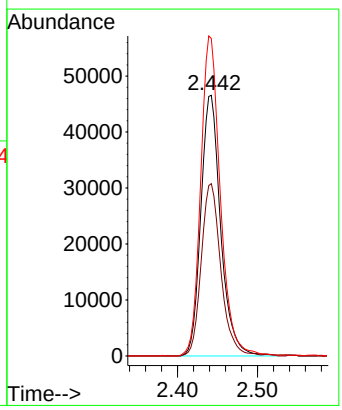


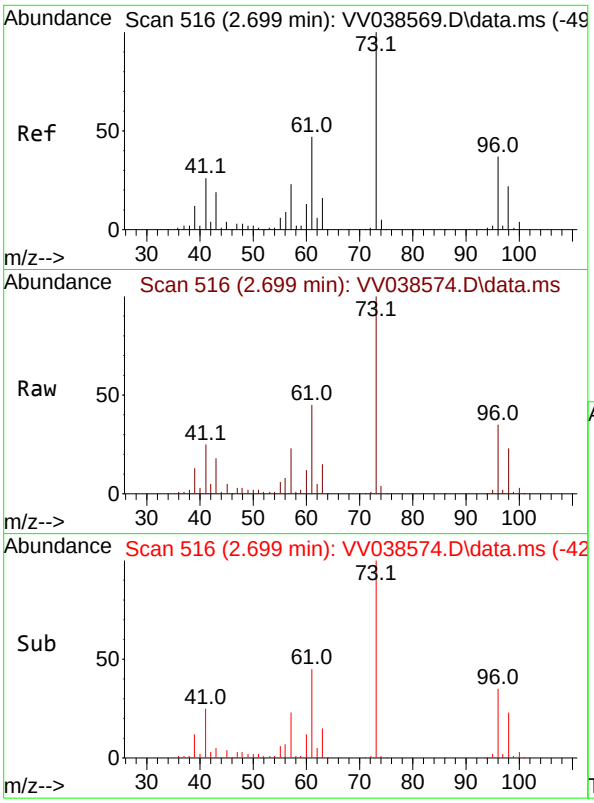




#16
Methylene chloride
Concen: 4.740 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 84 Resp: 80343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.1 | 44.7 | 82.9 |
| 49 | 121.8 | 84.1 | 156.1 |



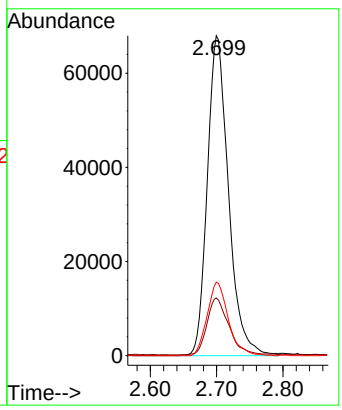


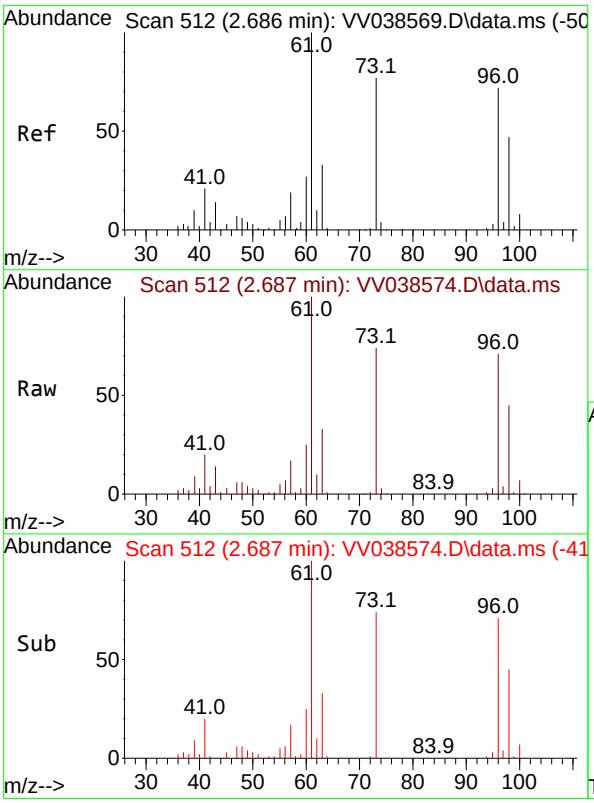

#17
Methyl tert-butyl Ether
Concen: 4.680 ug/L
RT: 2.699 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 73 Resp: 150600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 18.3 | 14.6 | 21.8 |
| 57 | 23.0 | 17.9 | 26.9 |

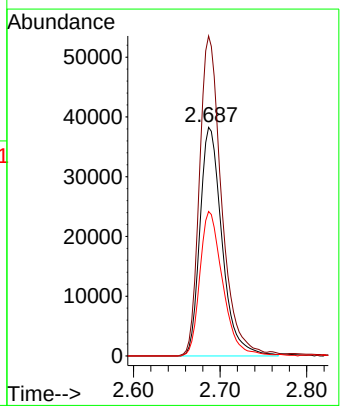


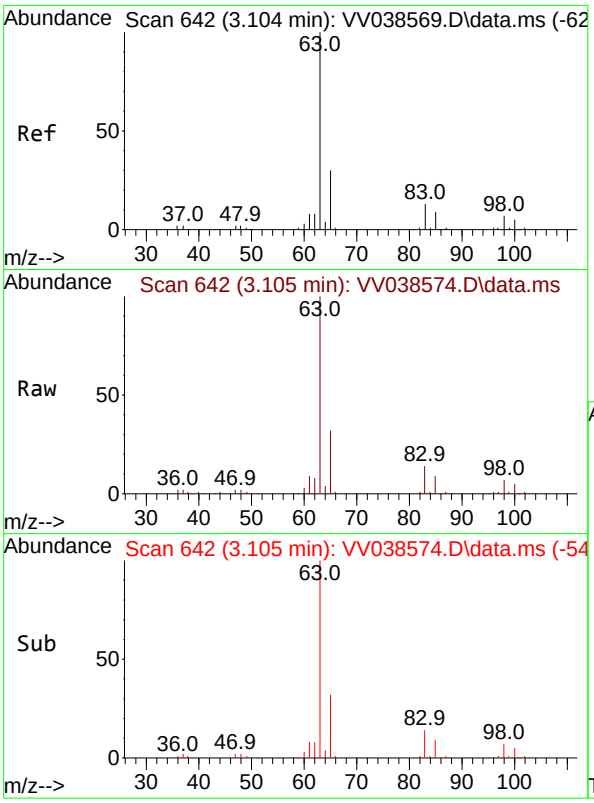




#18
trans-1,2-Dichloroethene
Concen: 4.323 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 96 Resp: 67971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.9 | 94.8 | 176.2 |
| 98 | 63.2 | 44.2 | 82.2 |



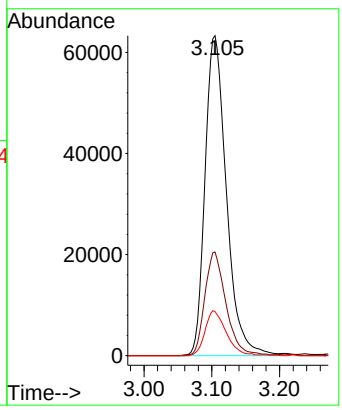


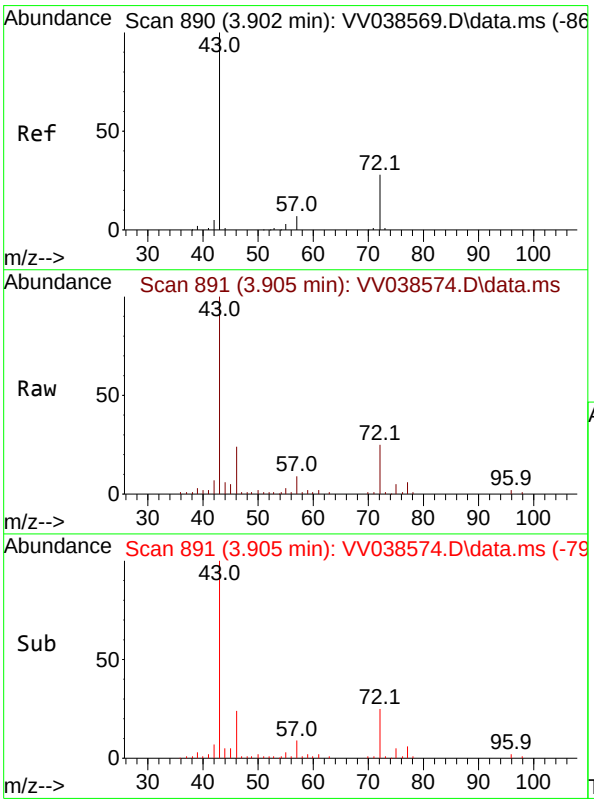

#19
1,1-Dichloroethane
Concen: 4.630 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 63 Resp: 138528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.4 | 22.5 | 41.9 |
| 83 | 13.8 | 9.4 | 17.6 |

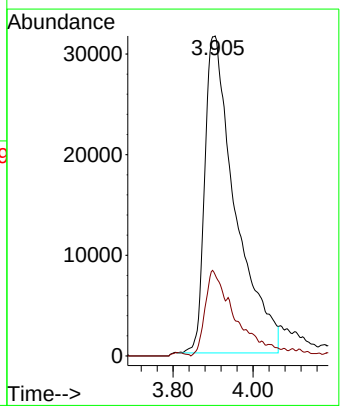


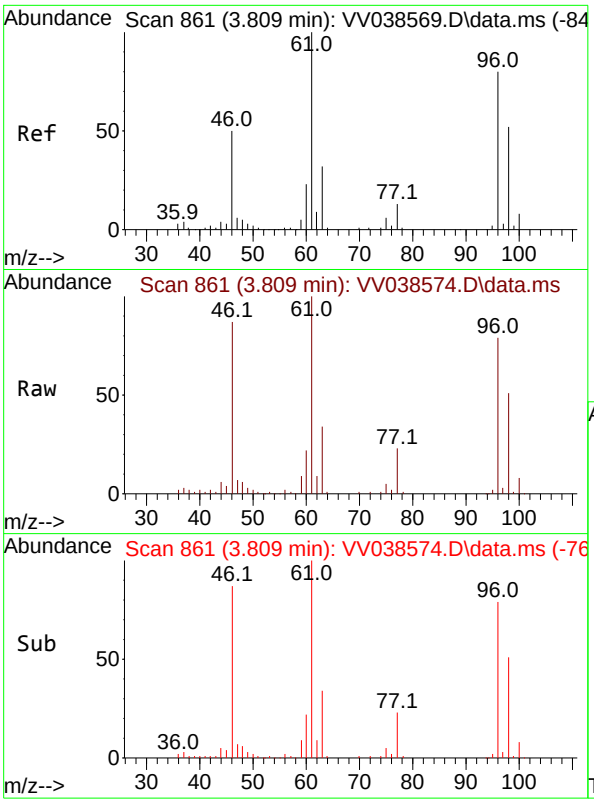




#21
2-Butanone
Concen: 47.477 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 43 Resp: 167614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 15.2 | 12.2 | 36.4 |



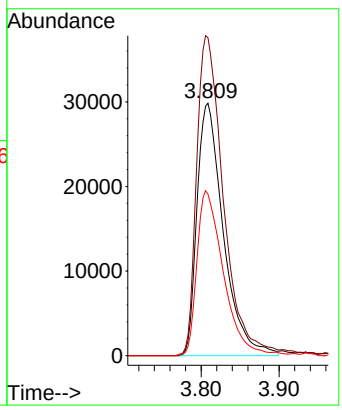


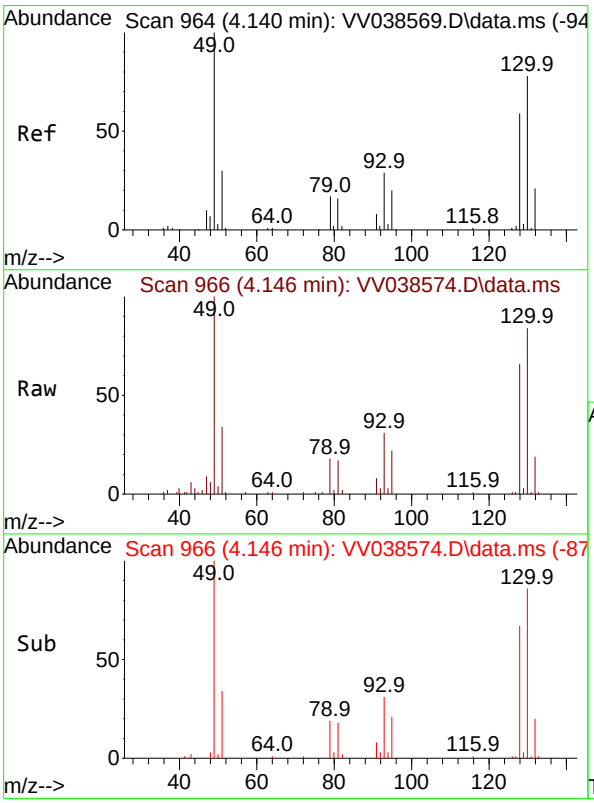

#22
cis-1,2-Dichloroethene
Concen: 4.383 ug/L
RT: 3.809 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 96 Resp: 70063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.0 | 86.5 | 160.7 |
| 98 | 64.0 | 43.8 | 81.3 |

