Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038281.D
Acq On : 22 Nov 2024 19:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 23 01:57:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 242763 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.780 | 117 | 257308 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.178 | 152 | 142407 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 80438 | 4.323 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 86.400% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 76294 | 5.069 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.053 | 65 | 35341 | 4.414 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 88.200% | | | |
| 20) 2-Butanone-d5 | 3.786 | 46 | 211456 | 56.807 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 113.620% | | | |
| 24) Chloroform-d | 4.239 | 84 | 189082 | 5.236 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 86096 | 5.313 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.200% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 322897 | 4.855 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 102385 | 5.003 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.000% | | | |
| 41) Toluene-d8 | 7.236 | 98 | 310302 | 5.043 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 40819 | 5.365 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 107.400% | | | |
| 46) 2-Hexanone-d5 | 8.017 | 63 | 166962 | 56.455 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 112.900% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84 | 95807 | 5.515 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 110.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.551 | 152 | 118519 | 4.885 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.105 | 85 | 115276 | 5.019 | ug/L | 98 |
| 3) Chloromethane | 1.214 | 50 | 107605 | 5.441 | ug/L | 100 |
| 5) Vinyl chloride | 1.281 | 62 | 117545 | 5.245 | ug/L | 95 |
| 6) Bromomethane | 1.484 | 94 | 66598 | 7.621 | ug/L | 97 |
| 8) Chloroethane | 1.545 | 64 | 77270 | 5.411 | ug/L | 98 |
| 9) Trichlorofluoromethane | 1.709 | 101 | 156334 | 4.902 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063 | 101 | 89061 | 4.893 | ug/L | 96 |
| 12) 1,1-Dichloroethene | 2.063 | 96 | 84073 | 4.849 | ug/L | 94 |
| 13) Acetone | 2.121 | 43 | 149728 | 54.387 | ug/L | 99 |
| 14) Carbon disulfide | 2.233 | 76 | 260755 | 4.668 | ug/L | 99 |
| 15) Methyl Acetate | 2.378 | 43 | 38290 | 5.727 | ug/L | 94 |
| 16) Methylene chloride | 2.439 | 84 | 103072 | 5.213 | ug/L | 95 |
| 17) Methyl tert-butyl Ether | 2.696 | 73 | 203610 | 5.194 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.690 | 96 | 91553 | 5.012 | ug/L | 96 |
| 19) 1,1-Dichloroethane | 3.104 | 63 | 174358 | 5.259 | ug/L | 100 |
| 21) 2-Butanone | 3.870 | 43 | 206498 | 52.262 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.805 | 96 | 102841 | 5.445 | ug/L | 98 |
| 23) Bromochloromethane | 4.140 | 128 | 49442 | 5.362 | ug/L | 94 |
| 25) Chloroform | 4.268 | 83 | 193351 | 5.451 | ug/L | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038281.D
Acq On : 22 Nov 2024 19:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 23 01:57:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 5.037 | 62 | 110949 | 5.748 | ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 4.503 | 97 | 161769 | 5.242 | ug/L | 99 |
| 30) Cyclohexane | 4.571 | 56 | 116950 | 4.569 | ug/L | 98 |
| 31) Carbon tetrachloride | 4.725 | 117 | 140890 | 5.175 | ug/L | 100 |
| 33) Benzene | 5.002 | 78 | 385446 | 5.333 | ug/L | 100 |
| 34) Trichloroethene | 5.828 | 95 | 100080 | 5.080 | ug/L | 97 |
| 35) Methylcyclohexane | 6.040 | 83 | 124093 | 4.452 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 6.085 | 63 | 96478 | 5.329 | ug/L | 98 |
| 38) Bromodichloromethane | 6.426 | 83 | 133399 | 5.482 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 6.950 | 75 | 135682 | 5.369 | ug/L | 95 |
| 40) 4-Methyl-2-pentanone | 7.149 | 43 | 539091 | 56.894 | ug/L | 100 |
| 42) Toluene | 7.307 | 91 | 412260 | 5.386 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 7.577 | 75 | 114974 | 5.386 | ug/L | 98 |
| 45) 1,1,2-Trichloroethane | 7.763 | 97 | 78155 | 5.323 | ug/L | 96 |
| 47) Tetrachloroethene | 7.895 | 164 | 90868 | 5.739 | ug/L | 96 |
| 48) 2-Hexanone | 8.069 | 43 | 406428 | 59.150 | ug/L | 98 |
| 49) Dibromochloromethane | 8.169 | 129 | 88411 | 5.523 | ug/L | 99 |
| 50) 1,2-Dibromoethane | 8.275 | 107 | 73677 | 5.413 | ug/L | 97 |
| 51) Chlorobenzene | 8.805 | 112 | 268092 | 5.083 | ug/L | 100 |
| 52) Ethylbenzene | 8.937 | 91 | 414014 | 5.098 | ug/L | 99 |
| 53) m,p-Xylene | 9.066 | 106 | 158554 | 5.174 | ug/L | 96 |
| 54) o-Xylene | 9.471 | 106 | 154456 | 5.178 | ug/L | 89 |
| 55) Styrene | 9.490 | 104 | 280696 | 5.338 | ug/L | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83 | 95728 | 5.576 | ug/L | 100 |
| 59) Bromoform | 9.657 | 173 | 45787 | 5.525 | ug/L | 99 |
| 60) Isopropylbenzene | 9.860 | 105 | 407823 | 4.972 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 10.204 | 75 | 66910 | 5.488 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 10.468 | 105 | 309395 | 4.754 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 10.844 | 105 | 314969 | 4.853 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.111 | 146 | 219627 | 4.987 | ug/L | 98 |
| 65) 1,4-Dichlorobenzene | 11.201 | 146 | 224067 | 5.033 | ug/L | 98 |
| 67) 1,2-Dichlorobenzene | 11.570 | 146 | 209013 | 5.128 | ug/L | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75 | 14349 | 5.243 | ug/L | 94 |
| 69) 1,3,5-Trichlorobenzene | 12.574 | 180 | 146062 | 4.682 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.191 | 180 | 115904 | 4.494 | ug/L | 99 |
| 71) Naphthalene | 13.432 | 128 | 150524 | 3.752 | ug/L | 98 |
| 72) 1,2,3-Trichlorobenzene | 13.673 | 180 | 104999 | 4.407 | ug/L | 99 |

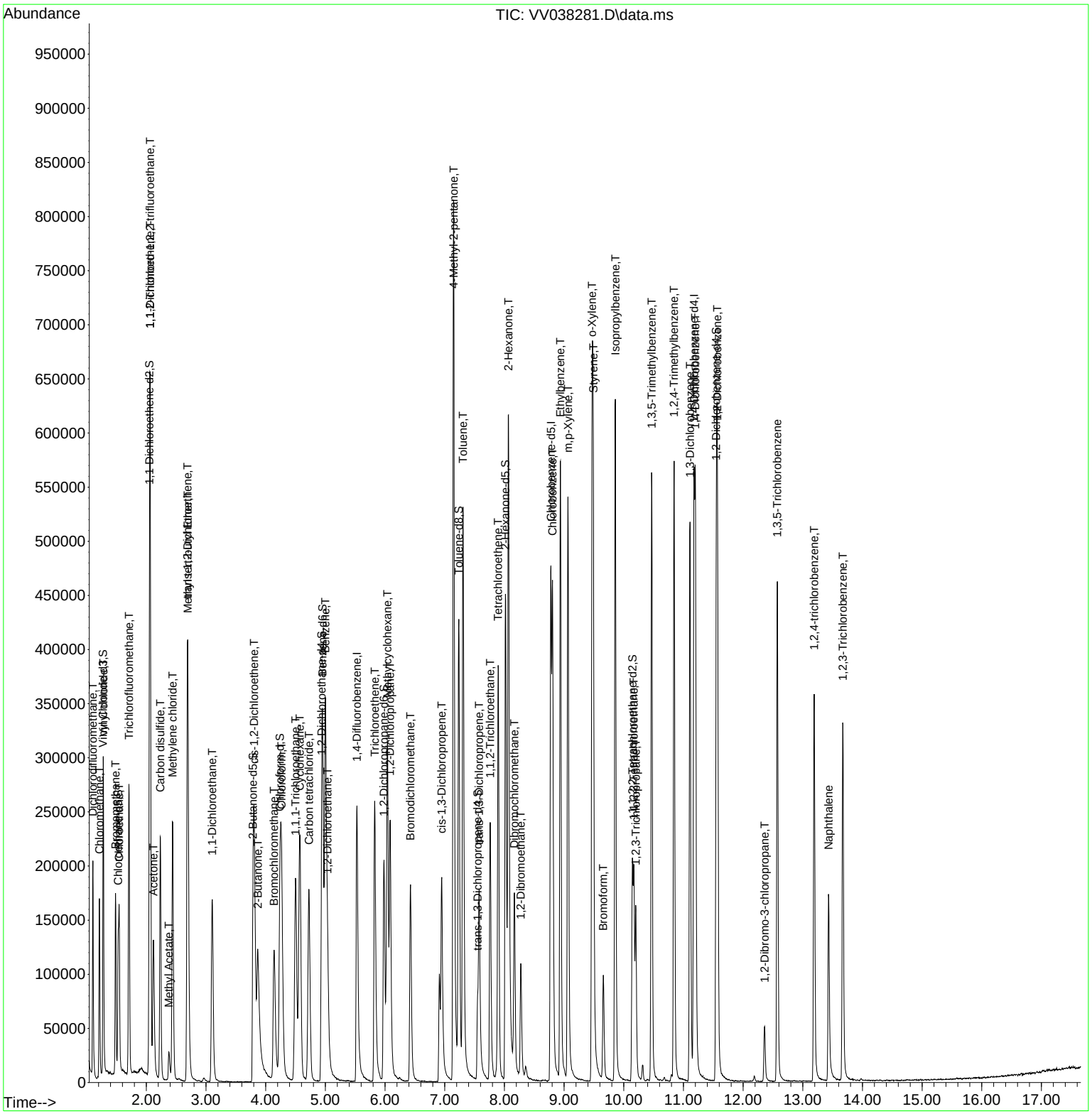
(#) = qualifier out of range (m) = manual integration (+) = signals summed

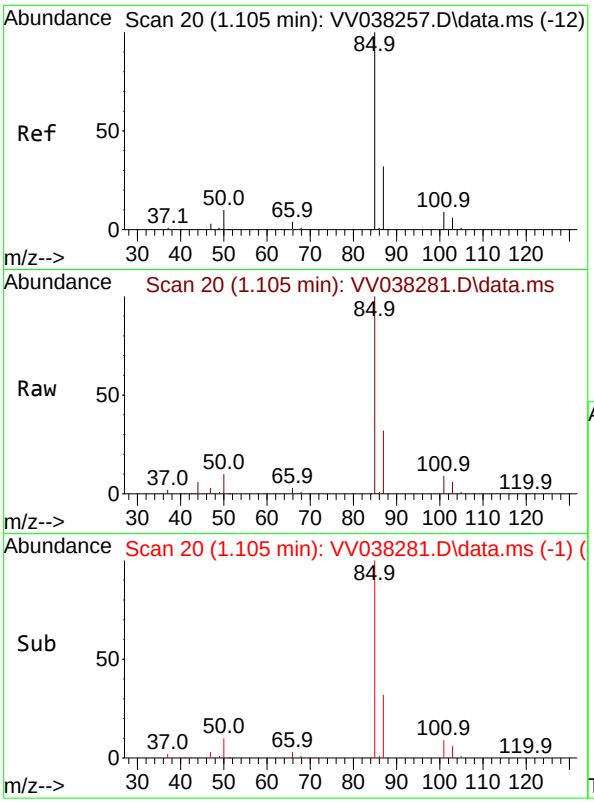
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038281.D
Acq On : 22 Nov 2024 19:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 23 01:57:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration



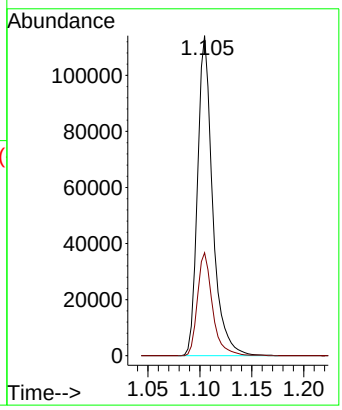


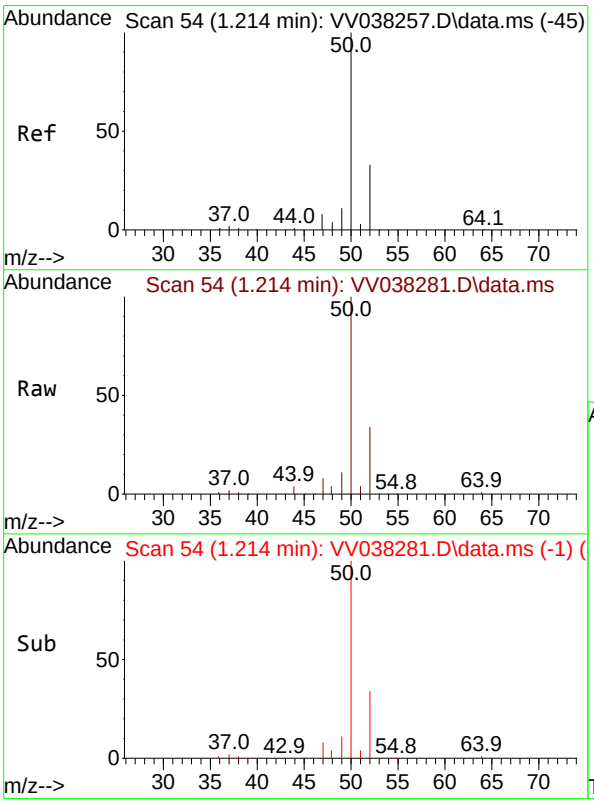

#2
Dichlorodifluoromethane
Concen: 5.019 ug/L
RT: 1.105 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 85 Resp: 115276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 26.5 | 39.7 |

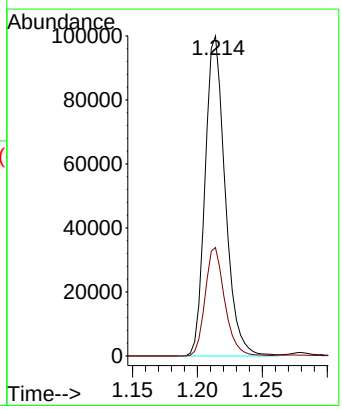


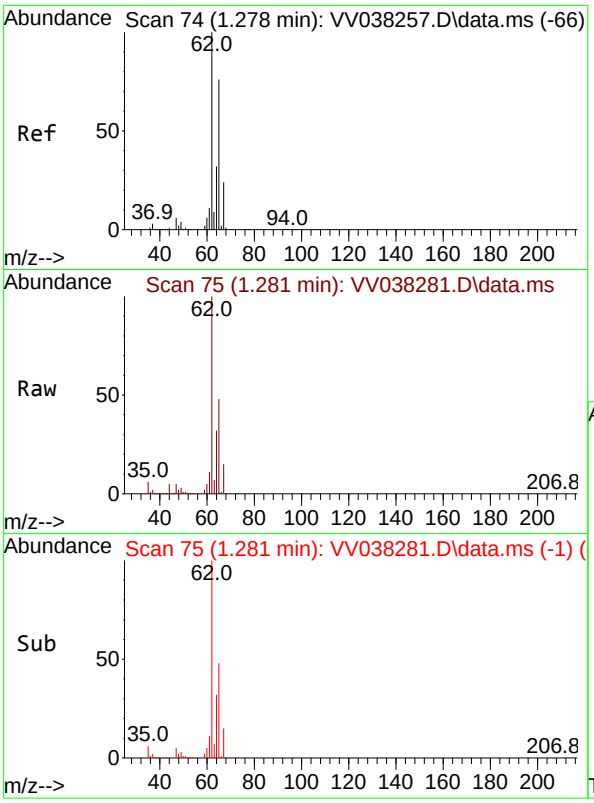




#3
Chloromethane
Concen: 5.441 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 50 Resp: 107605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.9 | 23.5 | 43.7 |