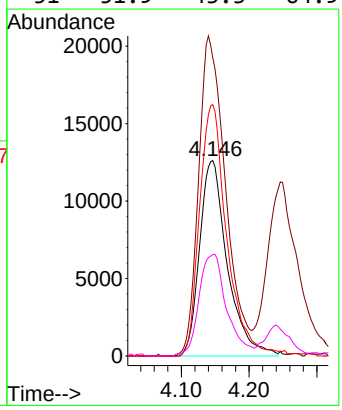


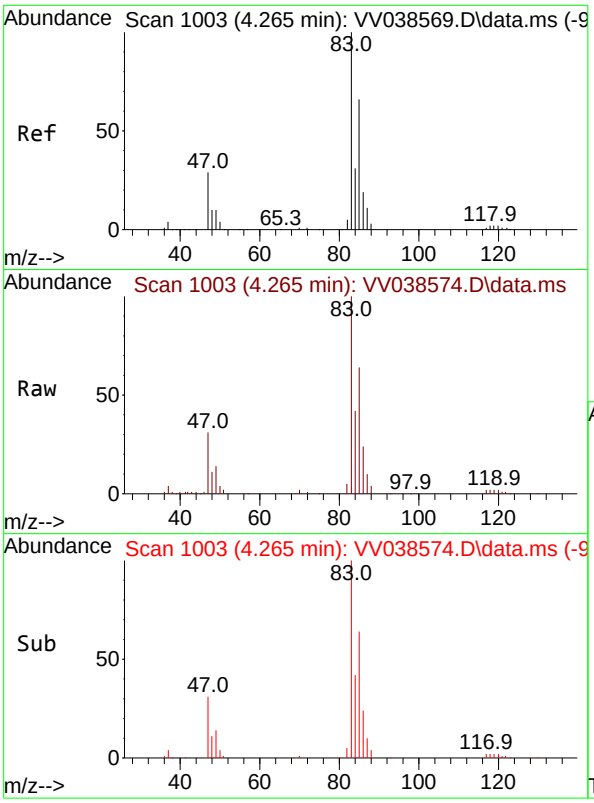




#23
Bromochloromethane
Concen: 4.920 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.007 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:128 Resp: 35782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 152.6 | 121.0 | 224.8 |
| 130 | 128.7 | 90.1 | 167.3 |
| 51 | 51.9 | 43.3 | 64.9 |



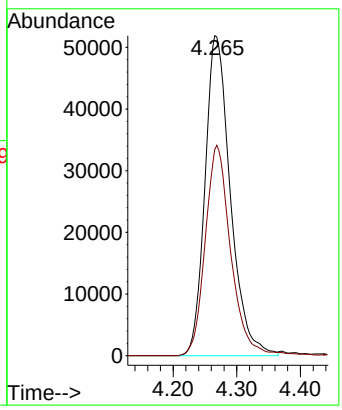


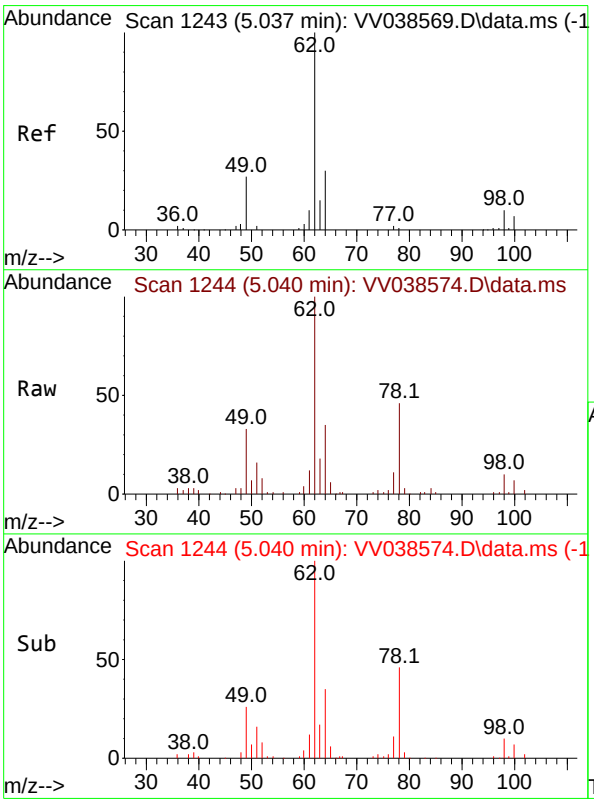

#25
Chloroform
Concen: 4.864 ug/L
RT: 4.265 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 83 Resp: 143882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 44.0 | 81.8 |

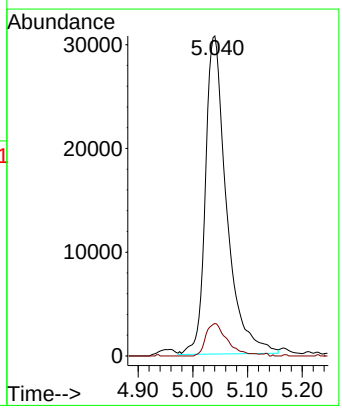


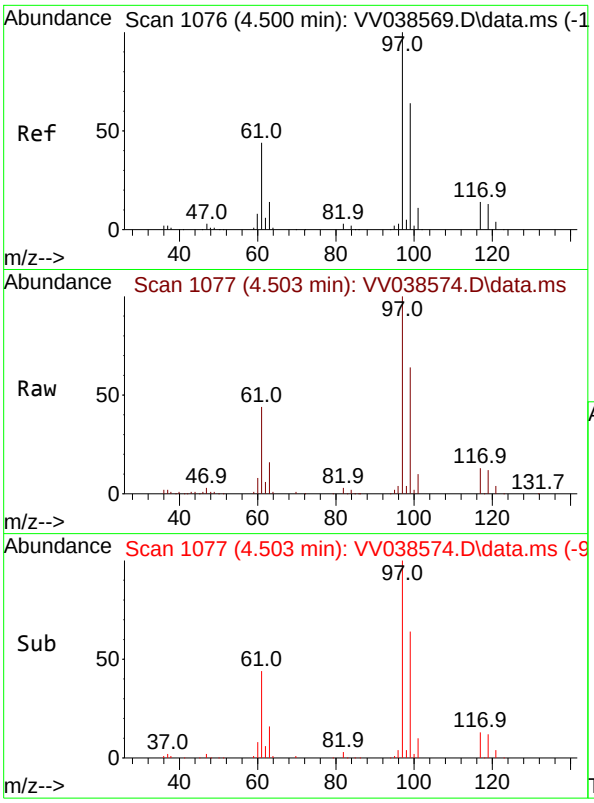




#27
1,2-Dichloroethane
Concen: 5.015 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 62 Resp: 82507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.1 | 7.8 | 11.6 |



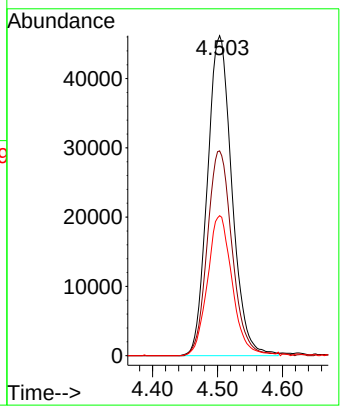


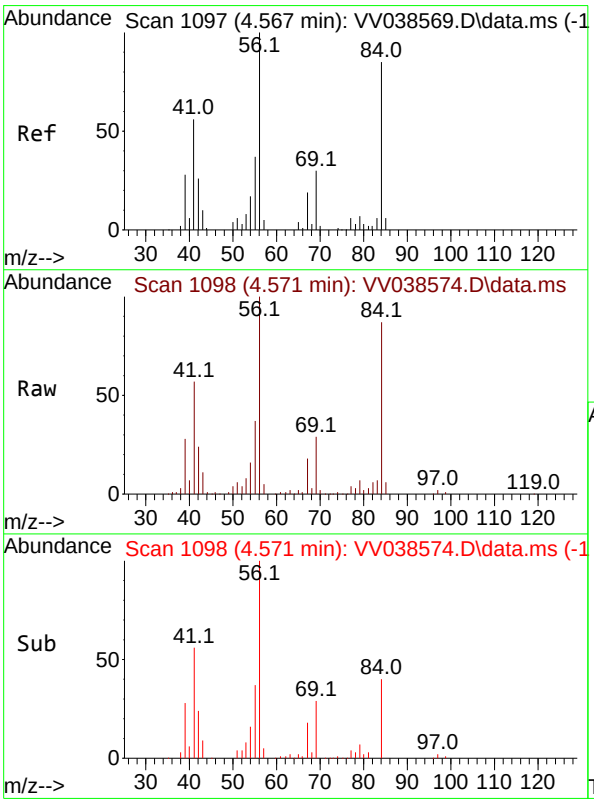

#29
1,1,1-Trichloroethane
Concen: 4.556 ug/L
RT: 4.503 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 97 Resp: 121096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 52.9 | 79.3 |
| 61 | 44.3 | 36.4 | 54.6 |

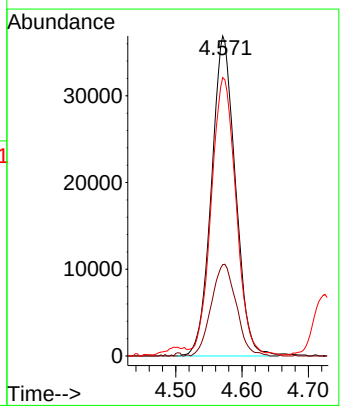


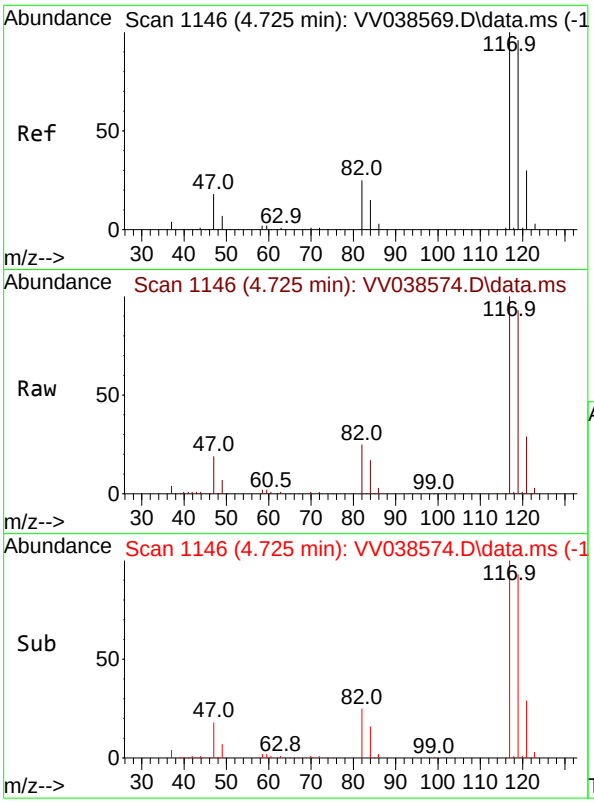




#30
Cyclohexane
Concen: 3.824 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 56 Resp: 92569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.9 | 24.7 | 37.1 |
| 84 | 89.3 | 68.2 | 102.2 |



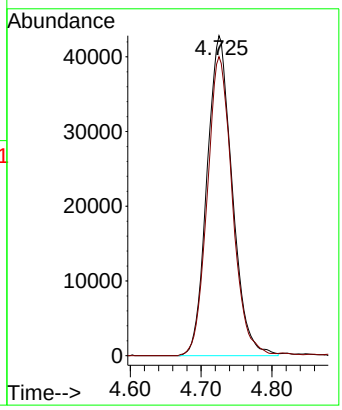


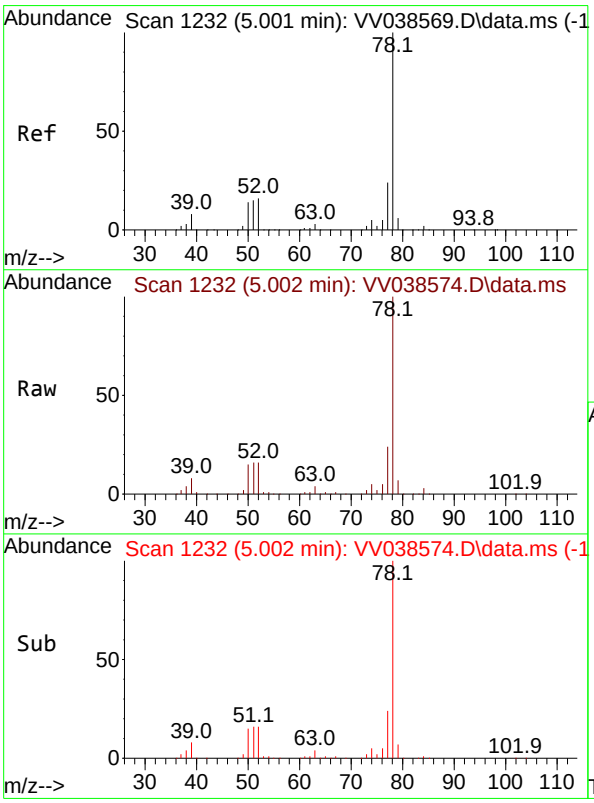

#31
Carbon tetrachloride
Concen: 4.511 ug/L
RT: 4.725 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:117 Resp: 105973

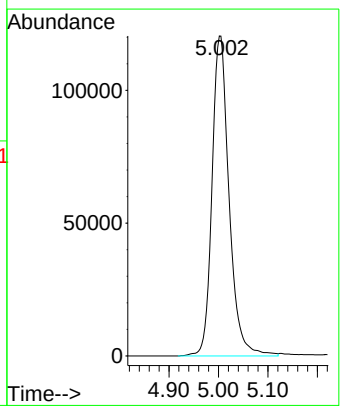
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 76.6 | 115.0 |

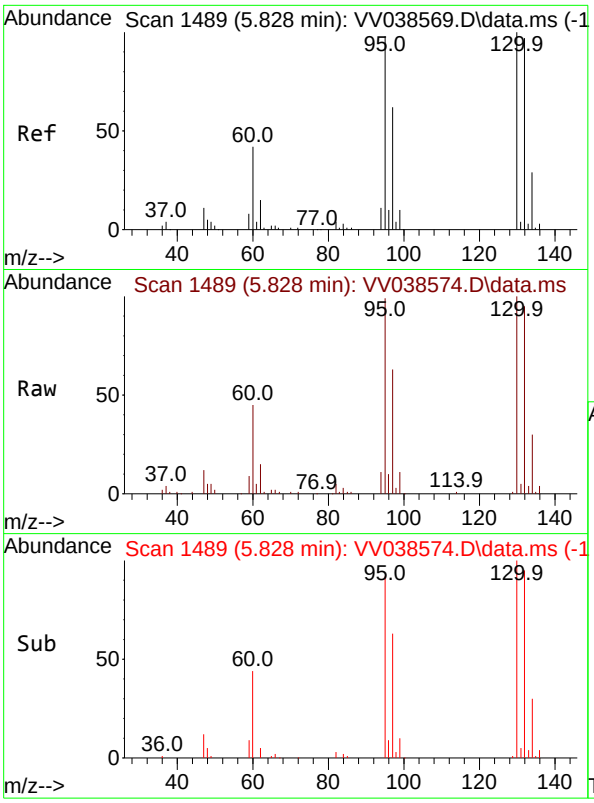



#33
Benzene
Concen: 4.541 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 78 Resp: 288282



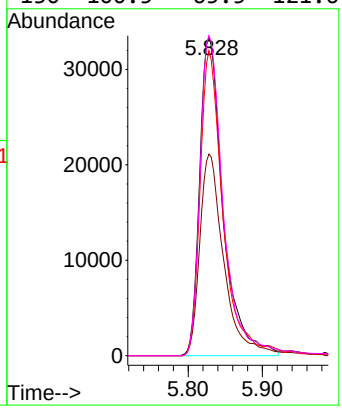


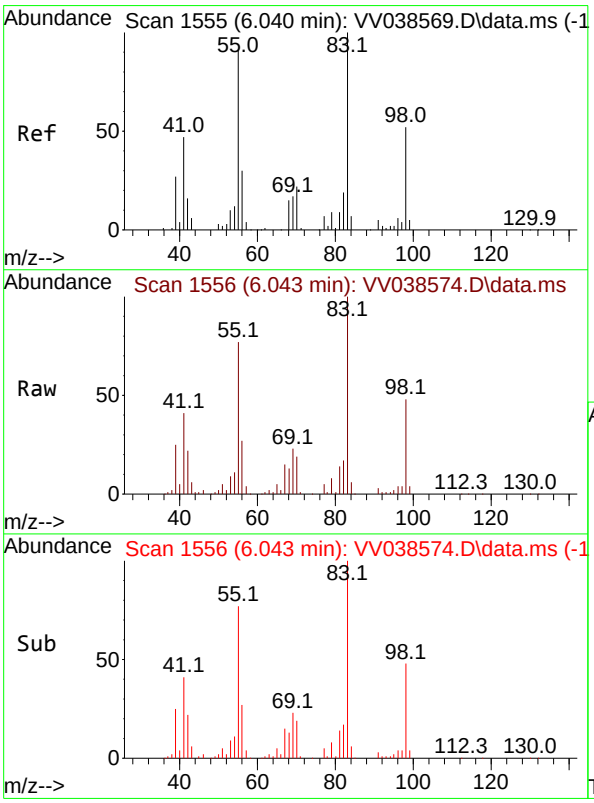

#34
Trichloroethene
Concen: 4.424 ug/L
RT: 5.828 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 95 Resp: 72994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 63.4 | 43.4 | 80.6 |
| 132 | 95.8 | 65.5 | 121.6 |
| 130 | 100.5 | 65.5 | 121.6 |

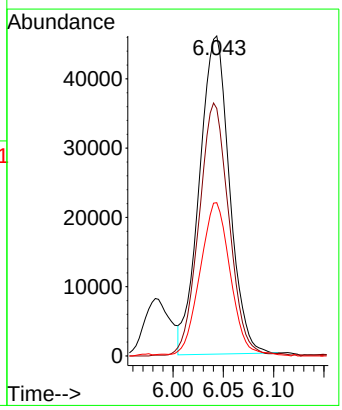


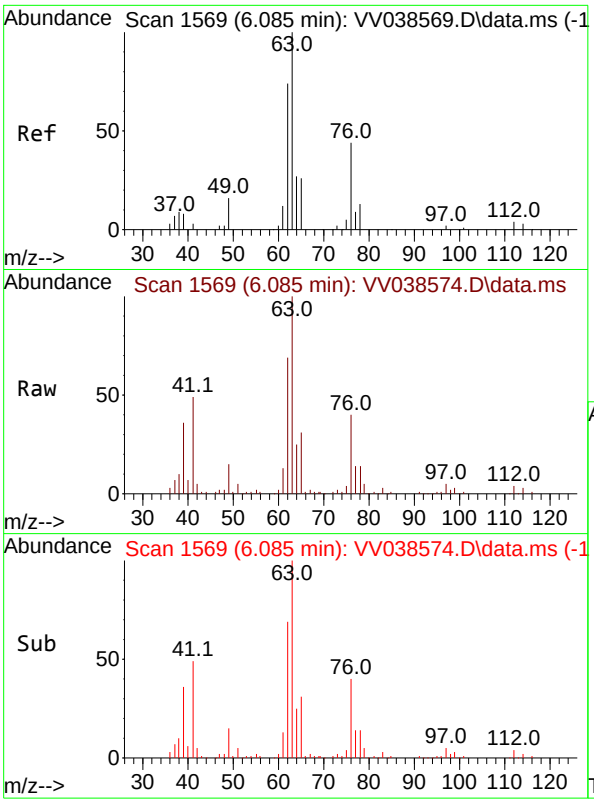




#35
Methylcyclohexane
Concen: 3.794 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 83 Resp: 95413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.3 | 59.4 | 89.0 |
| 98 | 48.9 | 37.8 | 56.8 |



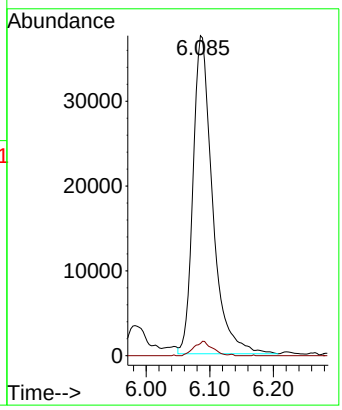


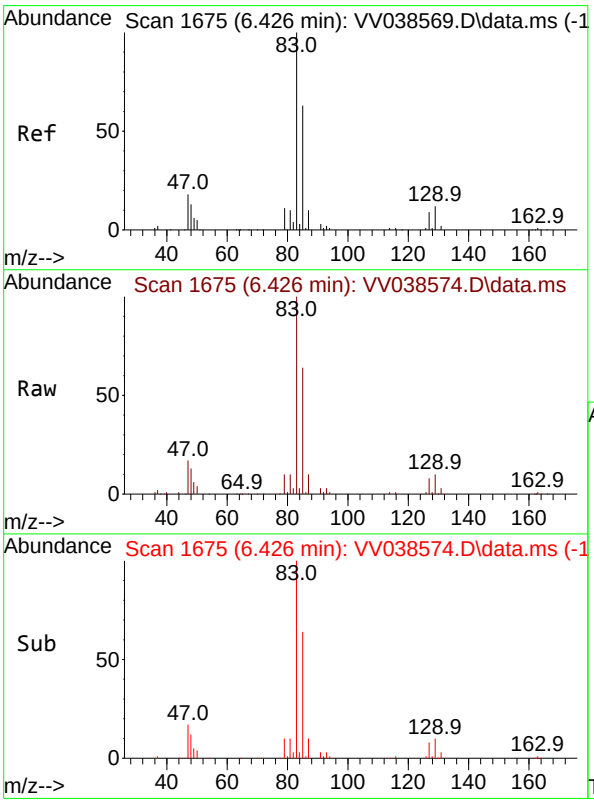

#37
1,2-Dichloropropane
Concen: 4.867 ug/L
RT: 6.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 63 Resp: 79794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.2 | 4.1 | 6.1 |

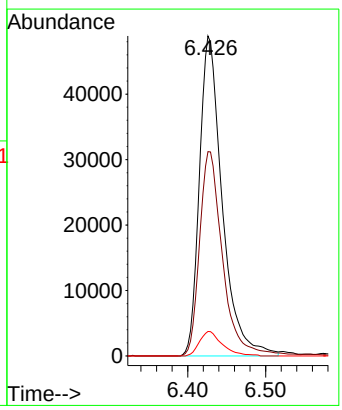


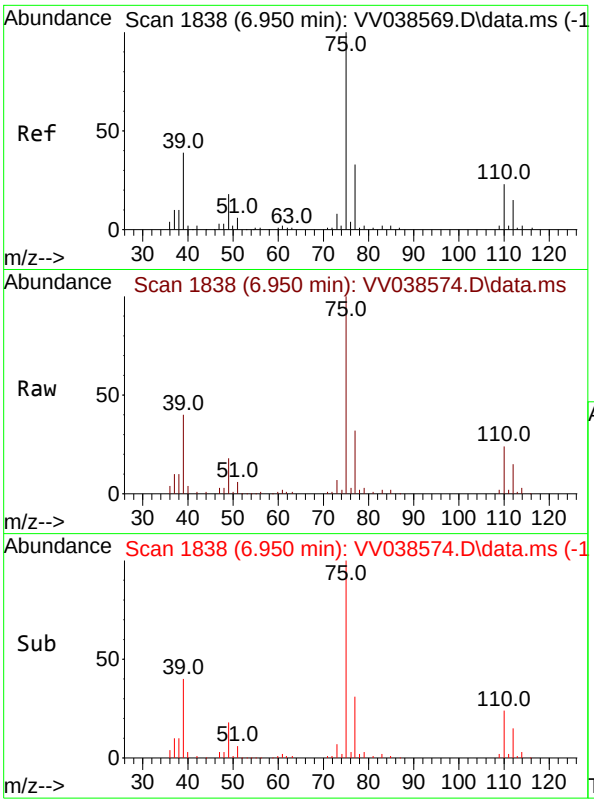




#38
Bromodichloromethane
Concen: 4.680 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 83 Resp: 99512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.8 | 44.7 | 83.1 |
| 127 | 7.6 | 6.8 | 10.2 |