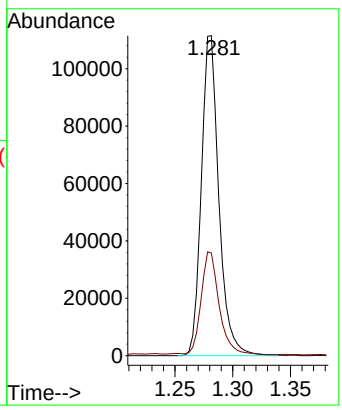


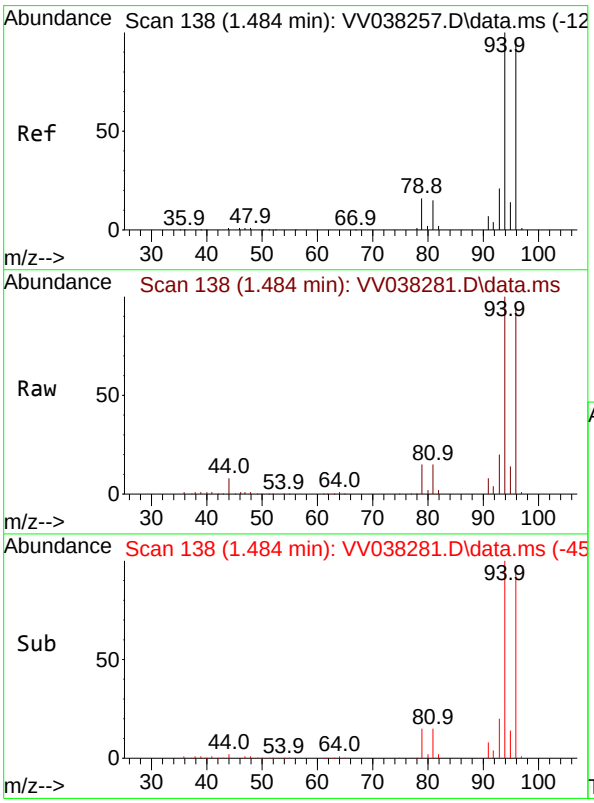

#5
Vinyl chloride
Concen: 5.245 ug/L
RT: 1.281 min Scan# 7
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 62 Resp: 117545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 24.4 | 45.4 |

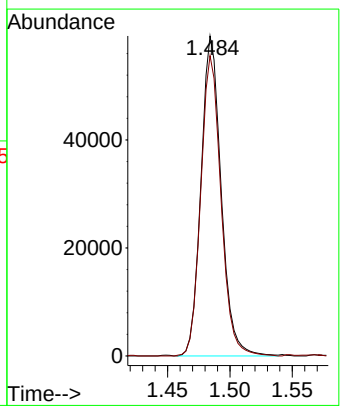


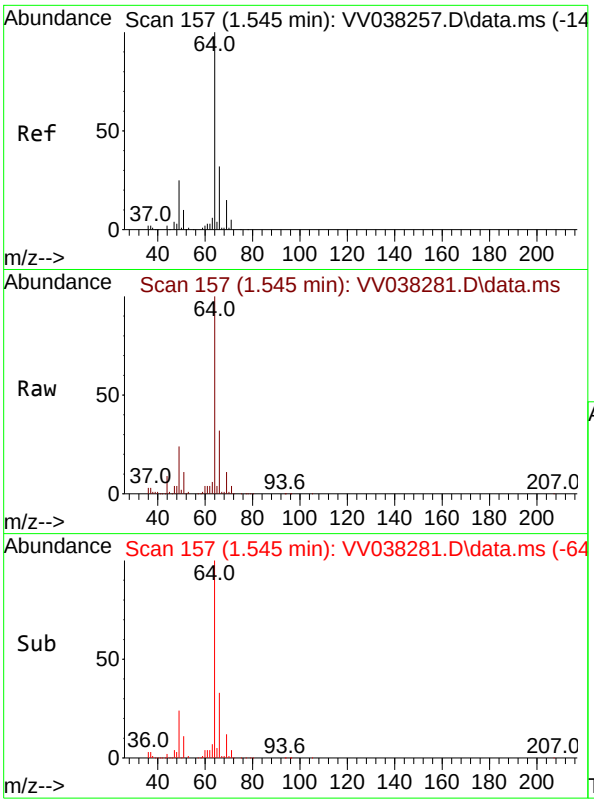




#6
Bromomethane
Concen: 7.621 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 94 Resp: 66598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.8 | 63.7 | 118.3 |



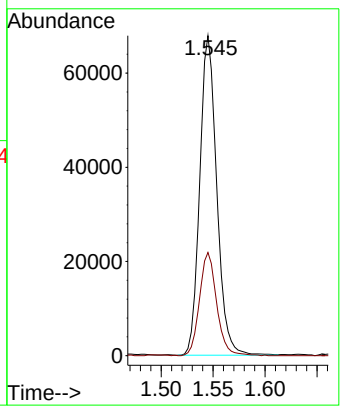


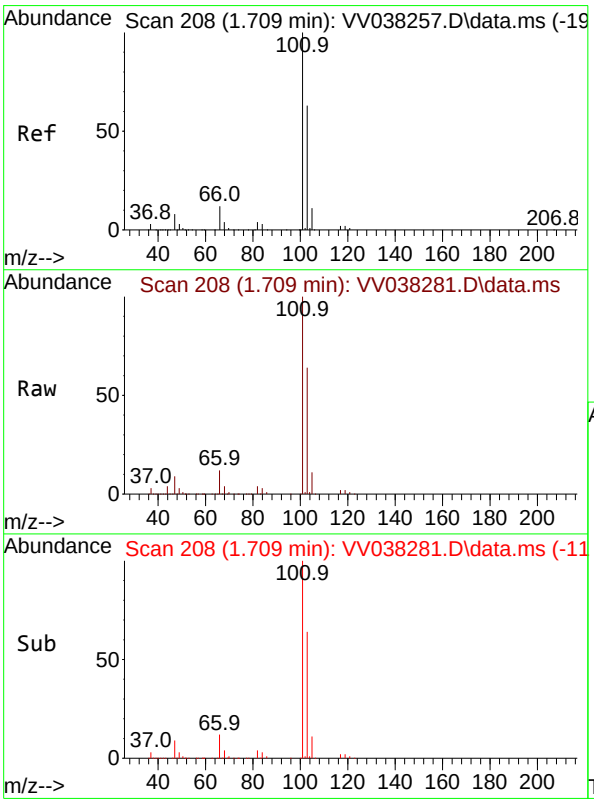

#8
Chloroethane
Concen: 5.411 ug/L
RT: 1.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 64 Resp: 77270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 22.0 | 40.8 |

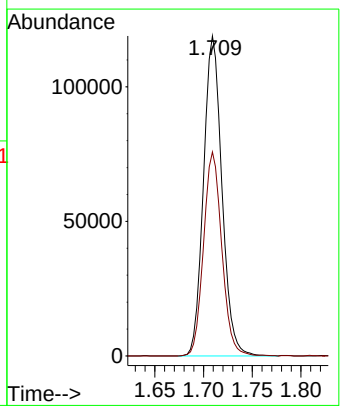


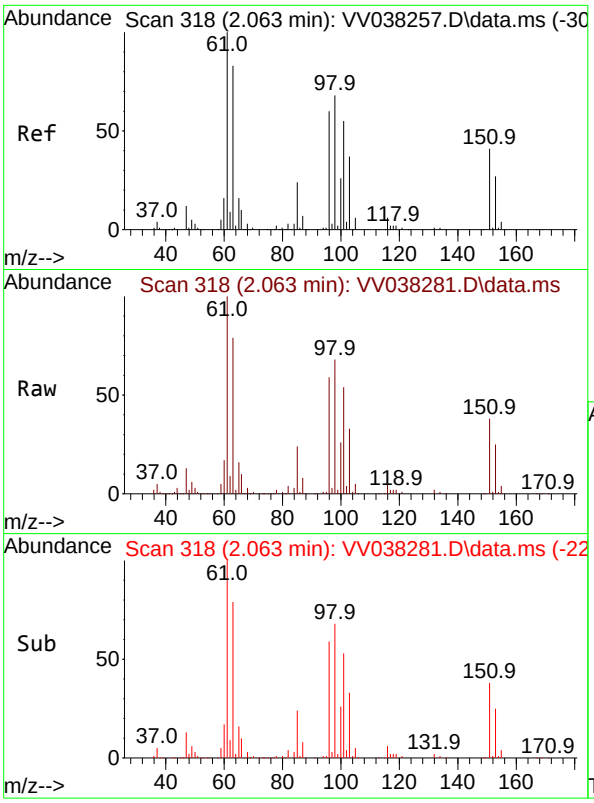




#9
Trichlorofluoromethane
Concen: 4.902 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:101 Resp: 156334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.0 | 51.5 | 77.3 |



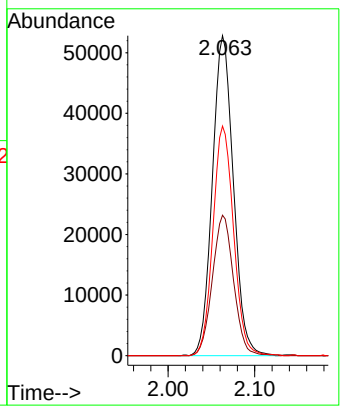


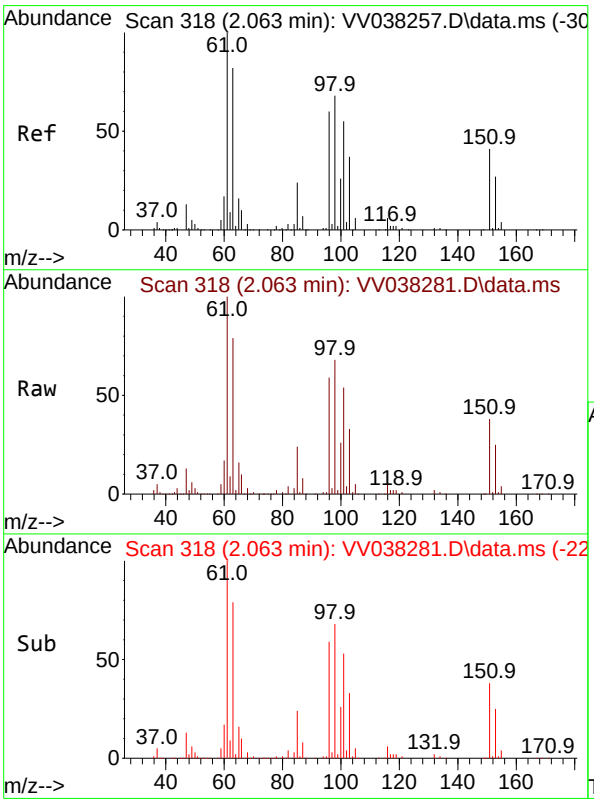

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.893 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:101 Resp: 89061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.3 | 33.4 | 50.0 |
| 151 | 70.6 | 58.8 | 88.2 |

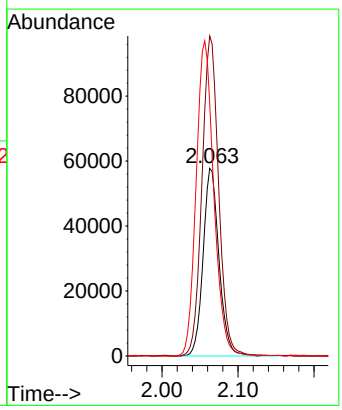


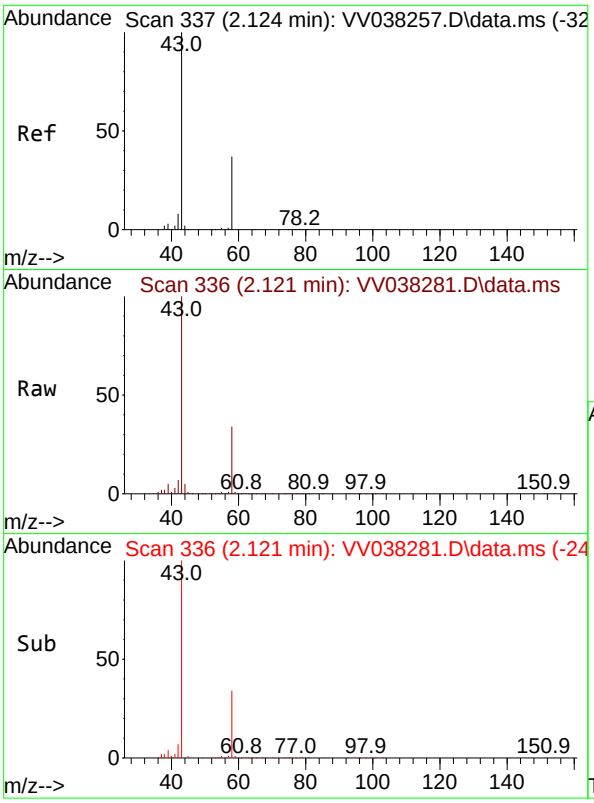




#12
1,1-Dichloroethene
Concen: 4.849 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 96 Resp: 84073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.6 | 115.7 | 214.9 |
| 63 | 134.8 | 101.1 | 187.7 |