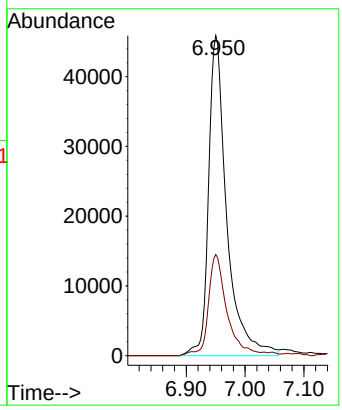


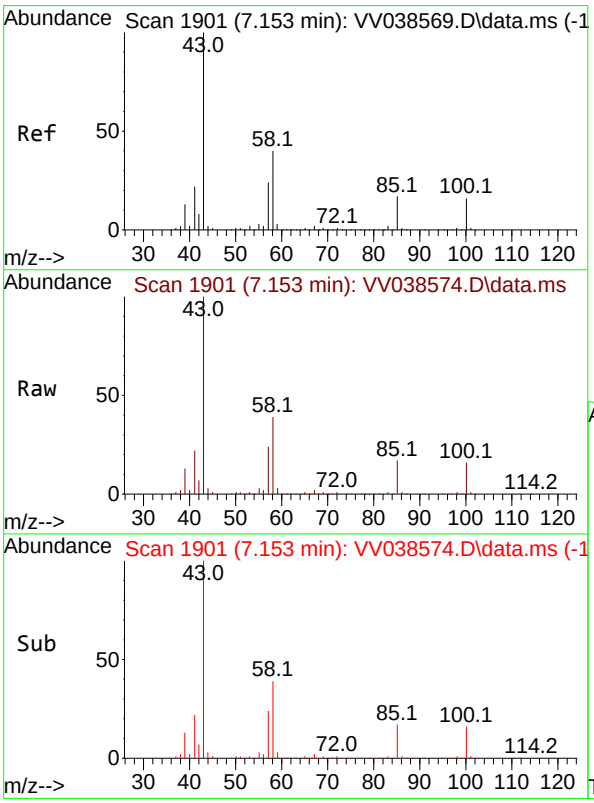

#39
cis-1,3-Dichloropropene
Concen: 4.350 ug/L
RT: 6.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 75 Resp: 98320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 21.7 | 40.3 |

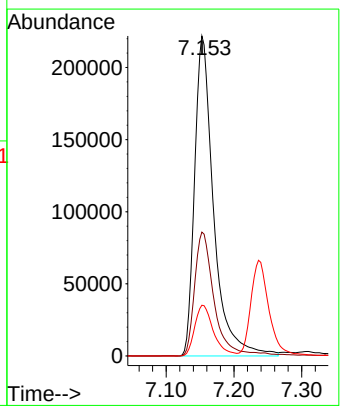


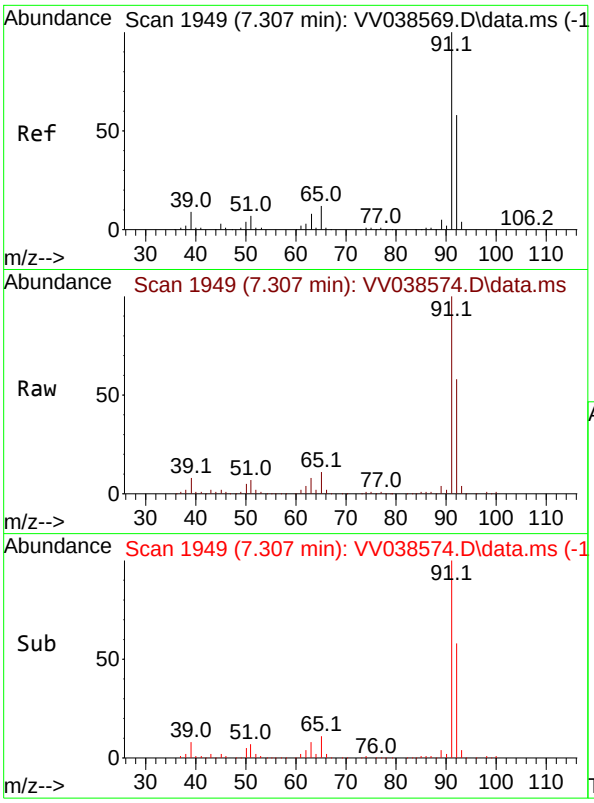




#40
4-Methyl-2-pentanone
Concen: 51.042 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 43 Resp: 432994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.1 | 31.7 | 47.5 |
| 100 | 15.6 | 12.4 | 18.6 |



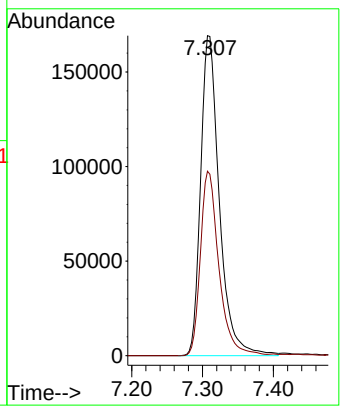


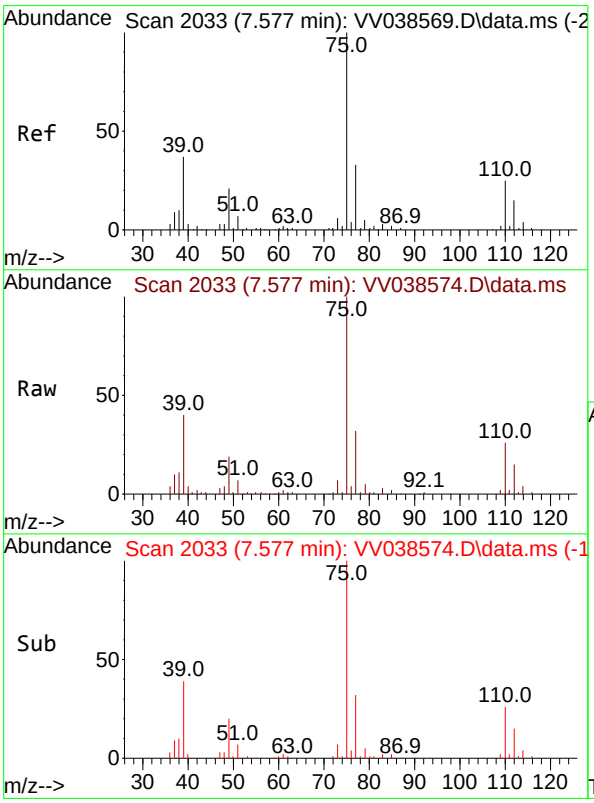

#42
Toluene
Concen: 4.689 ug/L
RT: 7.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 91 Resp: 310289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.7 | 40.6 | 75.4 |

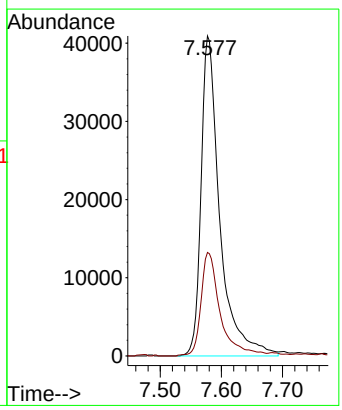


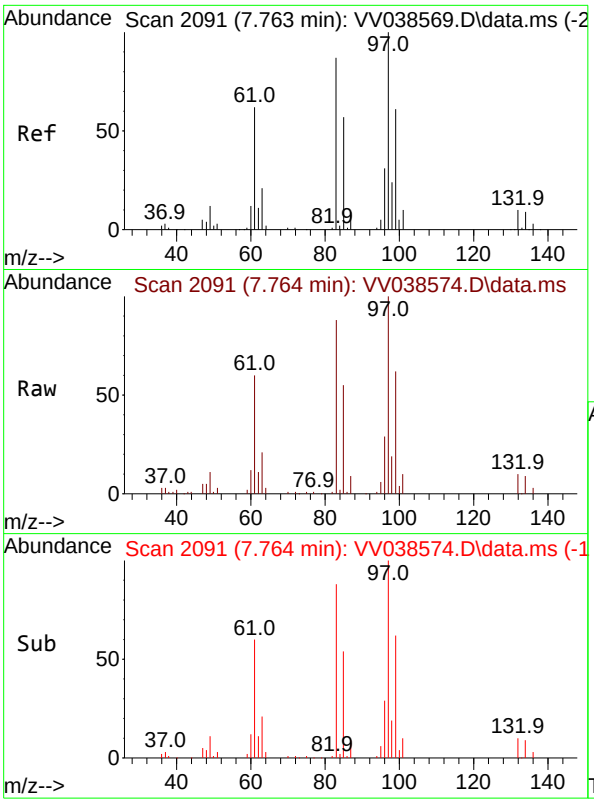




#44
trans-1,3-Dichloropropene
Concen: 4.539 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 75 Resp: 86935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 22.8 | 42.4 |



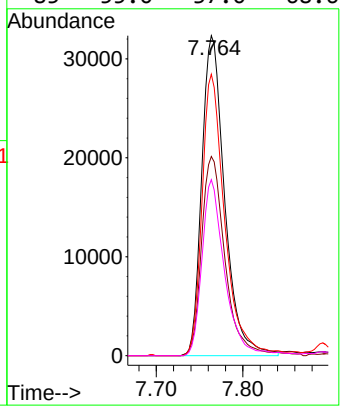


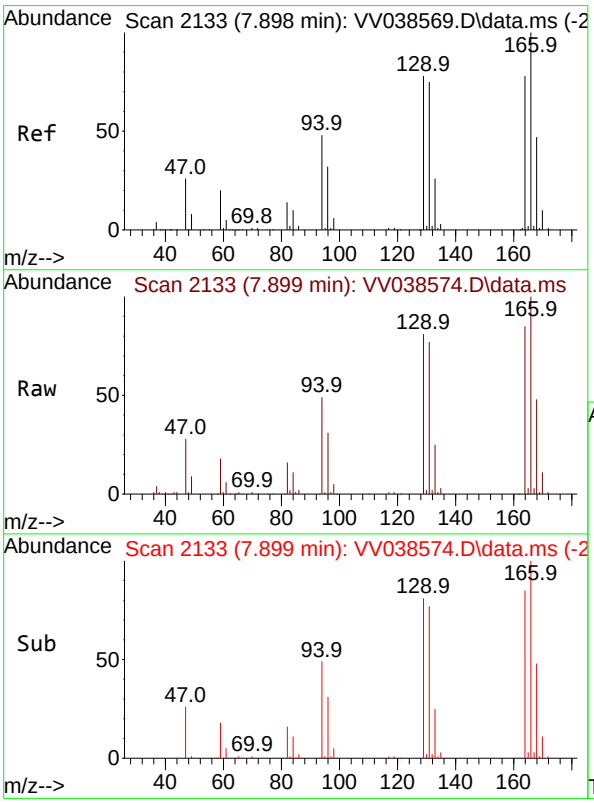

#45
1,1,2-Trichloroethane
Concen: 5.039 ug/L
RT: 7.764 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 97 Resp: 59419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.3 | 42.3 | 78.5 |
| 83 | 87.9 | 59.4 | 110.4 |
| 85 | 55.0 | 37.0 | 68.6 |