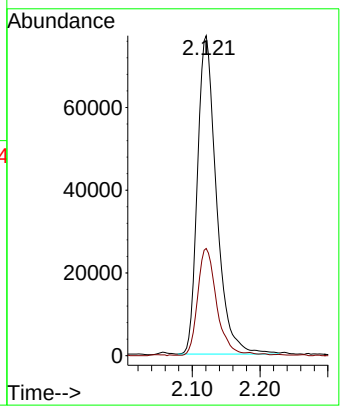


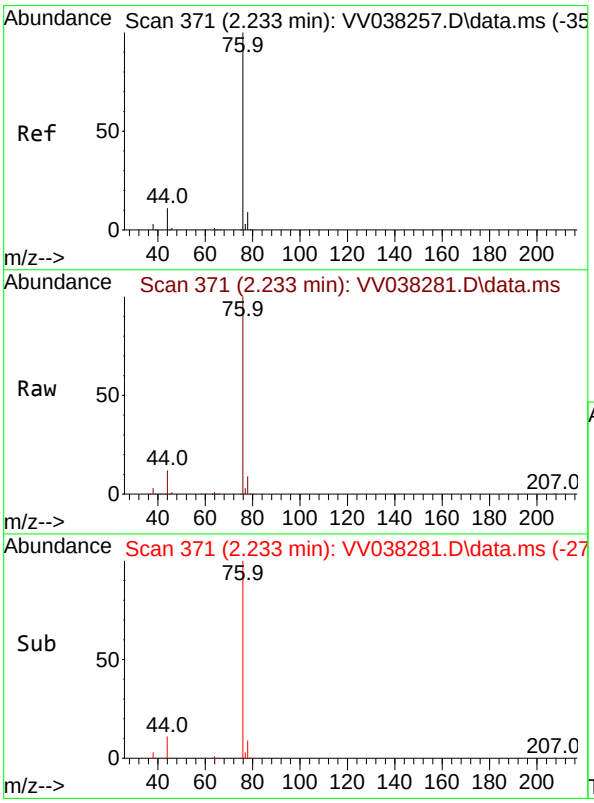

#13
Acetone
Concen: 54.387 ug/L
RT: 2.121 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 43 Resp: 149728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.2 | 0.0 | 67.2 |

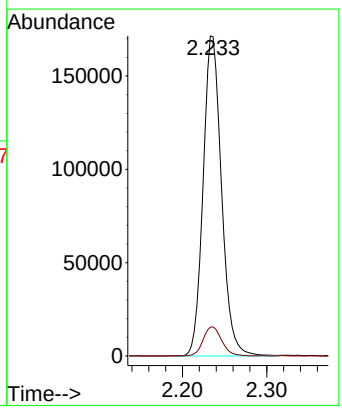


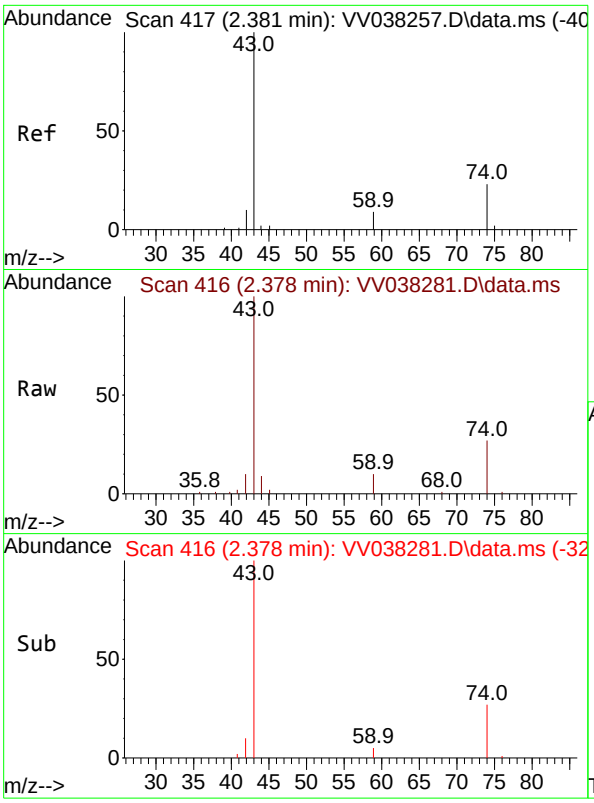




#14
Carbon disulfide
Concen: 4.668 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 76 Resp: 260755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.4 | 11.0 |



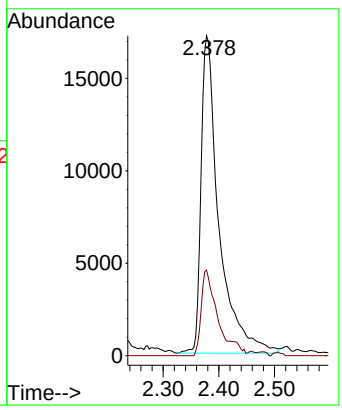


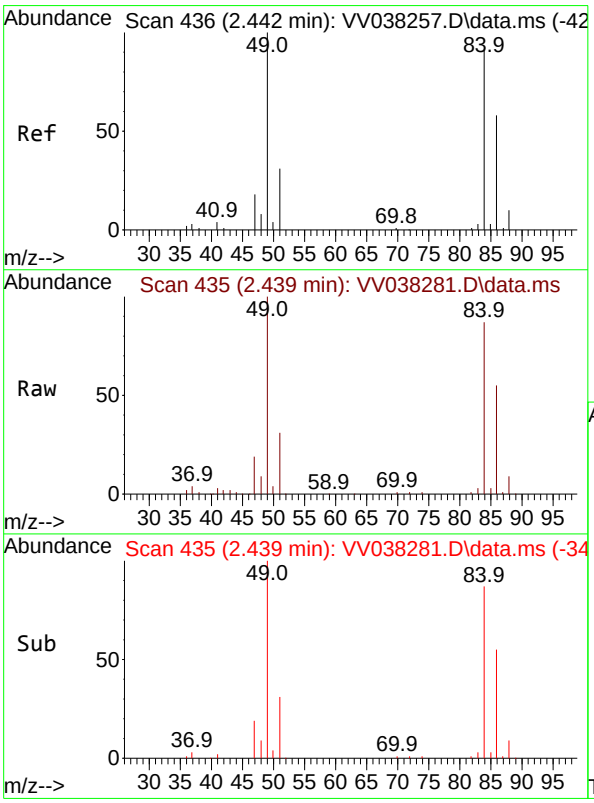

#15
Methyl Acetate
Concen: 5.727 ug/L
RT: 2.378 min Scan# 4
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 43 Resp: 38290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.0 | 22.4 | 33.6 |

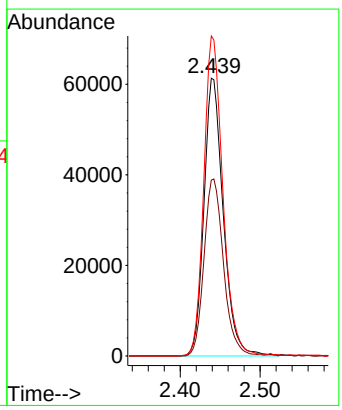


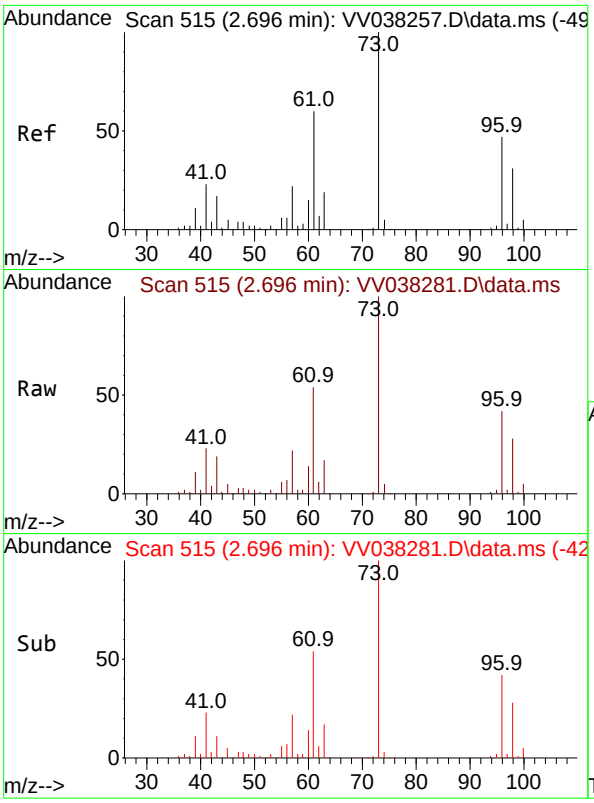




#16
Methylene chloride
Concen: 5.213 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 84 Resp: 103072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.3 | 44.2 | 82.2 |
| 49 | 115.2 | 74.9 | 139.1 |



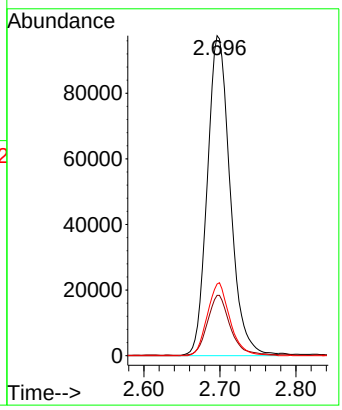


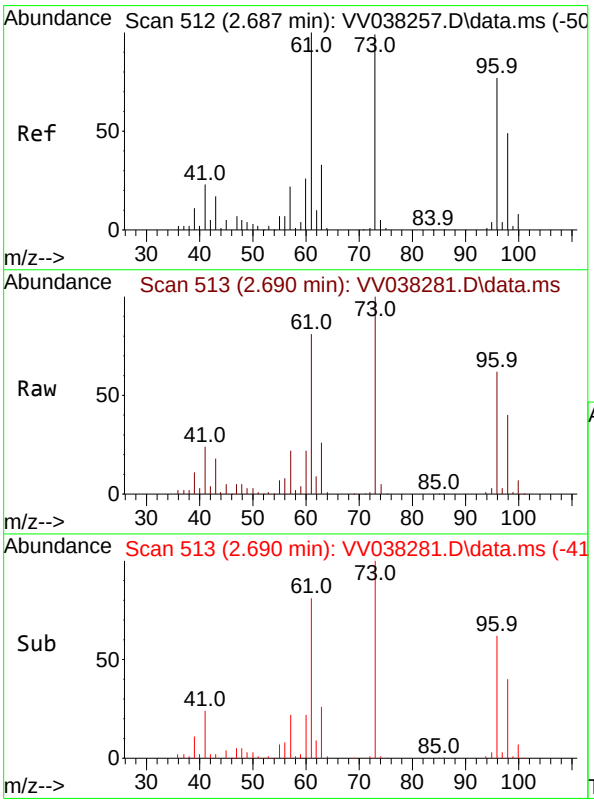

#17
Methyl tert-butyl Ether
Concen: 5.194 ug/L
RT: 2.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 73 Resp: 203610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 18.6 | 14.2 | 21.2 |
| 57 | 22.3 | 17.6 | 26.4 |

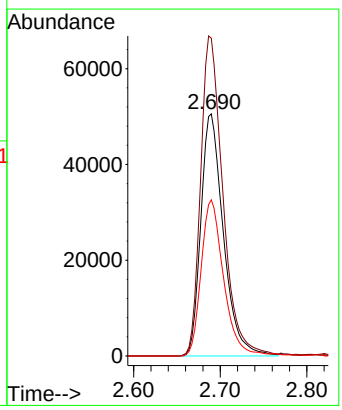


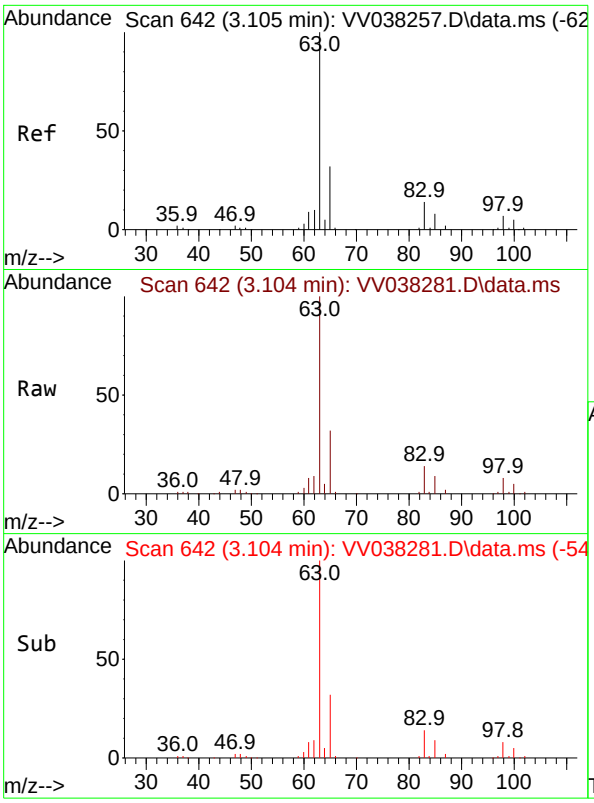




#18
trans-1,2-Dichloroethene
Concen: 5.012 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 96 Resp: 91553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.3 | 88.5 | 164.4 |
| 98 | 64.5 | 43.9 | 81.5 |



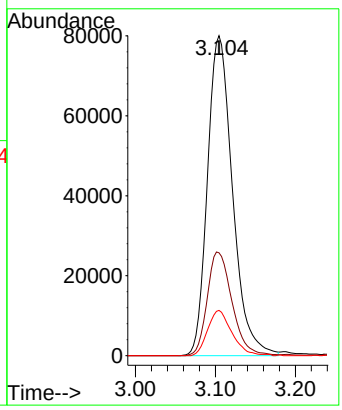


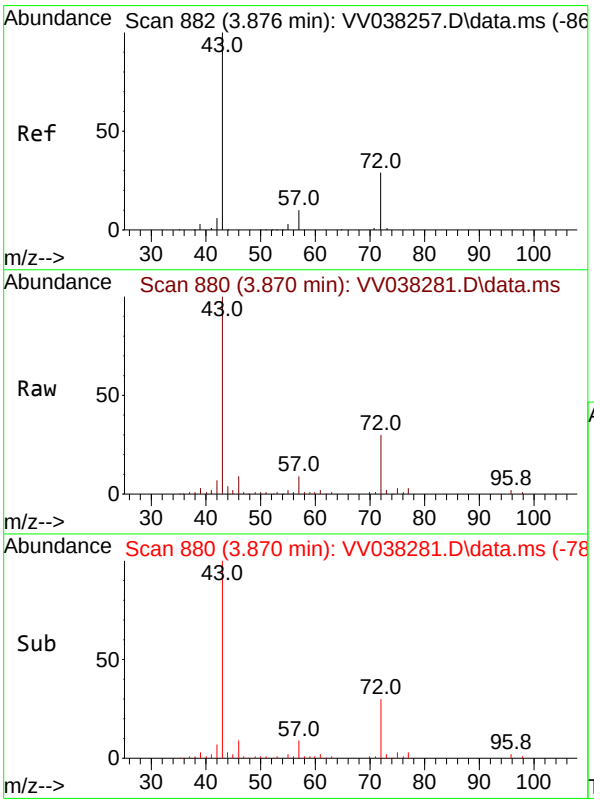

#19
1,1-Dichloroethane
Concen: 5.259 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 63 Resp: 174358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.2 | 22.5 | 41.7 |
| 83 | 14.2 | 10.1 | 18.9 |