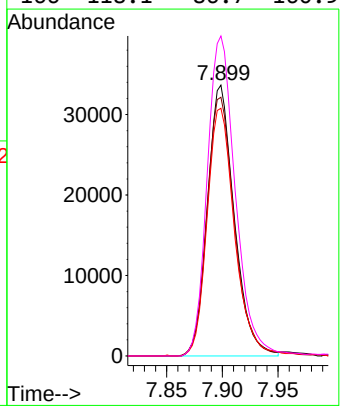


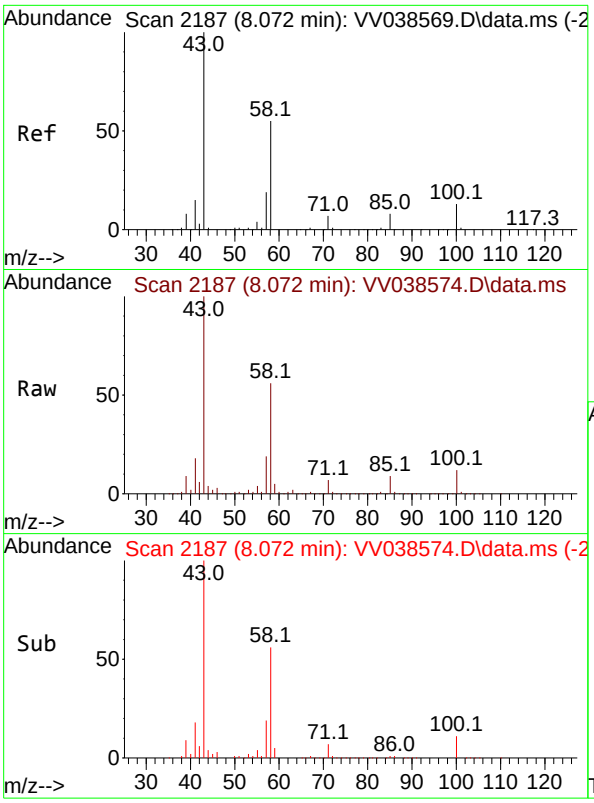




#47
Tetrachloroethene
Concen: 4.417 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:164 Resp: 56407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 95.5 | 68.9 | 127.9 |
| 131 | 91.4 | 65.2 | 121.2 |
| 166 | 118.1 | 86.7 | 160.9 |



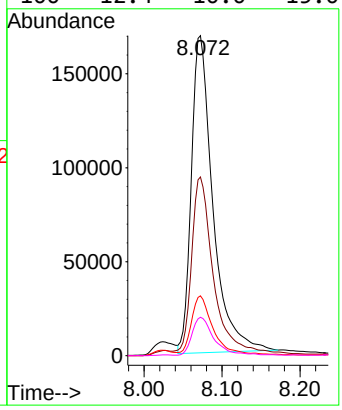


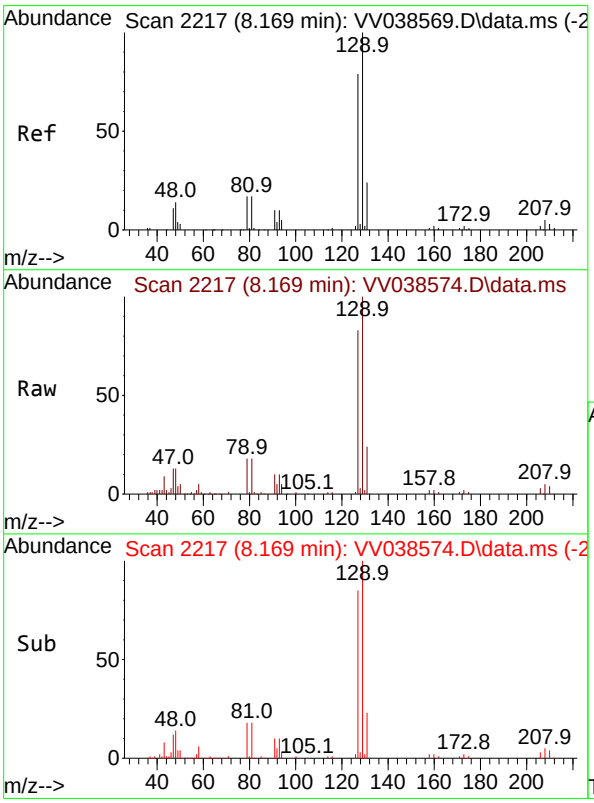

#48
2-Hexanone
Concen: 52.870 ug/L
RT: 8.072 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 43 Resp: 324739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.6 | 43.6 | 65.4 |
| 57 | 18.4 | 15.0 | 22.4 |
| 100 | 12.4 | 10.0 | 15.0 |

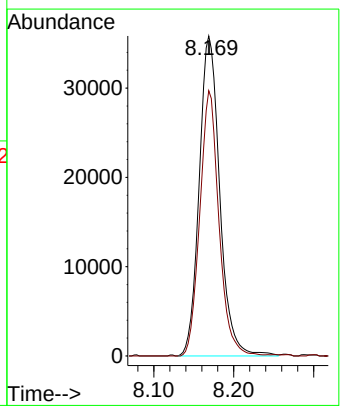


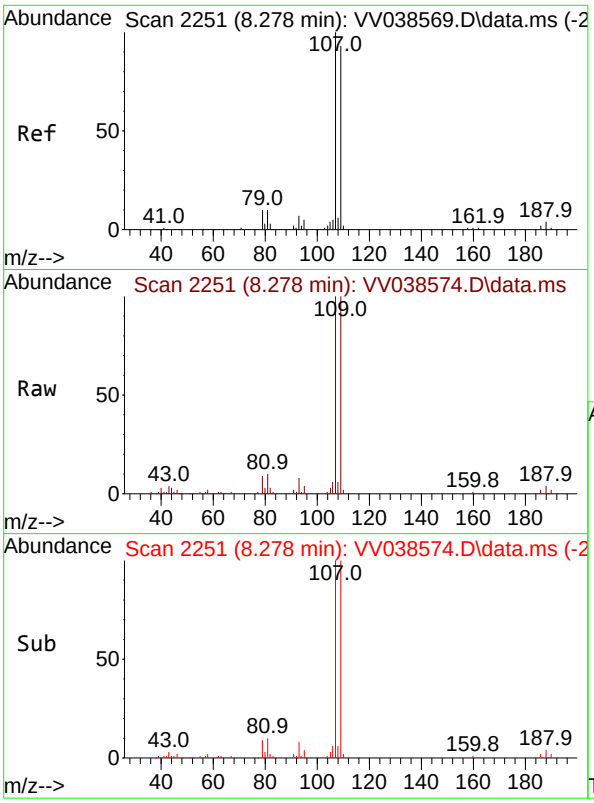




#49
Dibromochloromethane
Concen: 4.723 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:129 Resp: 64125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 82.9 | 52.8 | 98.2 |



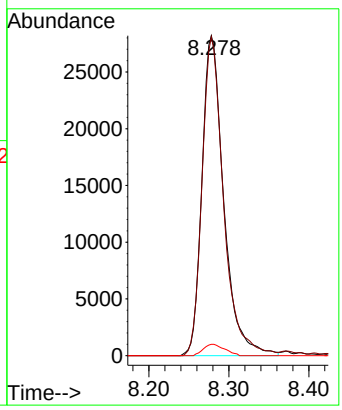


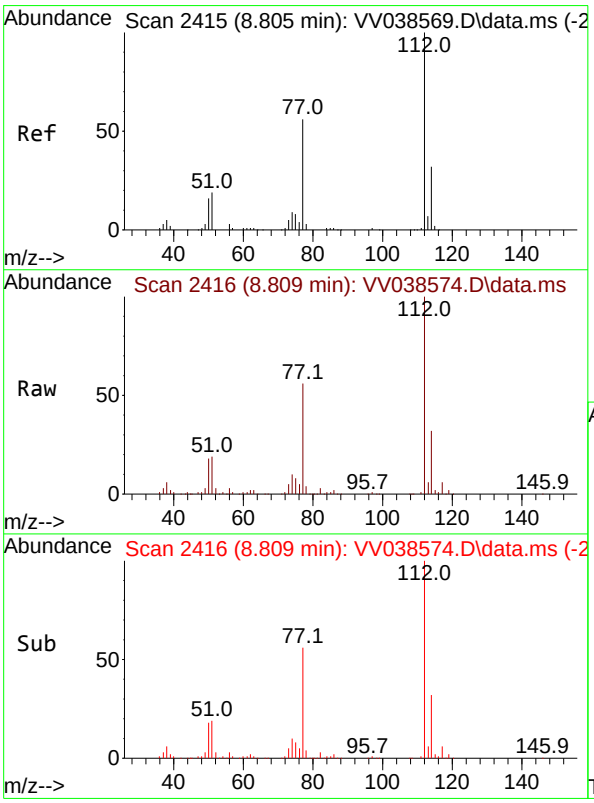

#50
1,2-Dibromoethane
Concen: 4.874 ug/L
RT: 8.278 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:107 Resp: 53484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 99.6 | 65.9 | 122.3 |
| 188 | 3.6 | 2.8 | 4.2 |

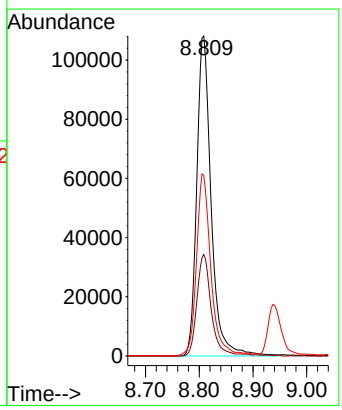


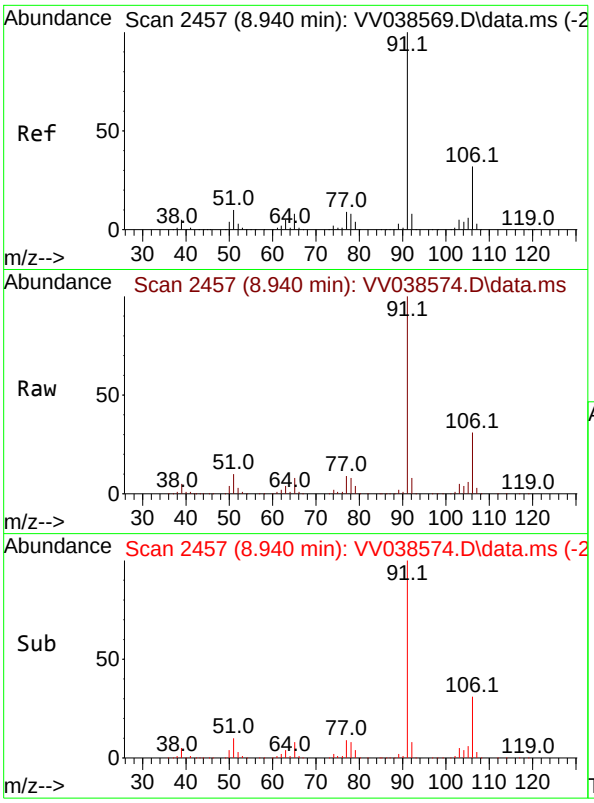




#51
Chlorobenzene
Concen: 4.523 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:112 Resp: 201374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 22.9 | 42.5 |
| 77 | 56.4 | 46.1 | 69.1 |



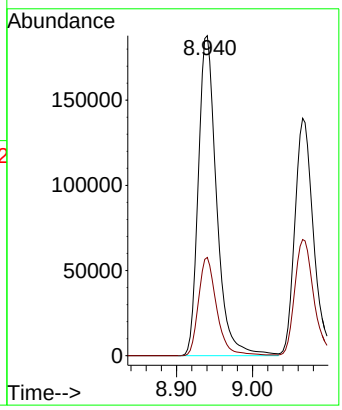


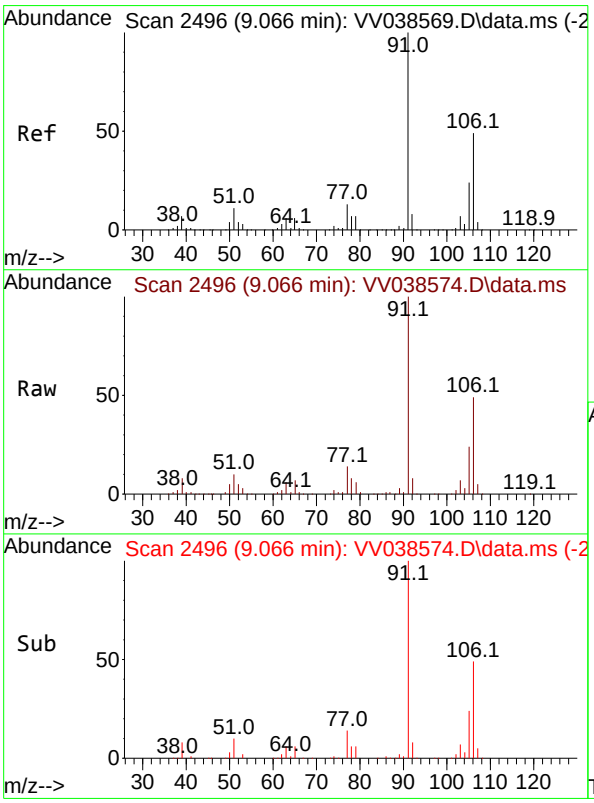

#52
Ethylbenzene
Concen: 4.404 ug/L
RT: 8.940 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 91 Resp: 313485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.7 | 22.0 | 40.8 |