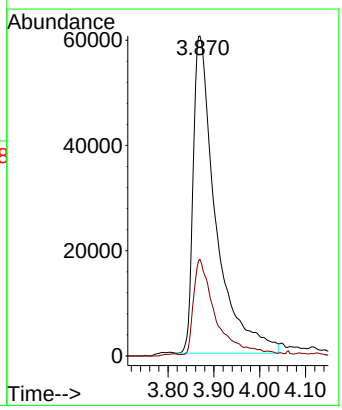


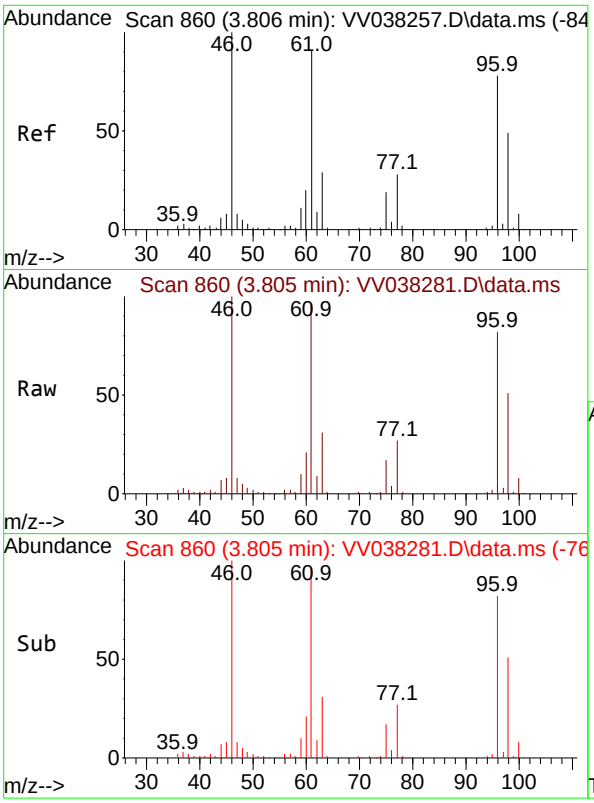




#21
2-Butanone
Concen: 52.262 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.007 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 43 Resp: 206498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 13.0 | 39.0 |



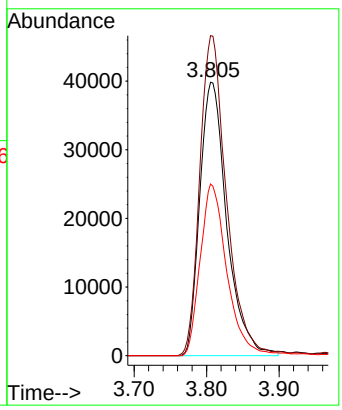


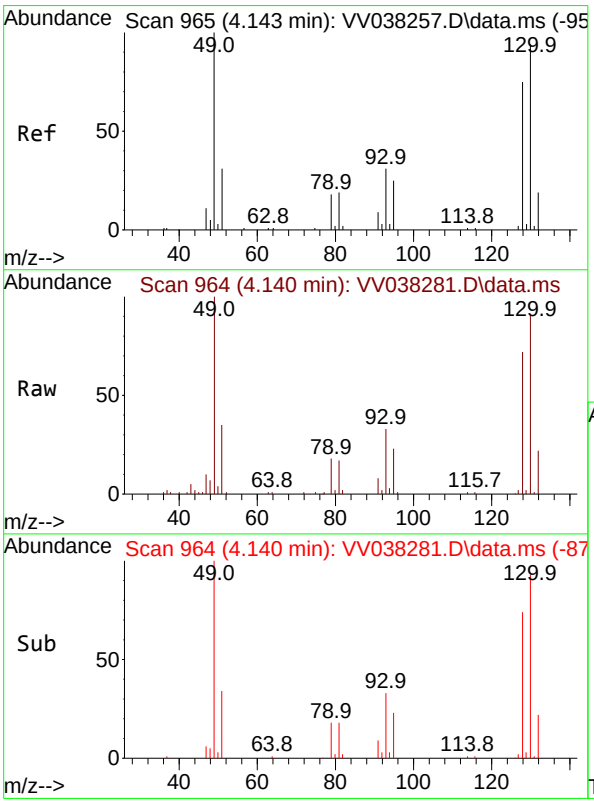

#22
cis-1,2-Dichloroethene
Concen: 5.445 ug/L
RT: 3.805 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 96 Resp: 102841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 117.0 | 82.7 | 153.5 |
| 98 | 62.8 | 46.3 | 85.9 |

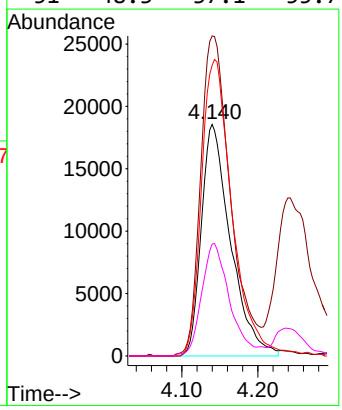


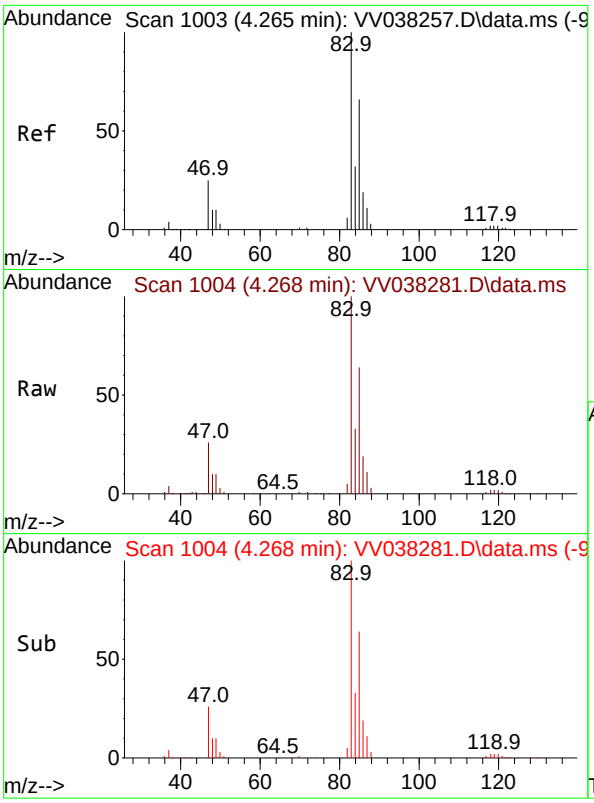




#23
Bromochloromethane
Concen: 5.362 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:128 Resp: 49442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 138.2 | 102.8 | 190.8 |
| 130 | 125.5 | 93.6 | 173.8 |
| 51 | 48.3 | 37.1 | 55.7 |



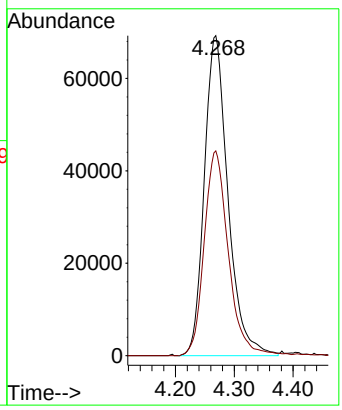


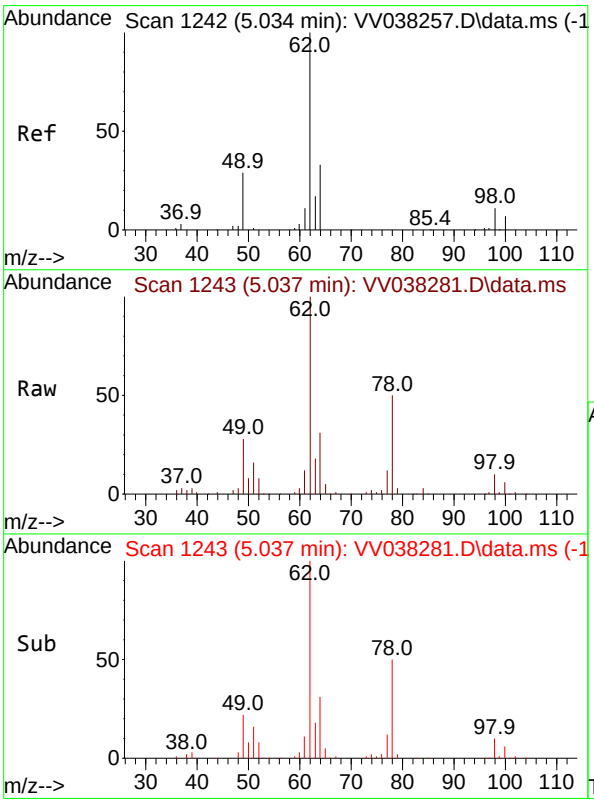

#25
Chloroform
Concen: 5.451 ug/L
RT: 4.268 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 83 Resp: 193351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 46.5 | 86.3 |

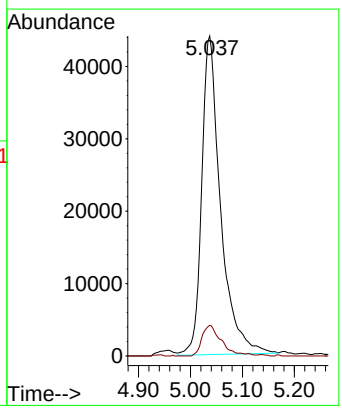


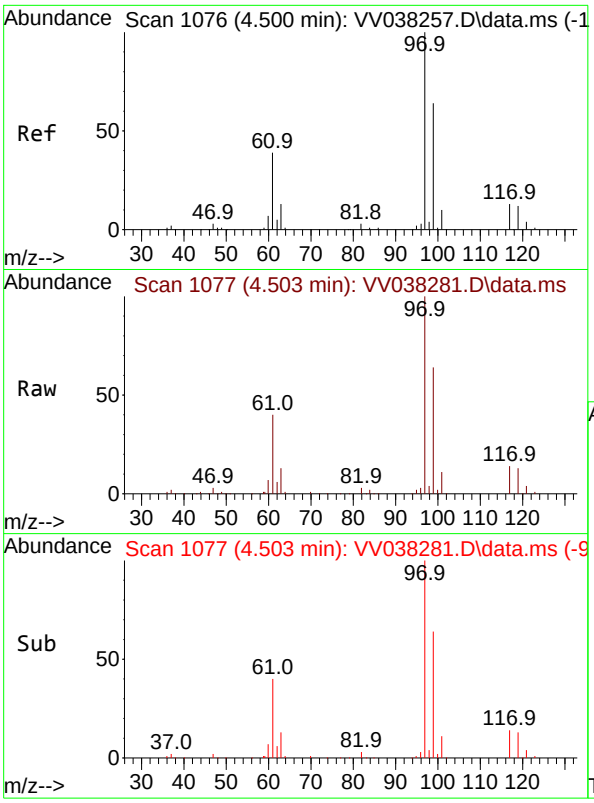




#27
1,2-Dichloroethane
Concen: 5.748 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 62 Resp: 110949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 8.2 | 12.4 |



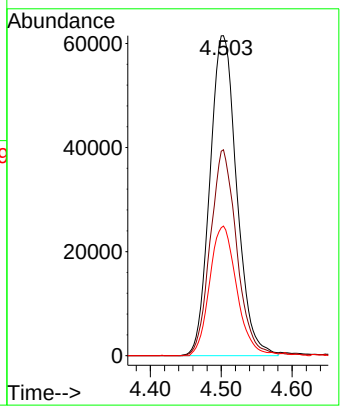


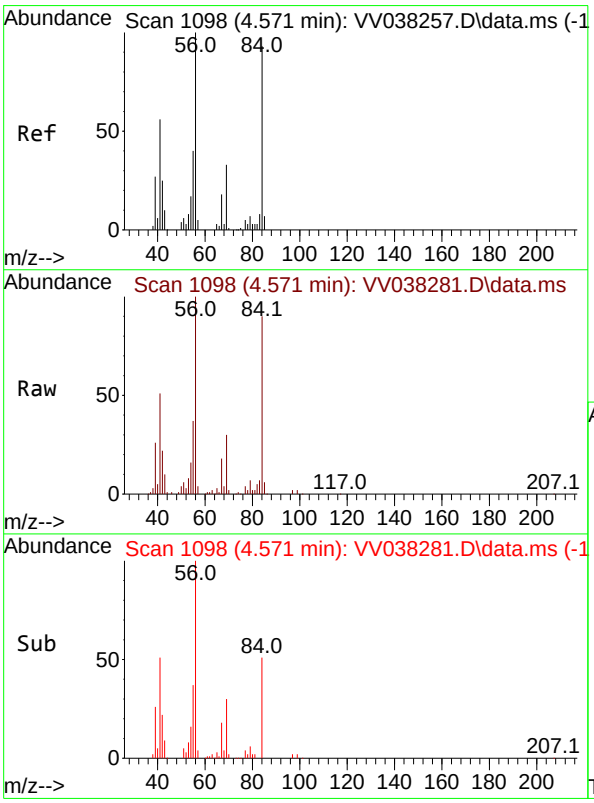

#29
1,1,1-Trichloroethane
Concen: 5.242 ug/L
RT: 4.503 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 97 Resp: 161769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.4 | 51.8 | 77.8 |
| 61 | 40.9 | 32.2 | 48.2 |

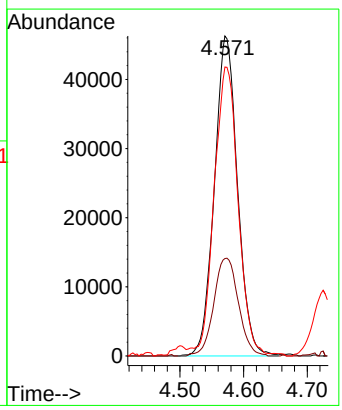


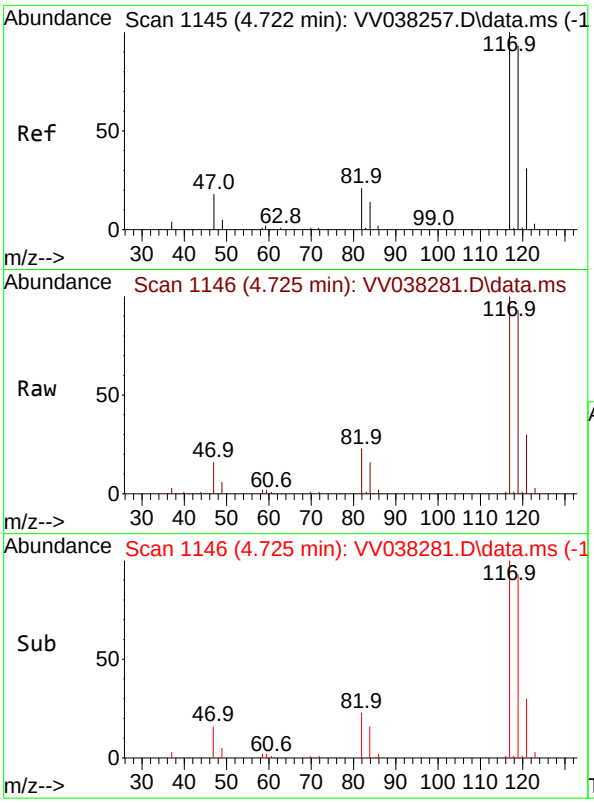




#30
Cyclohexane
Concen: 4.569 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 56 Resp: 116950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.5 | 26.0 | 39.0 |
| 84 | 92.1 | 75.6 | 113.4 |