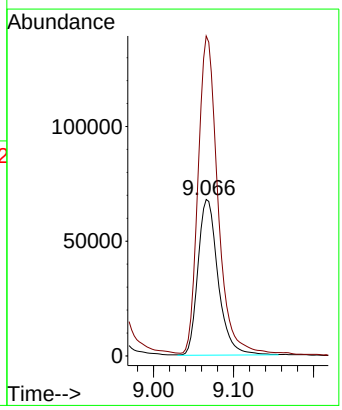


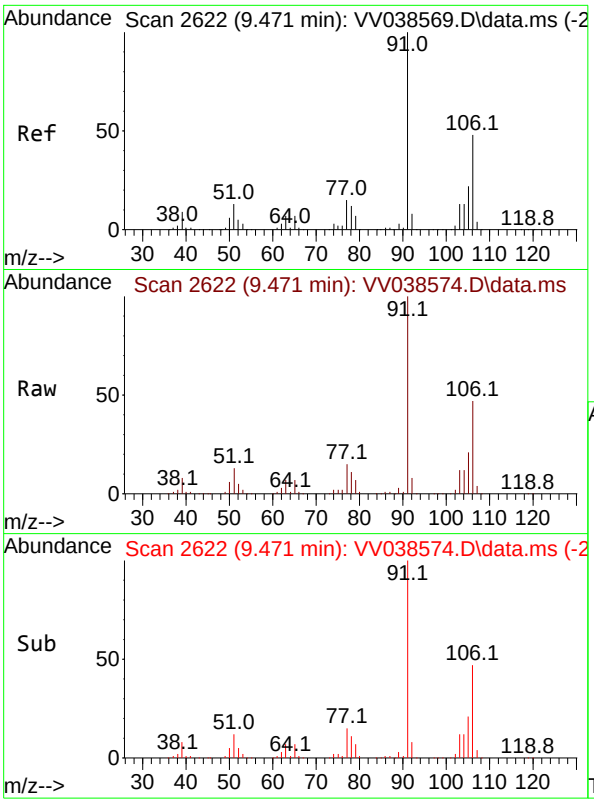




#53
m,p-Xylene
Concen: 4.418 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:106 Resp: 119189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.5 | 148.2 | 275.2 |



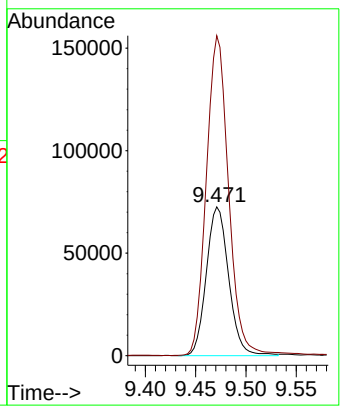


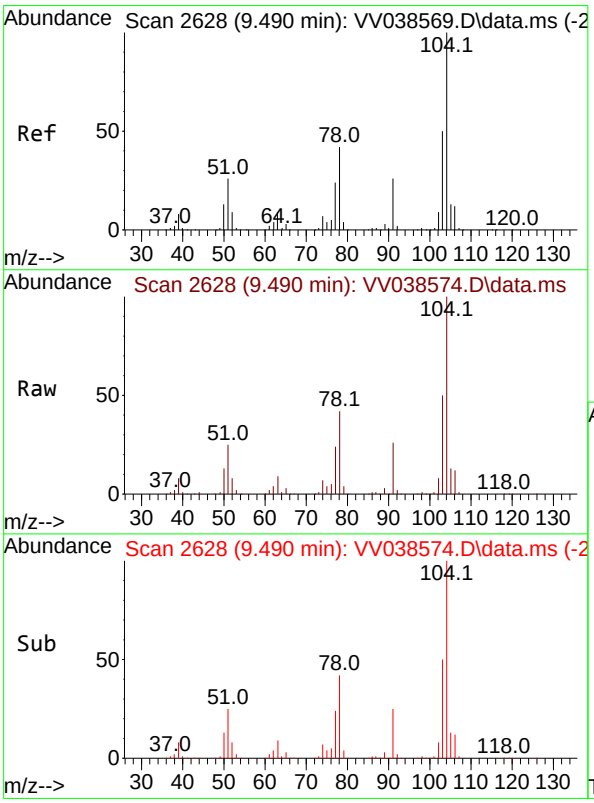

#54
o-Xylene
Concen: 4.372 ug/L
RT: 9.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:106 Resp: 112393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.0 | 151.4 | 281.2 |

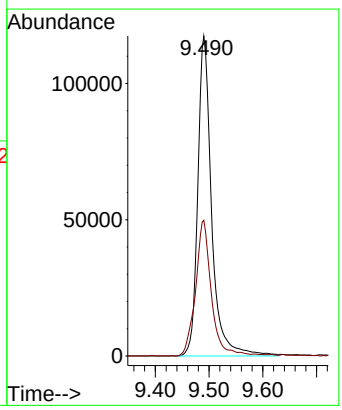


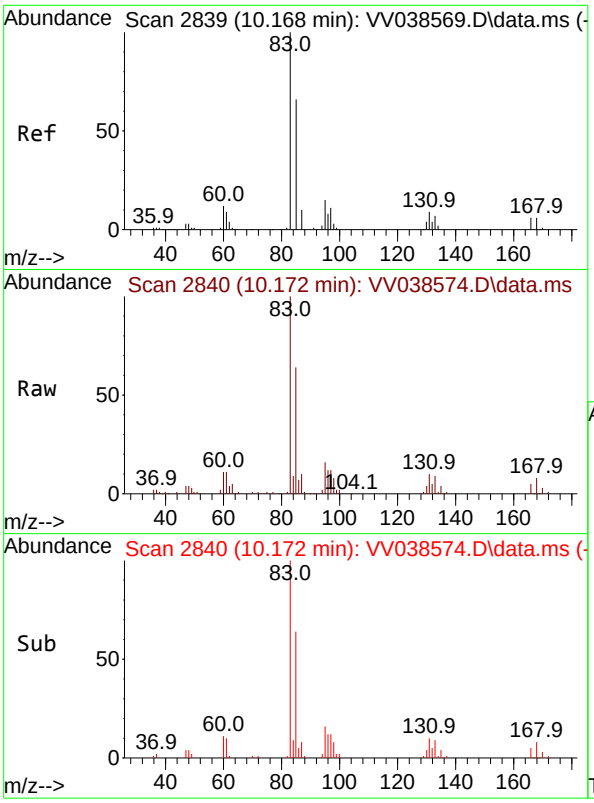




#55
Styrene
Concen: 4.694 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:104 Resp: 210421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 42.4 | 30.8 | 57.2 |



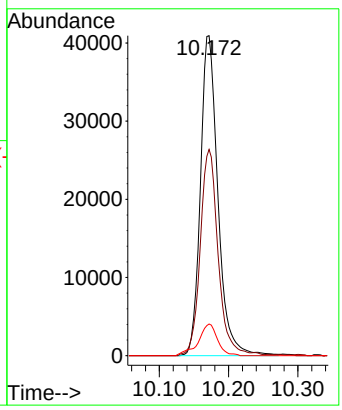


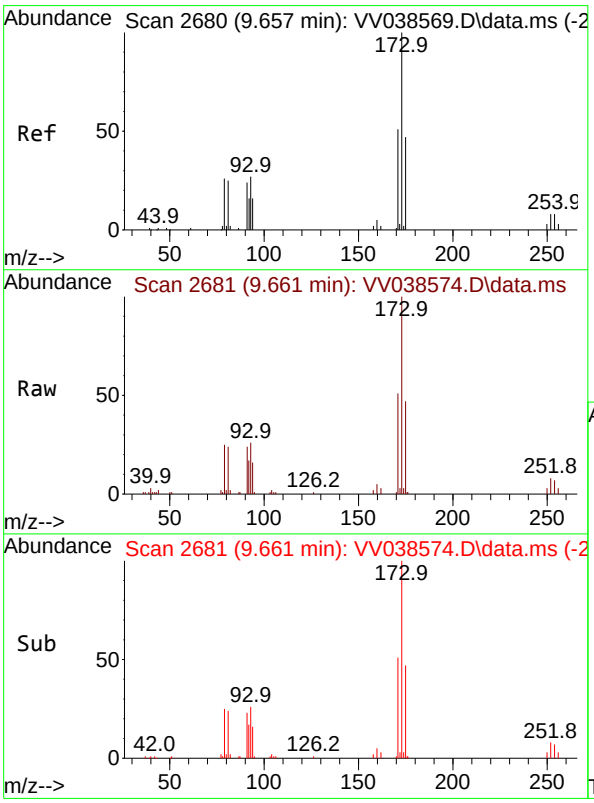

#57
1,1,2,2-Tetrachloroethane
Concen: 5.000 ug/L
RT: 10.172 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion: 83 Resp: 71805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 45.1 | 83.7 |
| 131 | 9.9 | 7.5 | 11.3 |

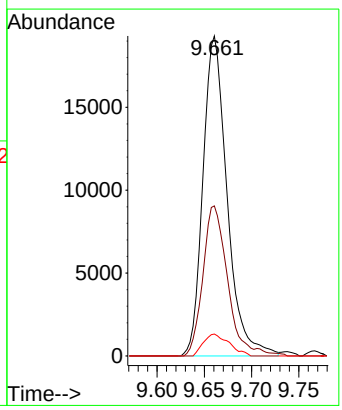


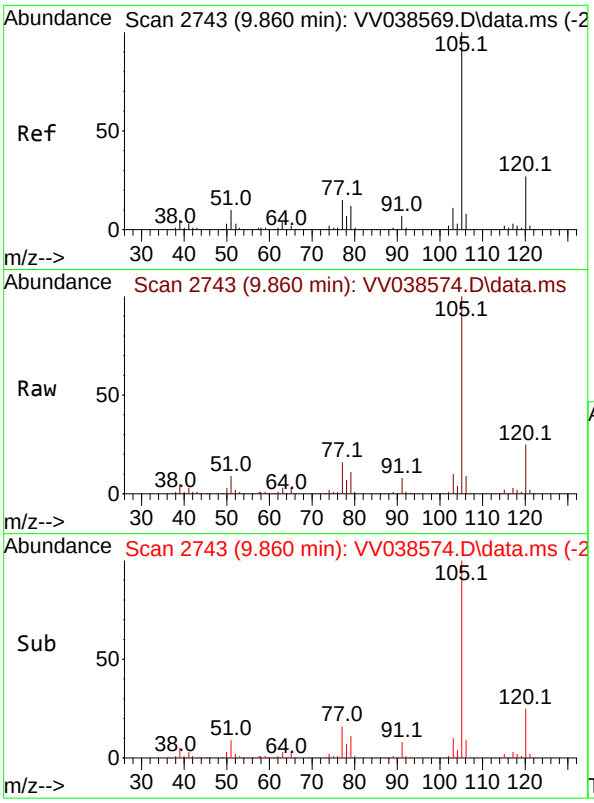




#59
Bromoform
Concen: 4.670 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:173 Resp: 34293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 37.6 | 56.4 |
| 254 | 7.3 | 5.6 | 8.4 |