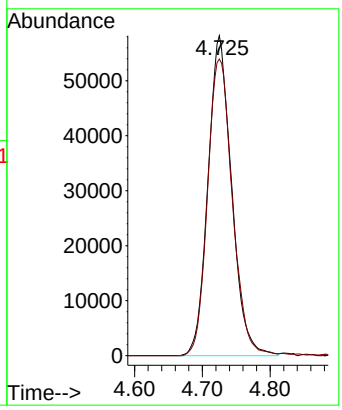


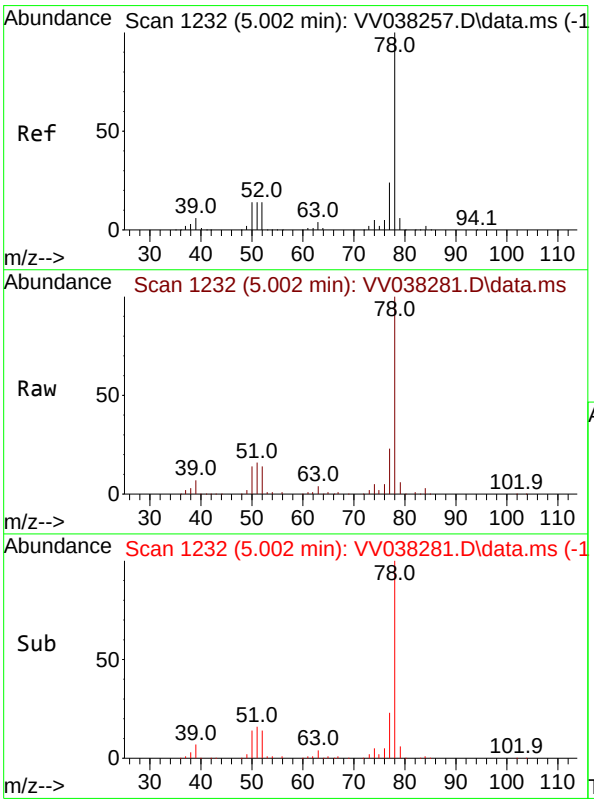

#31
Carbon tetrachloride
Concen: 5.175 ug/L
RT: 4.725 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:117 Resp: 140890

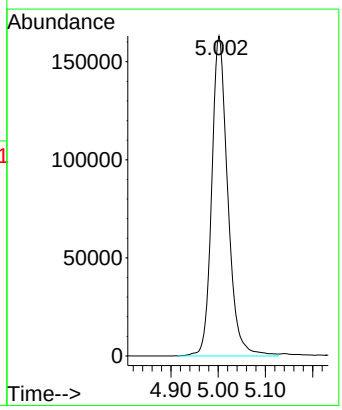
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.1 | 77.4 | 116.2 |

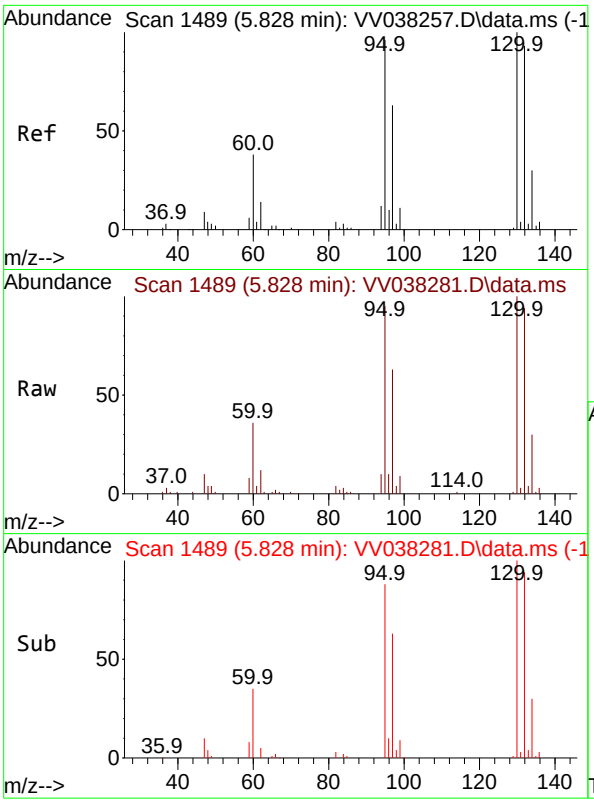



#33
Benzene
Concen: 5.333 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 78 Resp: 385446



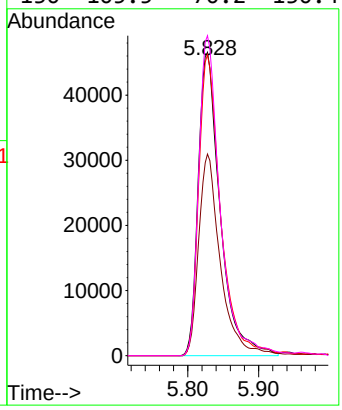


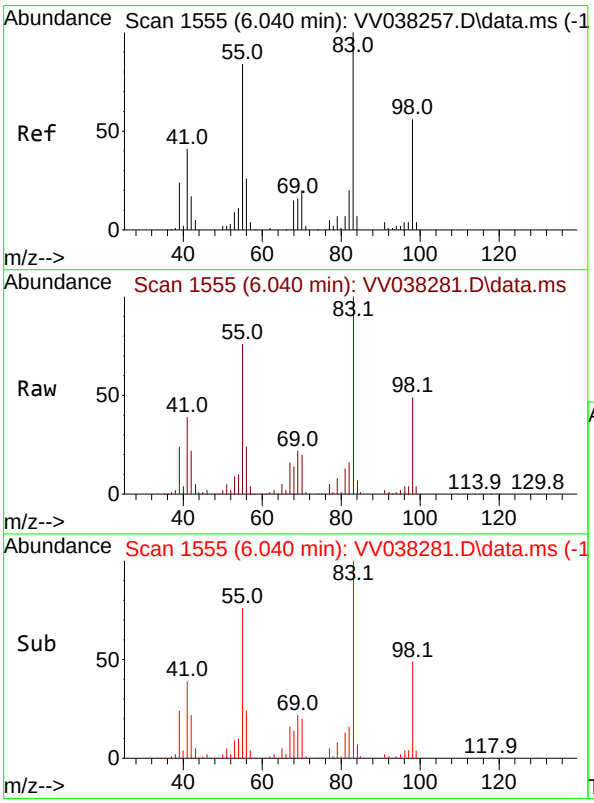

#34
Trichloroethene
Concen: 5.080 ug/L
RT: 5.828 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 95 Resp: 100080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 66.5 | 44.8 | 83.2 |
| 132 | 99.3 | 68.3 | 126.8 |
| 130 | 105.5 | 70.2 | 130.4 |

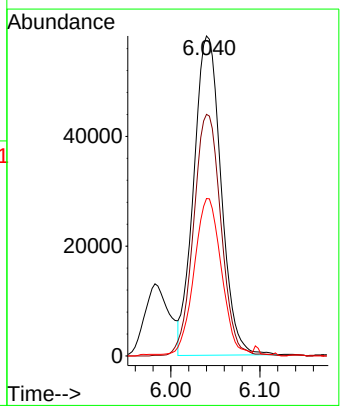


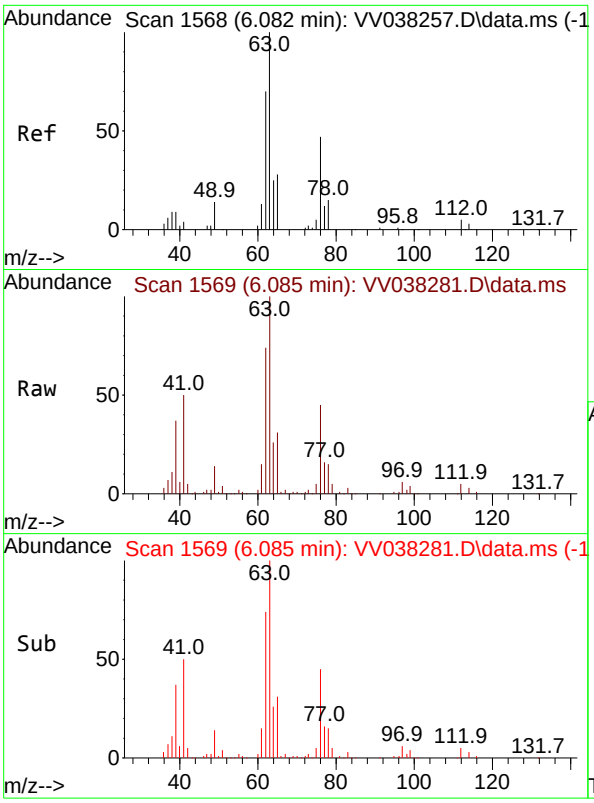




#35
Methylcyclohexane
Concen: 4.452 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 83 Resp: 124093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.3 | 59.7 | 89.5 |
| 98 | 48.1 | 39.0 | 58.4 |



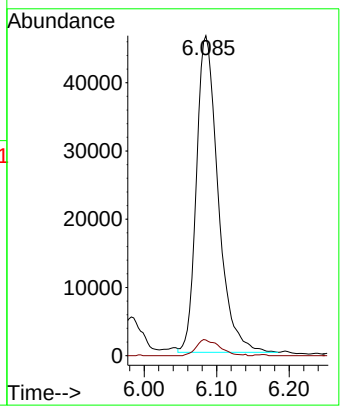


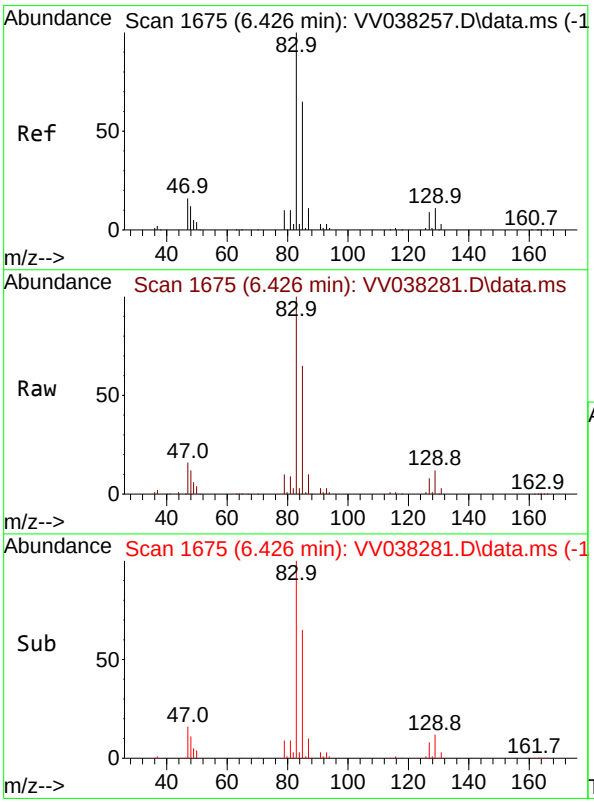

#37
1,2-Dichloropropane
Concen: 5.329 ug/L
RT: 6.085 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 63 Resp: 96478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 5.5 | 3.9 | 5.9 |

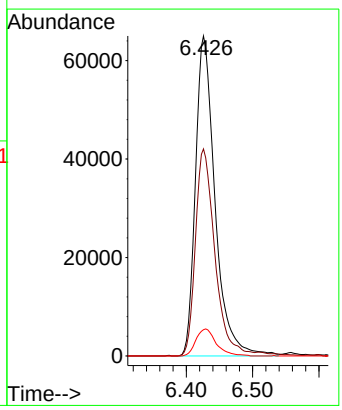


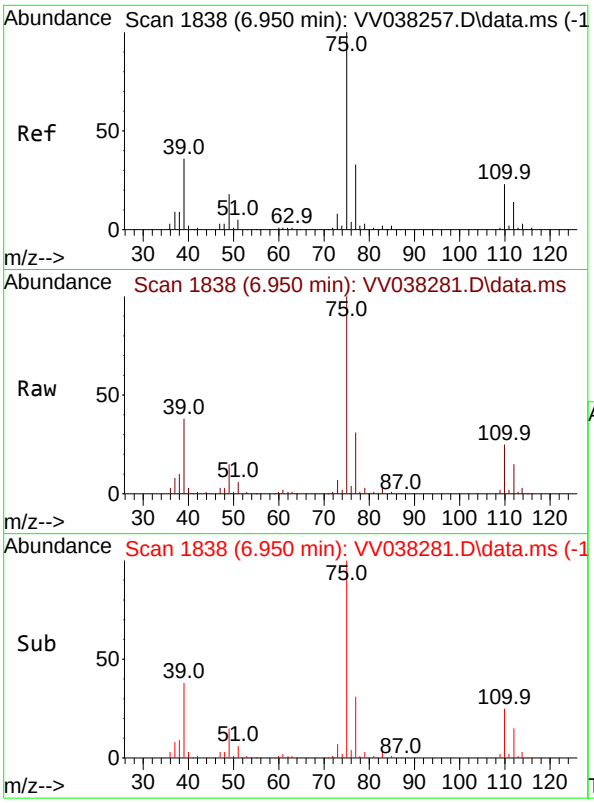




#38
Bromodichloromethane
Concen: 5.482 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 83 Resp: 133399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 43.9 | 81.5 |
| 127 | 8.2 | 6.7 | 10.1 |



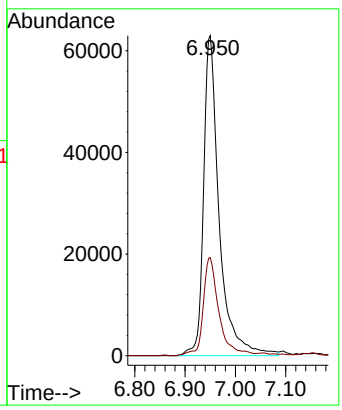


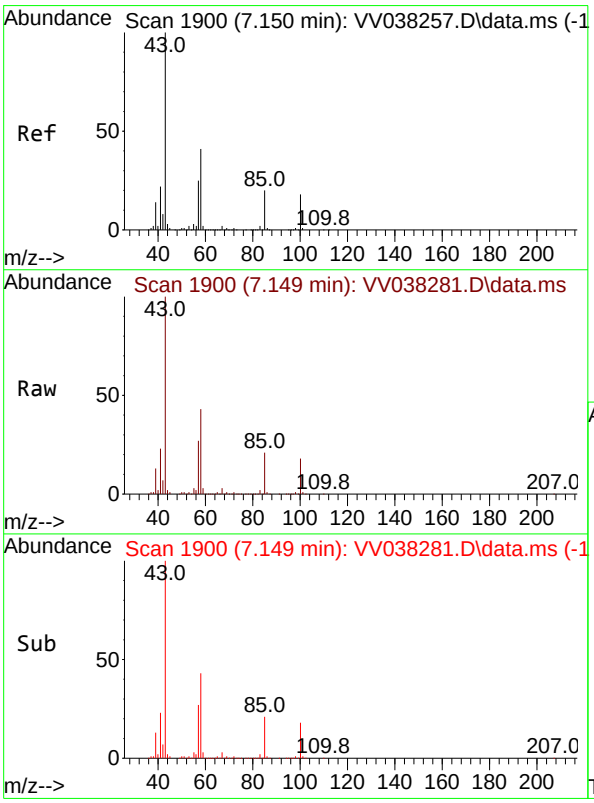

#39
cis-1,3-Dichloropropene
Concen: 5.369 ug/L
RT: 6.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 75 Resp: 135682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 23.4 | 43.6 |

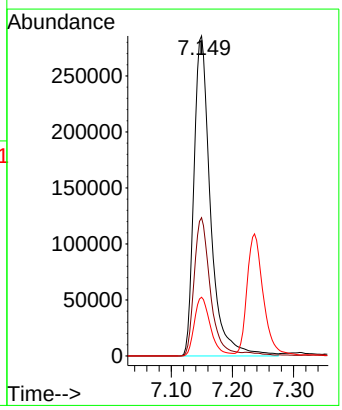


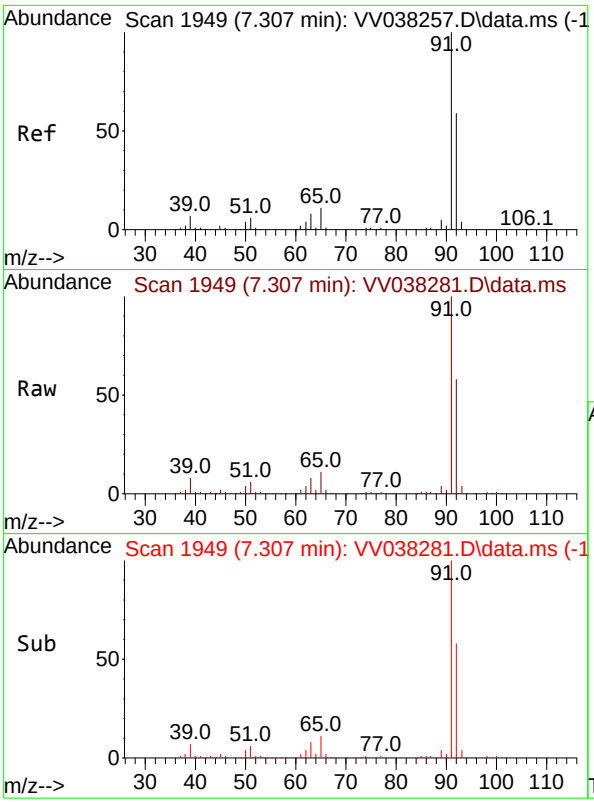




#40
4-Methyl-2-pentanone
Concen: 56.894 ug/L
RT: 7.149 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 43 Resp: 539091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.9 | 33.4 | 50.2 |
| 100 | 17.7 | 14.3 | 21.5 |



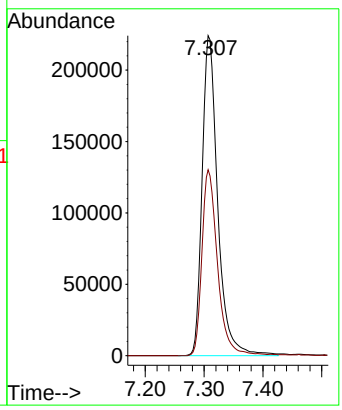


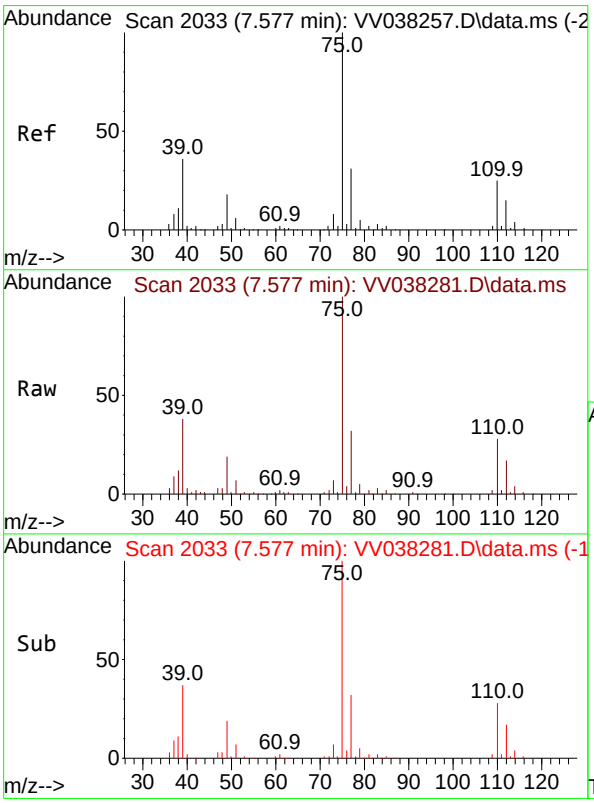

#42
Toluene
Concen: 5.386 ug/L
RT: 7.307 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 91 Resp: 412260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.1 | 40.8 | 75.8 |

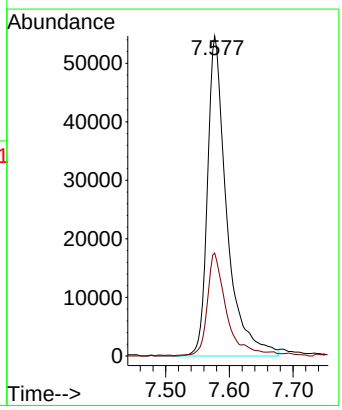


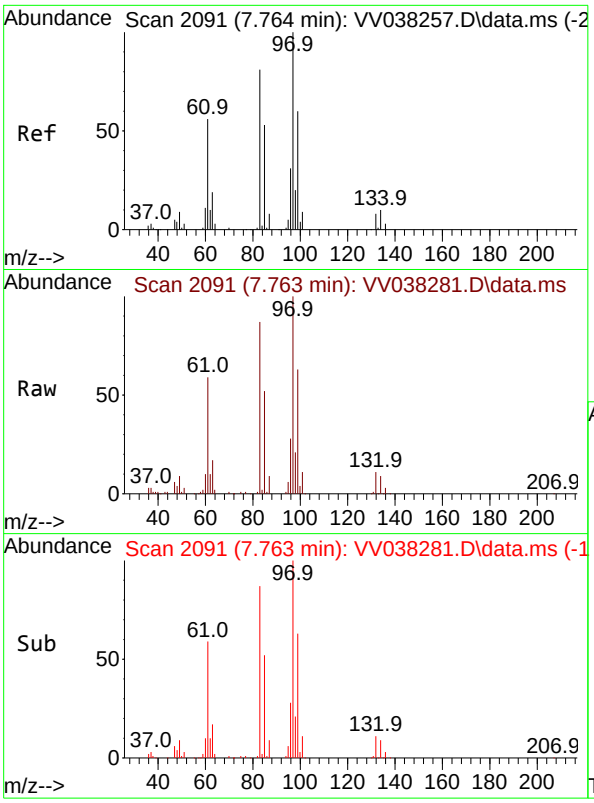




#44
trans-1,3-Dichloropropene
Concen: 5.386 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 75 Resp: 114974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 23.4 | 43.4 |



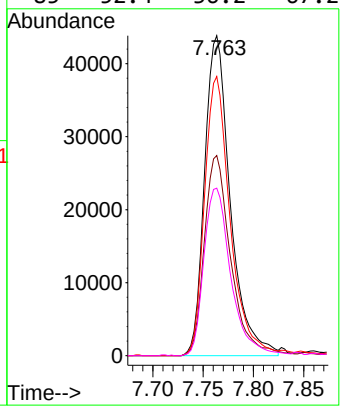


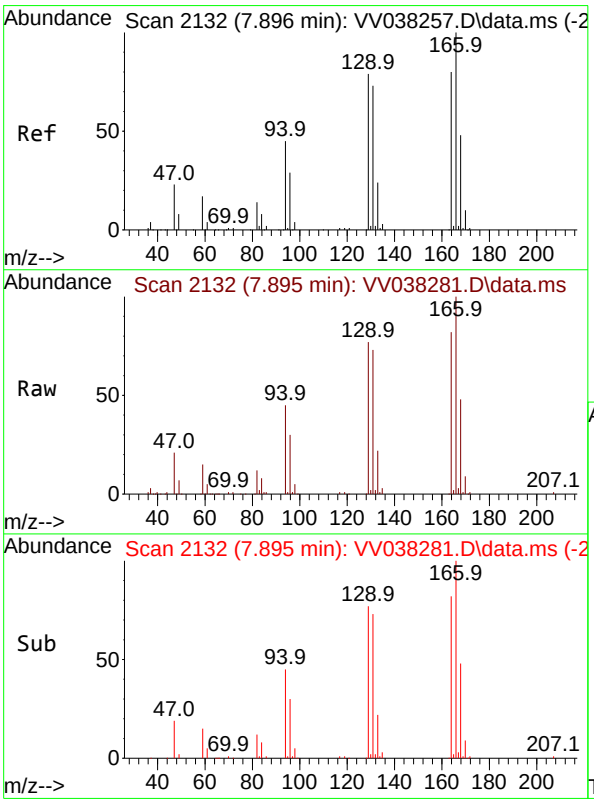

#45
1,1,2-Trichloroethane
Concen: 5.323 ug/L
RT: 7.763 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 97 Resp: 78155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.5 | 41.9 | 77.7 |
| 83 | 87.3 | 57.7 | 107.1 |
| 85 | 52.4 | 36.2 | 67.2 |

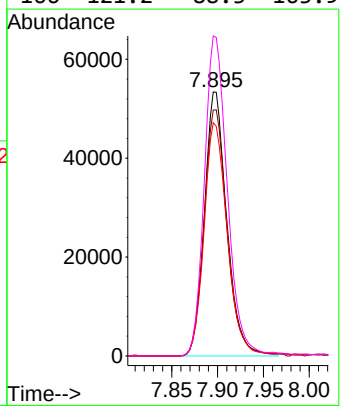


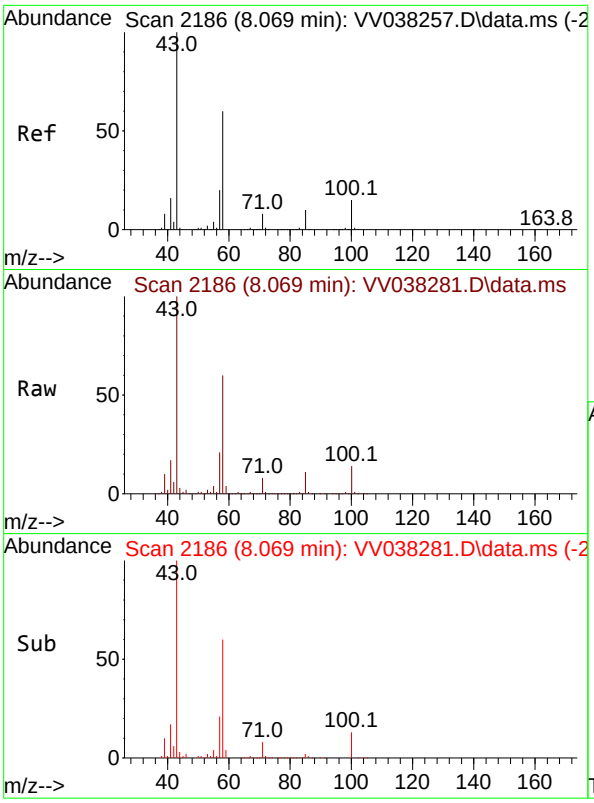




#47
Tetrachloroethene
Concen: 5.739 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:164 Resp: 90868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.2 | 68.5 | 127.1 |
| 131 | 88.3 | 64.8 | 120.4 |
| 166 | 121.2 | 88.3 | 163.9 |



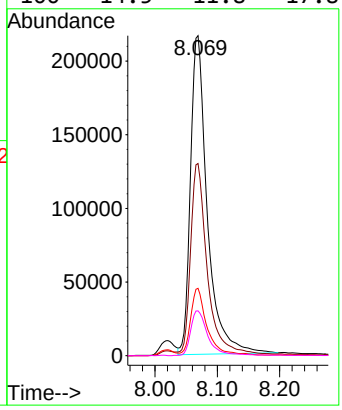


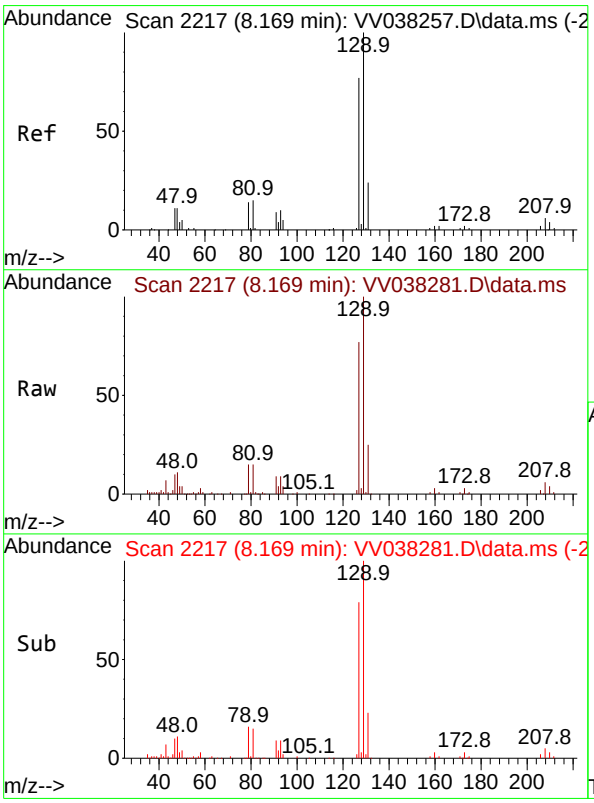

#48
2-Hexanone
Concen: 59.150 ug/L
RT: 8.069 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 43 Resp: 406428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 59.0 | 49.2 | 73.8 |
| 57 | 20.5 | 16.9 | 25.3 |
| 100 | 14.5 | 11.8 | 17.8 |