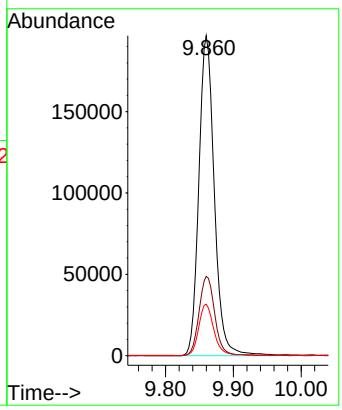


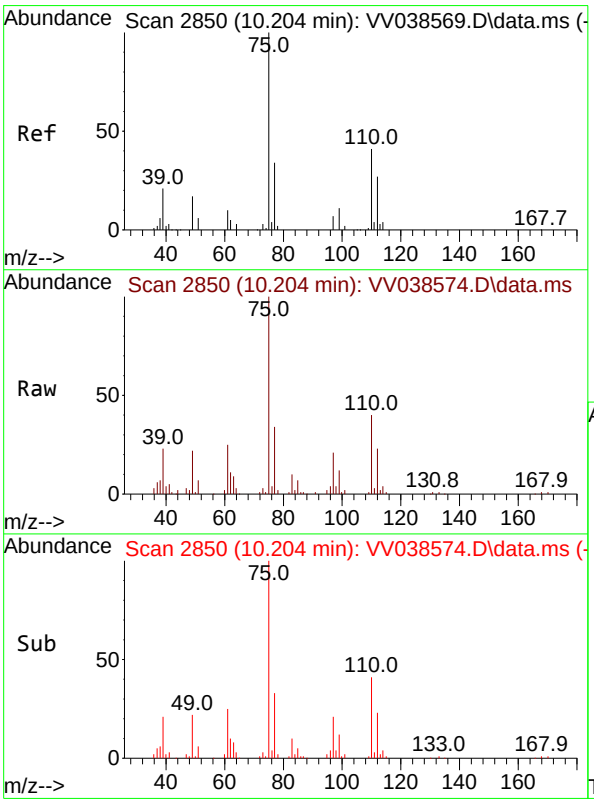

#60
Isopropylbenzene
Concen: 4.395 ug/L
RT: 9.860 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:105 Resp: 311386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 21.4 | 32.2 |
| 77 | 15.5 | 12.7 | 19.1 |

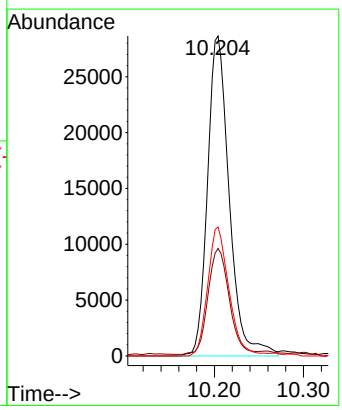


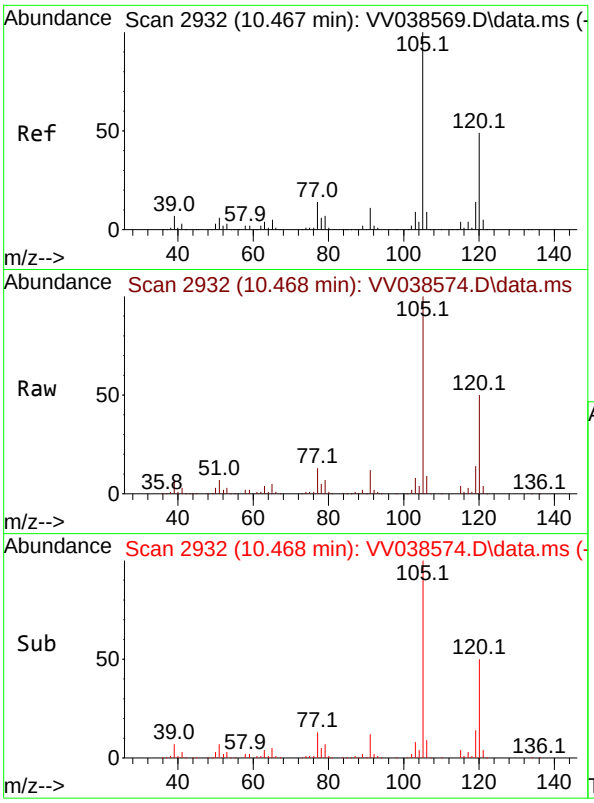




#61
1,2,3-Trichloropropane
Concen: 4.790 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 75 Resp: 48455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 25.4 | 38.0 |
| 110 | 39.5 | 32.6 | 48.8 |



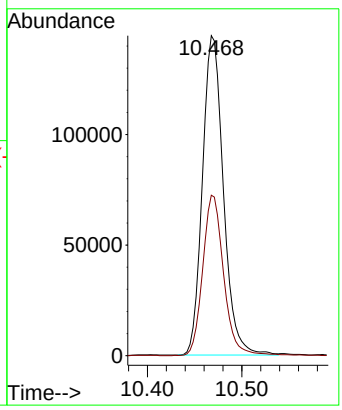


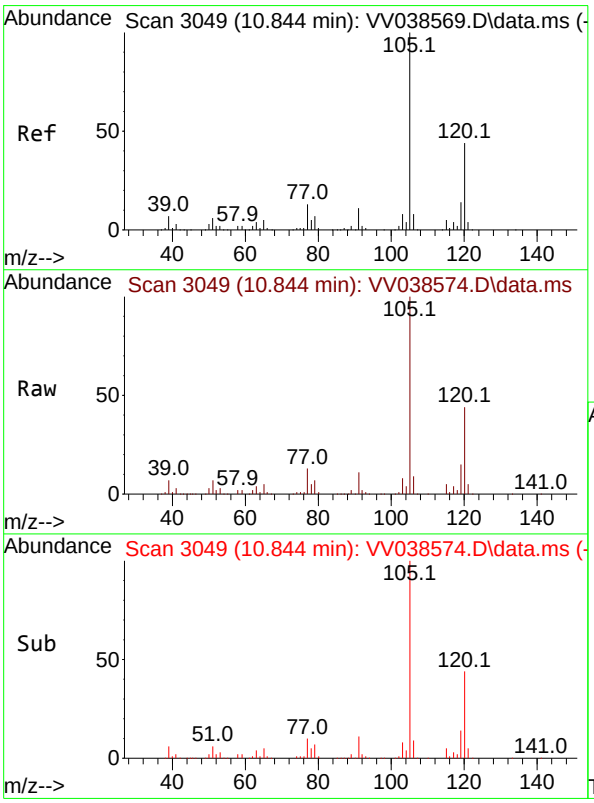

#62
1,3,5-Trimethylbenzene
Concen: 4.014 ug/L
RT: 10.468 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:105 Resp: 222693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.3 | 39.4 | 59.0 |

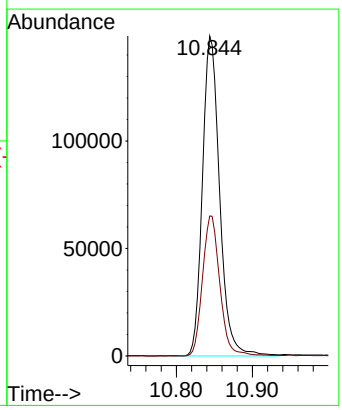


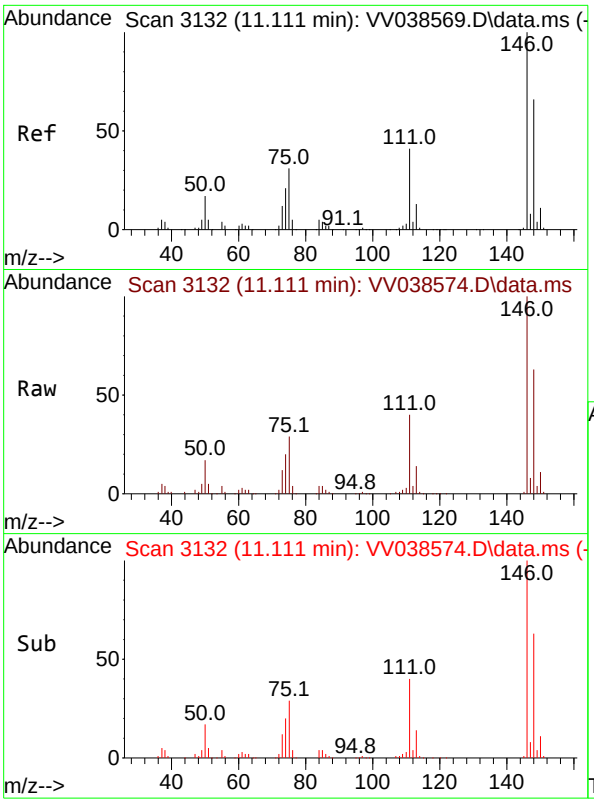




#63
1,2,4-Trimethylbenzene
Concen: 4.212 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:105 Resp: 233407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.2 | 35.8 | 53.8 |



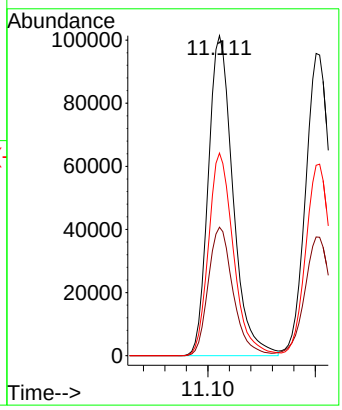


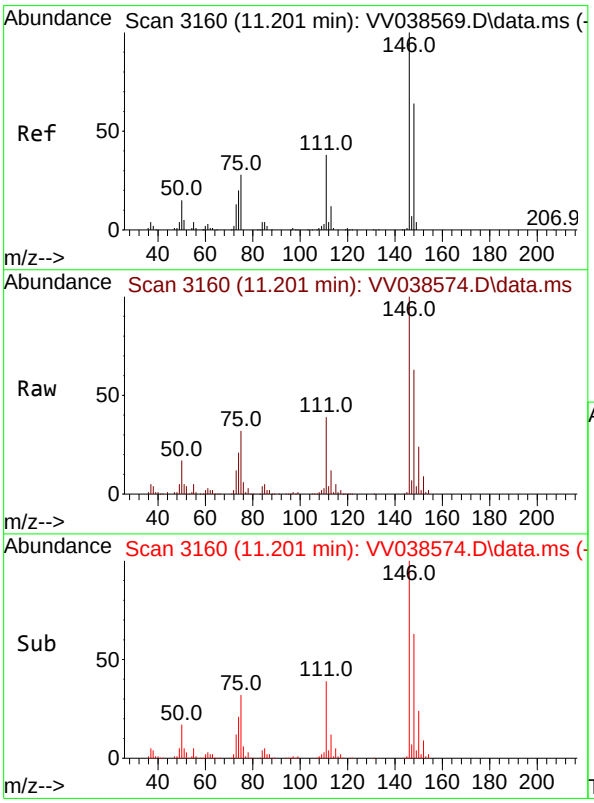

#64
1,3-Dichlorobenzene
Concen: 4.604 ug/L
RT: 11.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:146 Resp: 161832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 27.9 | 51.9 |
| 148 | 63.3 | 44.7 | 83.1 |

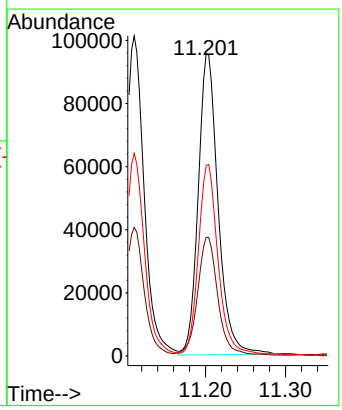


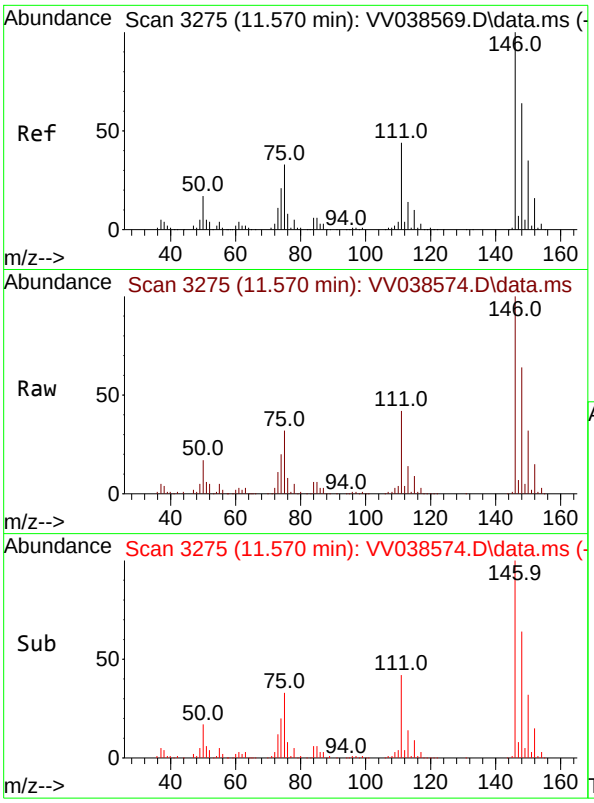




#65
1,4-Dichlorobenzene
Concen: 4.552 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:146 Resp: 165421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.3 | 28.1 | 52.3 |
| 148 | 63.0 | 44.7 | 83.1 |