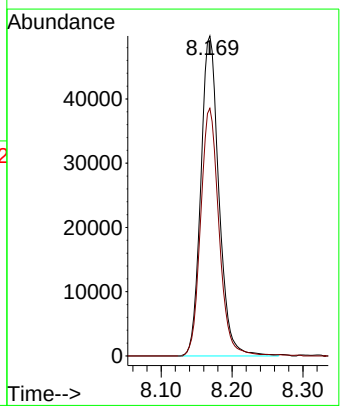


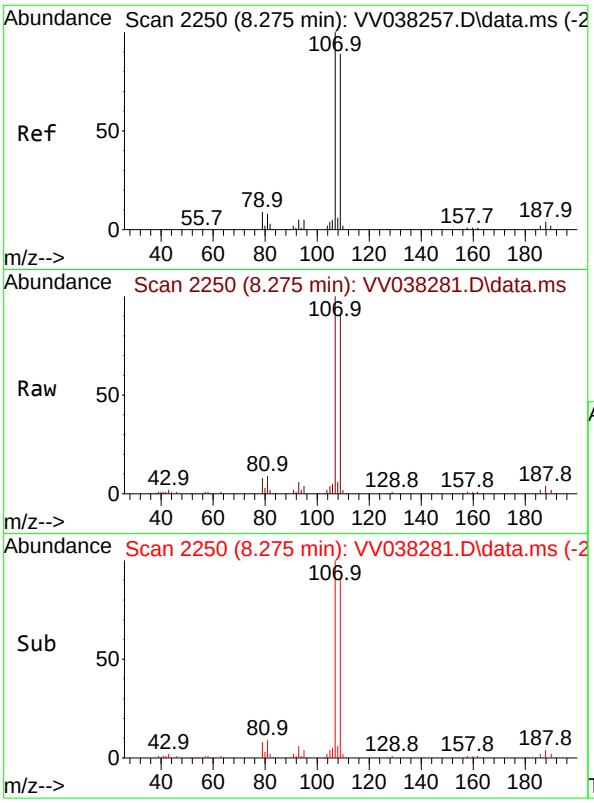




#49
Dibromochloromethane
Concen: 5.523 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:129 Resp: 88411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 53.5 | 99.3 |



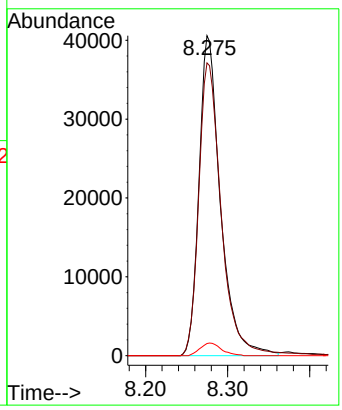


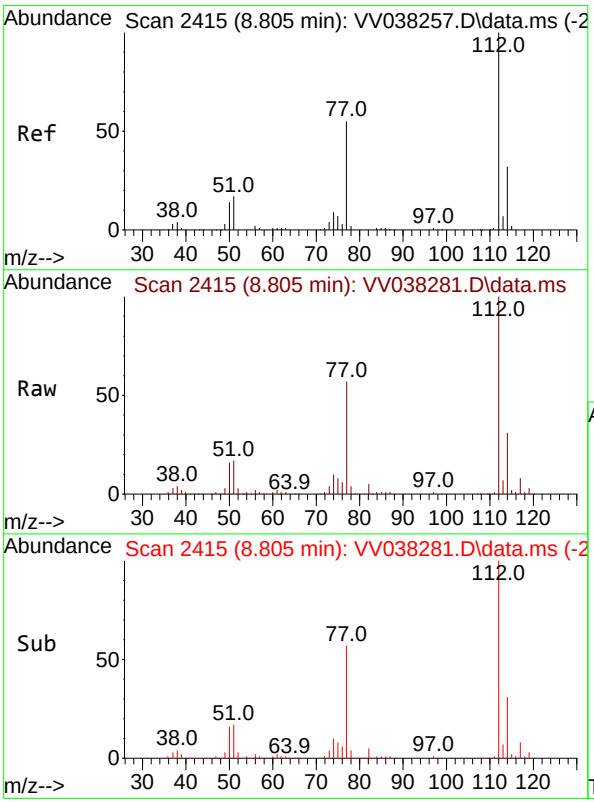

#50
1,2-Dibromoethane
Concen: 5.413 ug/L
RT: 8.275 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:107 Resp: 73677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.5 | 66.1 | 122.7 |
| 188 | 3.8 | 2.6 | 3.8 |

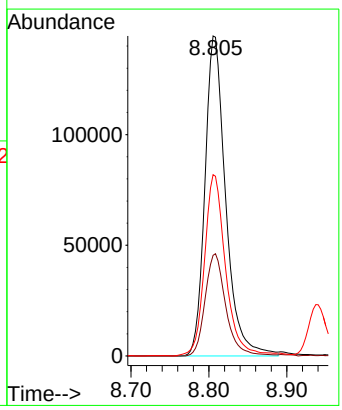


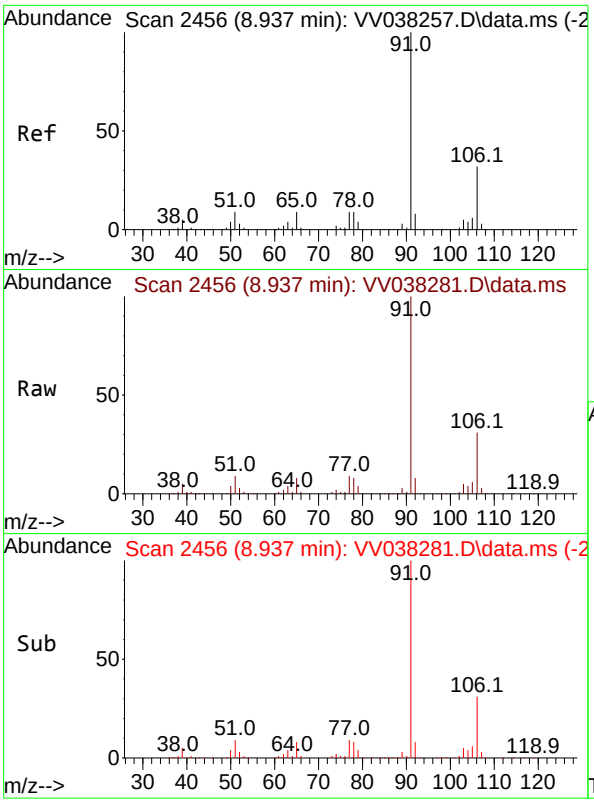




#51
Chlorobenzene
Concen: 5.083 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:112 Resp: 268092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.4 | 22.0 | 40.8 |
| 77 | 56.6 | 45.0 | 67.4 |



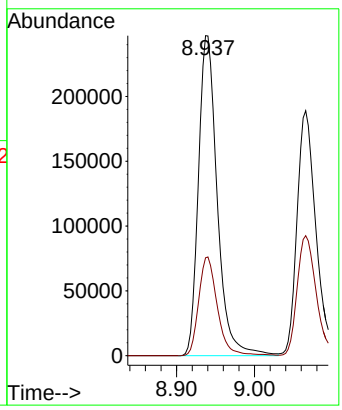


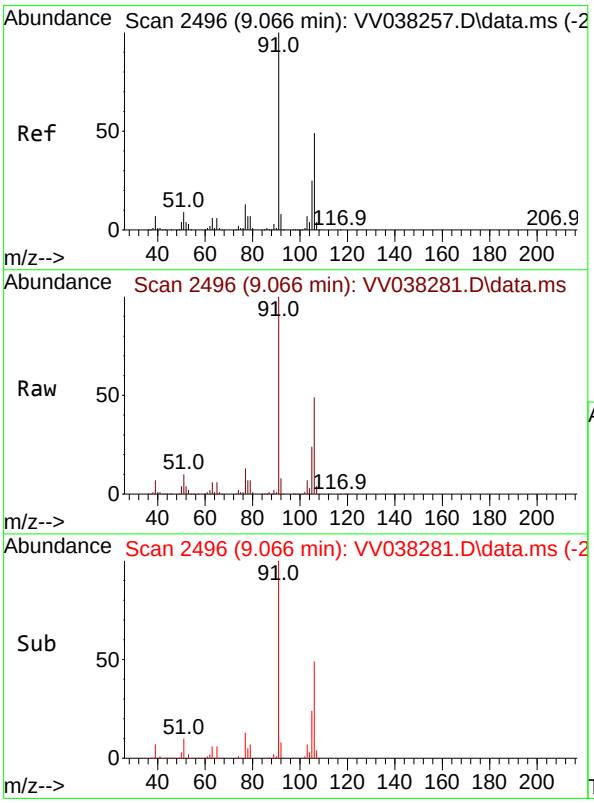

#52
Ethylbenzene
Concen: 5.098 ug/L
RT: 8.937 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 91 Resp: 414014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 21.8 | 40.4 |

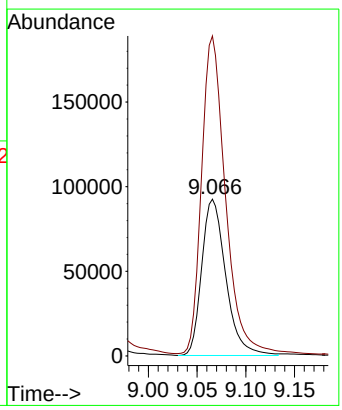


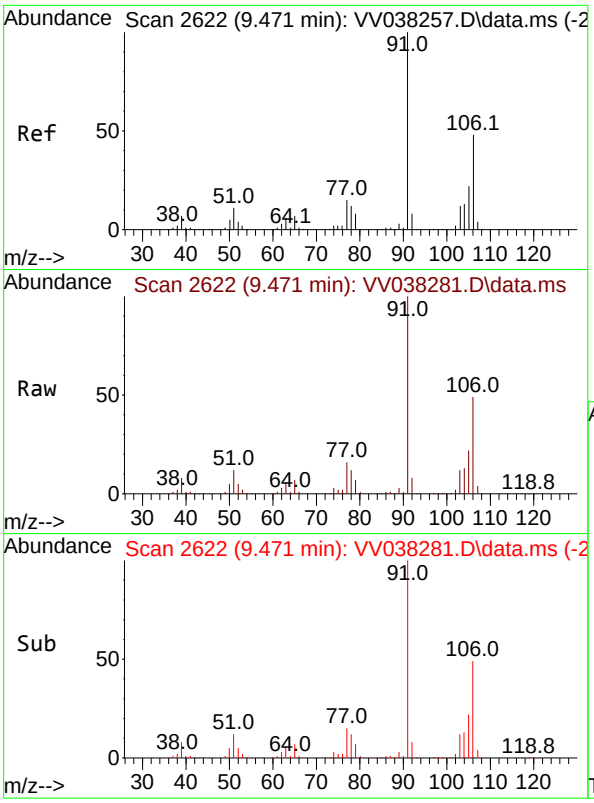




#53
m,p-Xylene
Concen: 5.174 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:106 Resp: 158554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.1 | 138.7 | 257.5 |



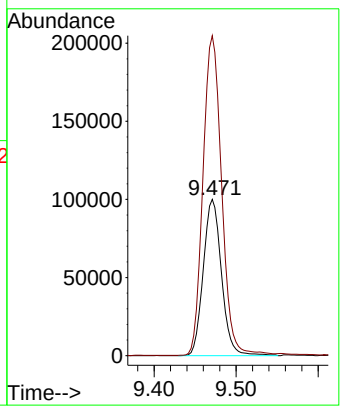


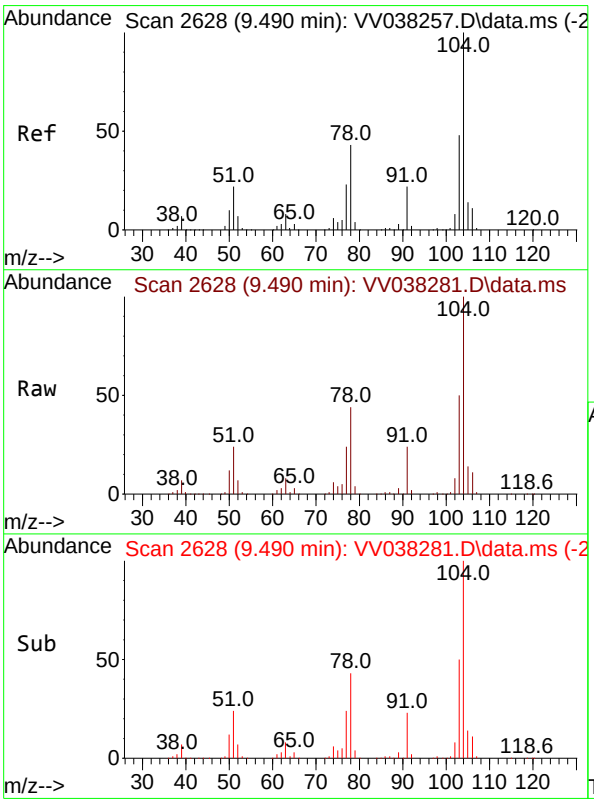

#54
o-Xylene
Concen: 5.178 ug/L
RT: 9.471 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:106 Resp: 154456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.7 | 155.5 | 288.7 |

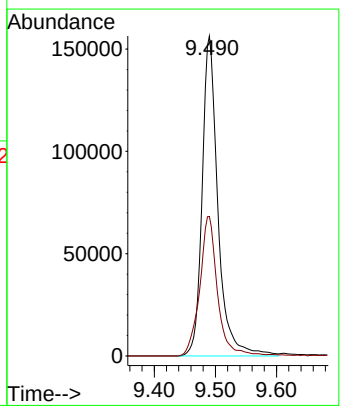


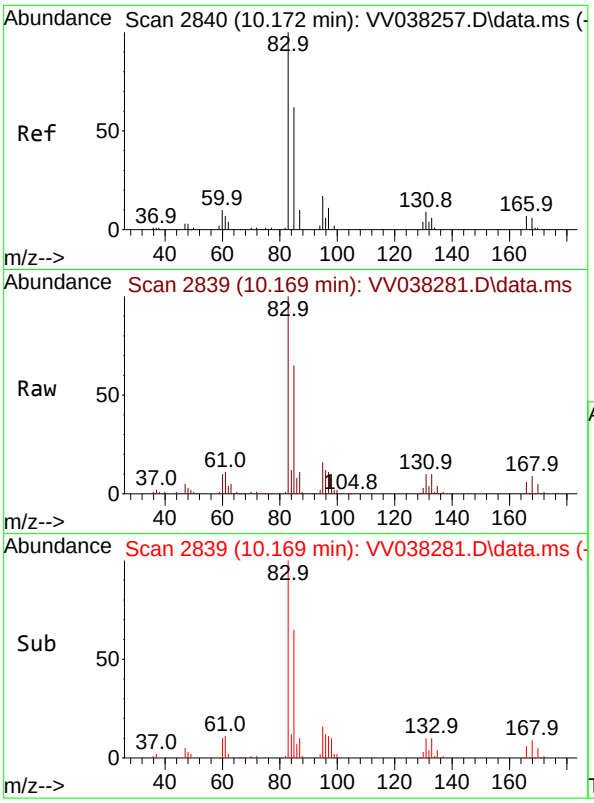




#55
Styrene
Concen: 5.338 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:104 Resp: 280696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.6 | 29.7 | 55.1 |