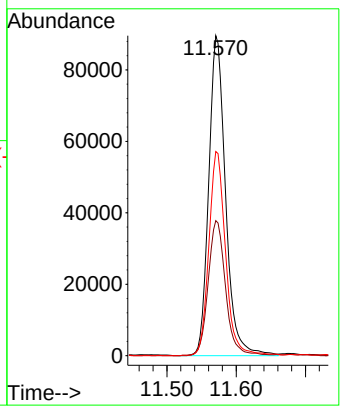


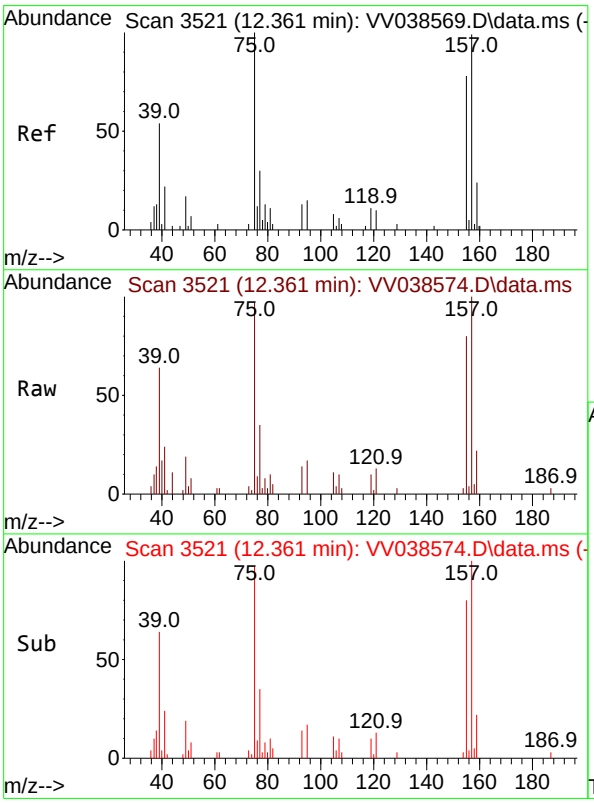

#67
1,2-Dichlorobenzene
Concen: 4.598 ug/L
RT: 11.570 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:146 Resp: 151352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.2 | 33.4 | 50.0 |
| 148 | 63.8 | 49.9 | 74.9 |

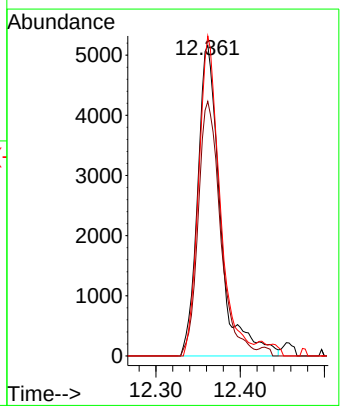


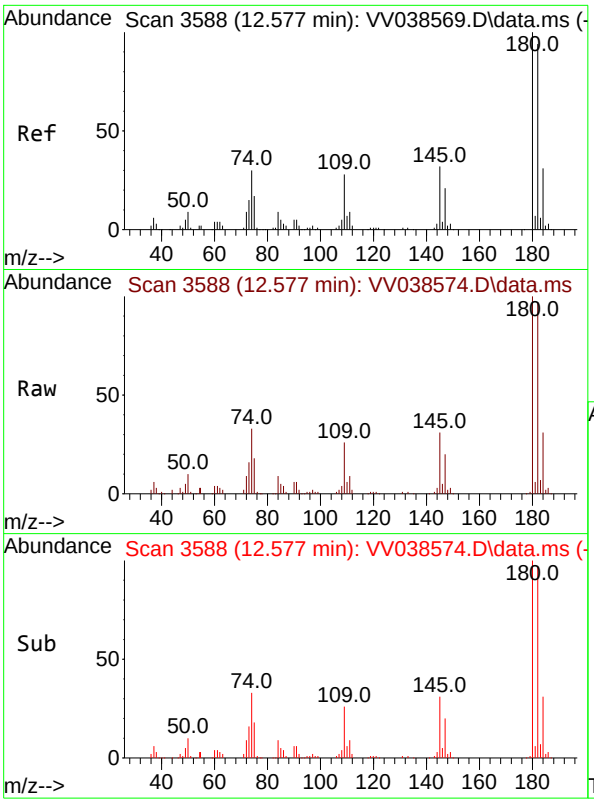




#68
1,2-Dibromo-3-chloropropane
Concen: 4.622 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion: 75 Resp: 9665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.9 | 56.7 | 85.1 |
| 157 | 103.0 | 74.4 | 111.6 |



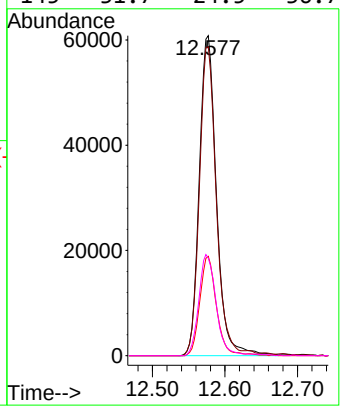


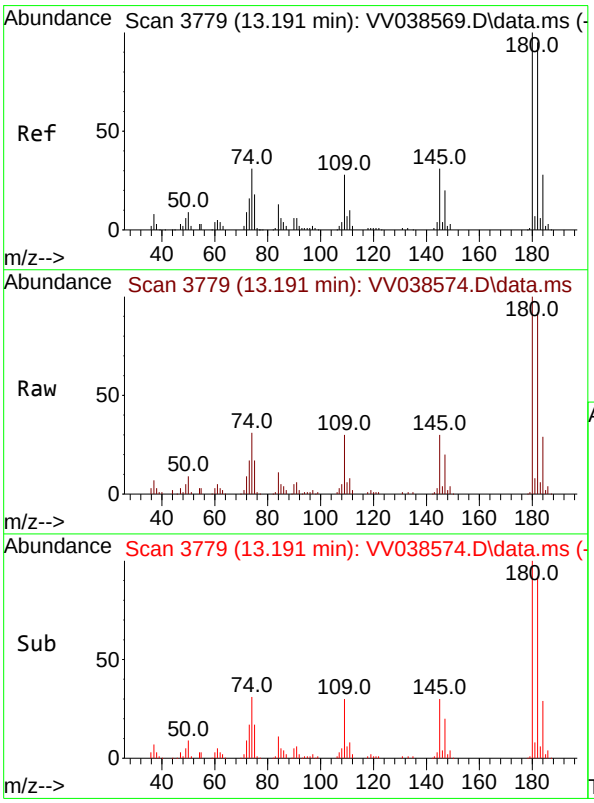

#69
1,3,5-Trichlorobenzene
Concen: 4.148 ug/L
RT: 12.577 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:180 Resp: 100284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 74.3 | 111.5 |
| 184 | 29.7 | 23.2 | 34.8 |
| 145 | 31.7 | 24.5 | 36.7 |

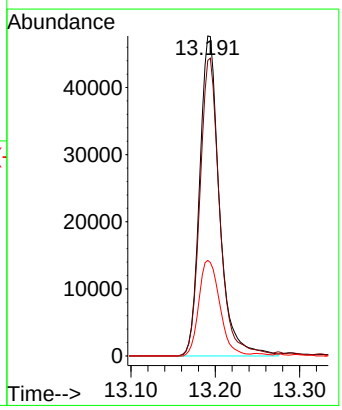


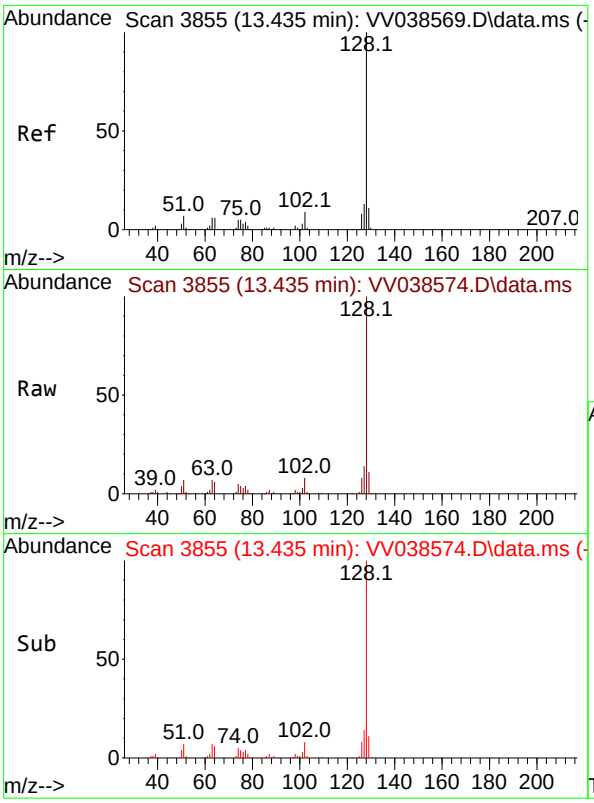




#70
1,2,4-trichlorobenzene
Concen: 4.330 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:180 Resp: 77794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.1 | 77.5 | 116.3 |
| 145 | 31.7 | 26.2 | 39.4 |



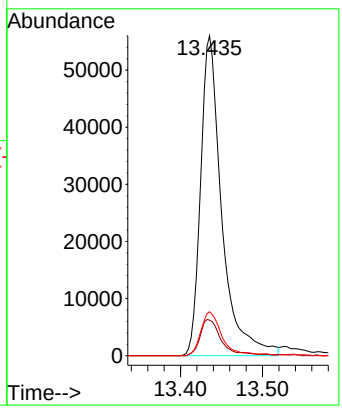


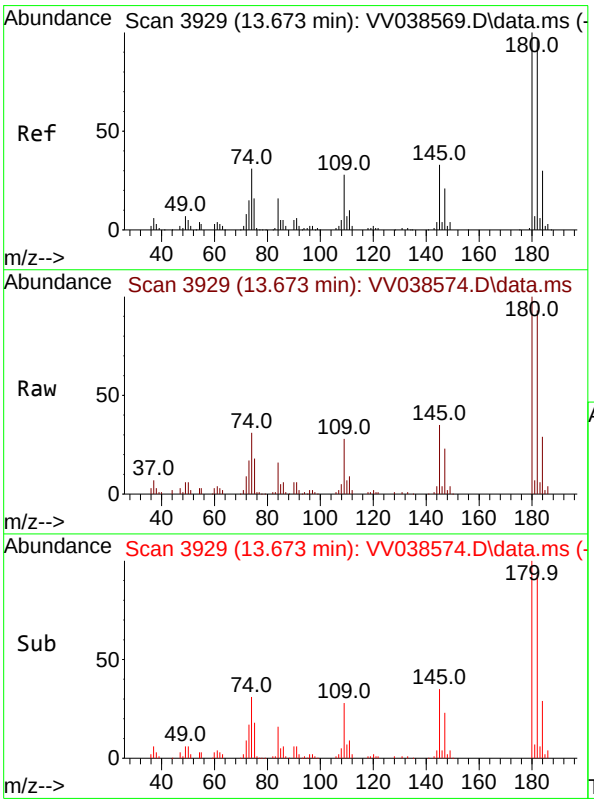

#71
Naphthalene
Concen: 3.776 ug/L
RT: 13.435 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

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

Tgt Ion:128 Resp: 100500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.3 | 12.5 |
| 127 | 13.5 | 11.0 | 16.6 |




#72
1,2,3-Trichlorobenzene
Concen: 4.652 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038574.D
Acq: 29 Jan 2025 17:36

Tgt Ion:180 Resp: 72277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 77.0 | 115.6 |
| 145 | 34.0 | 27.1 | 40.7 |