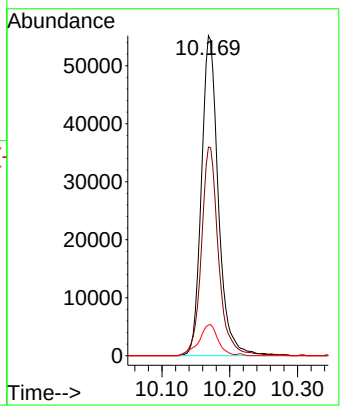


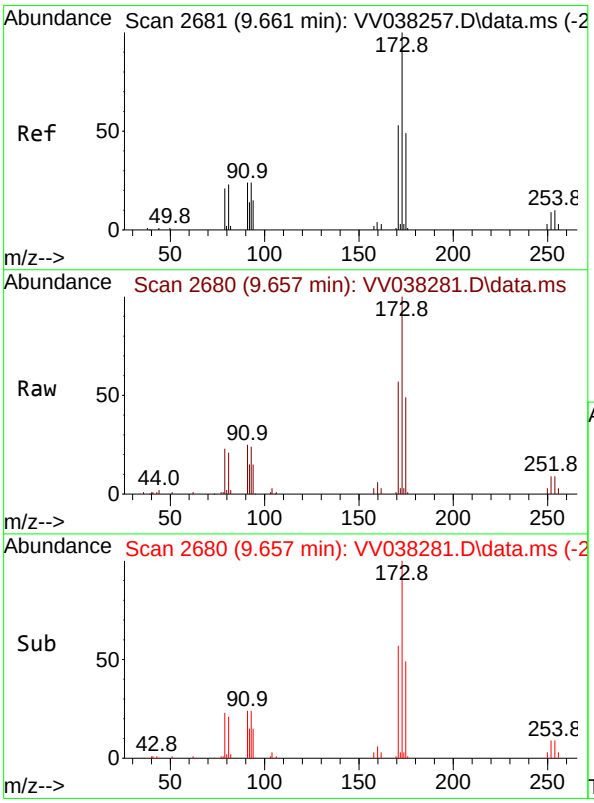

#57
1,1,2,2-Tetrachloroethane
Concen: 5.576 ug/L
RT: 10.169 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion: 83 Resp: 95728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 45.7 | 84.9 |
| 131 | 9.6 | 8.2 | 12.4 |

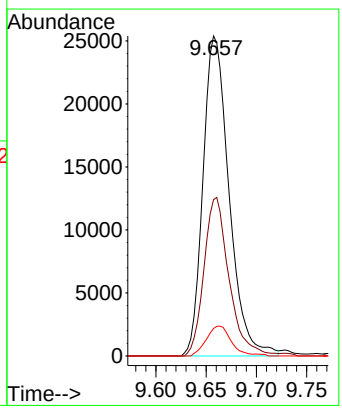


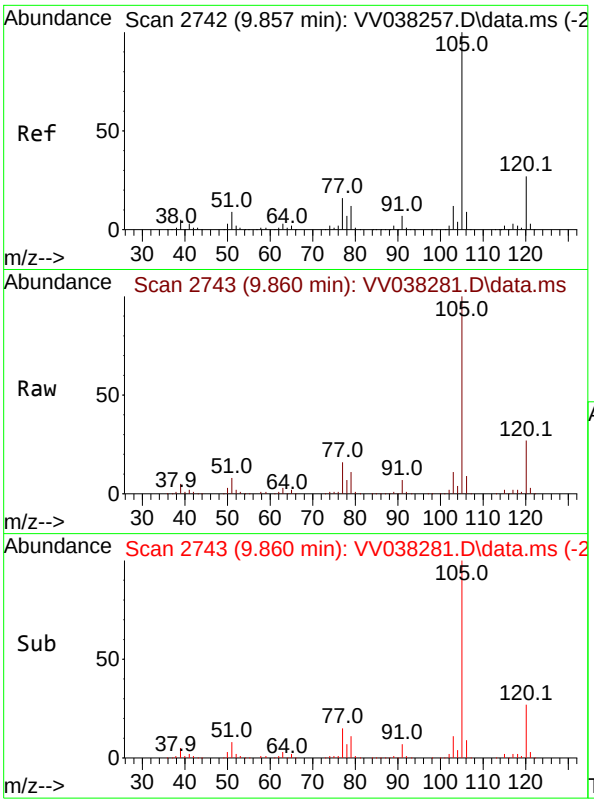




#59
Bromoform
Concen: 5.525 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:173 Resp: 45787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.6 | 38.5 | 57.7 |
| 254 | 9.0 | 6.9 | 10.3 |



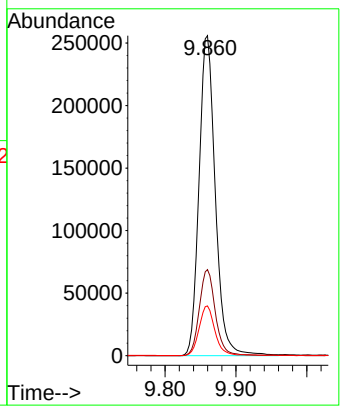


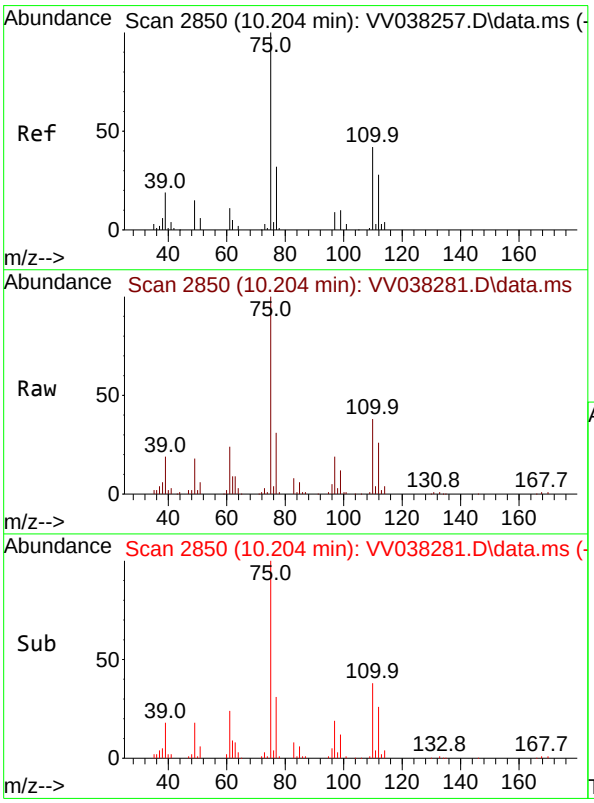

#60
Isopropylbenzene
Concen: 4.972 ug/L
RT: 9.860 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:105 Resp: 407823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 20.8 | 31.2 |
| 77 | 14.9 | 12.2 | 18.2 |

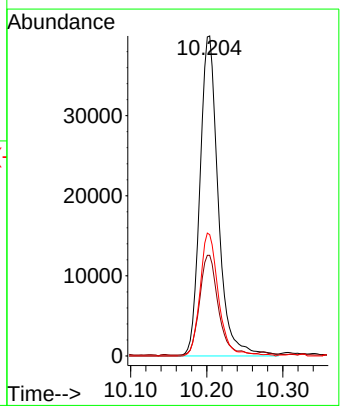


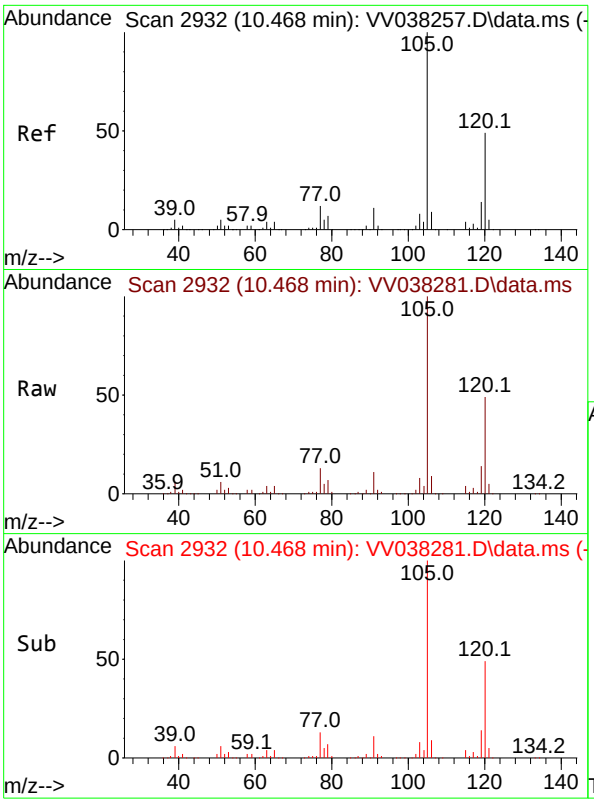




#61
1,2,3-Trichloropropane
Concen: 5.488 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 75 Resp: 66910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.4 | 39.6 |
| 110 | 38.8 | 32.3 | 48.5 |



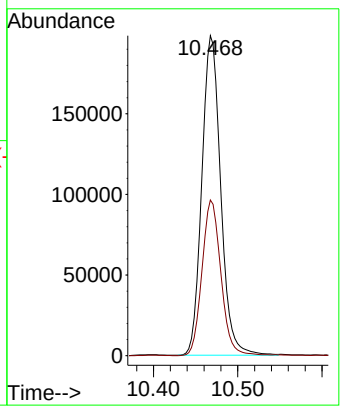


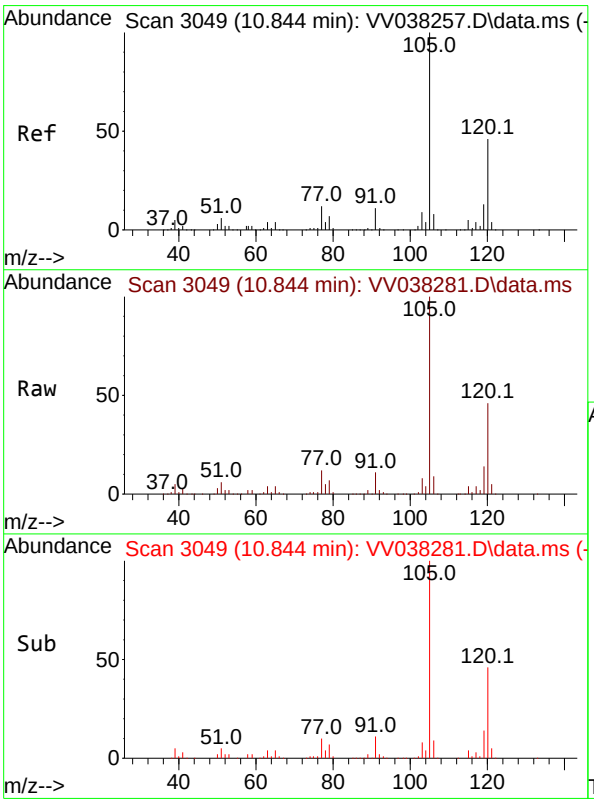

#62
1,3,5-Trimethylbenzene
Concen: 4.754 ug/L
RT: 10.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:105 Resp: 309395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.9 | 39.2 | 58.8 |

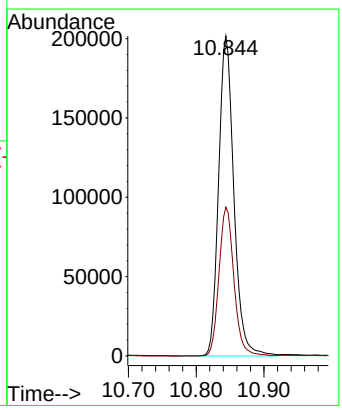


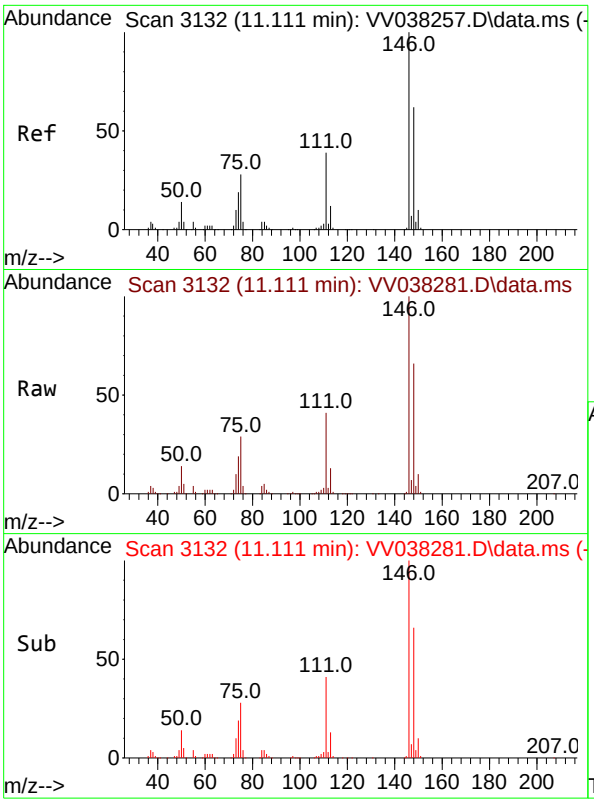




#63
1,2,4-Trimethylbenzene
Concen: 4.853 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:105 Resp: 314969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.6 | 37.0 | 55.4 |



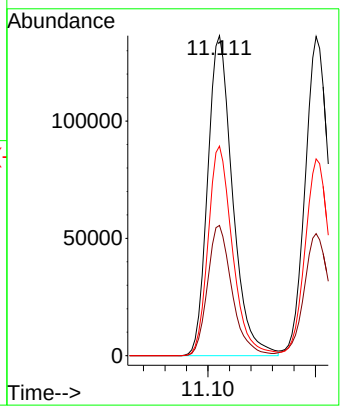


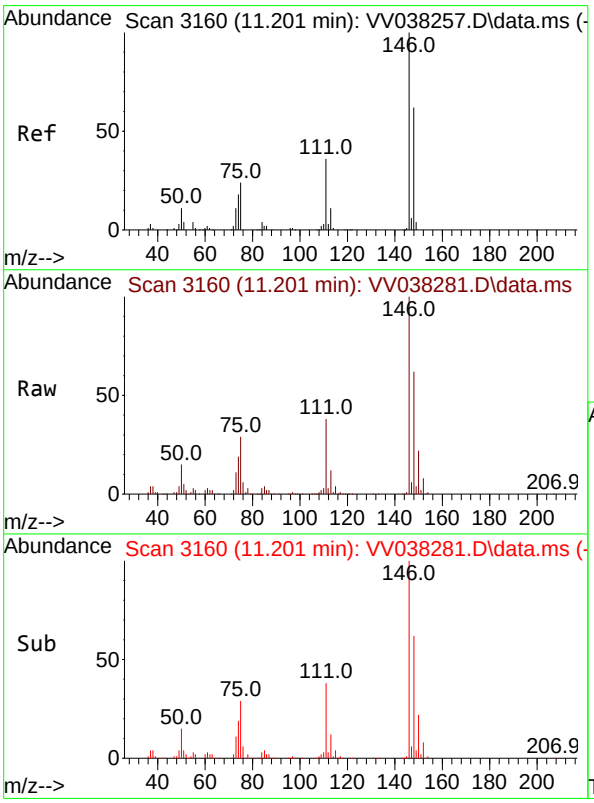

#64
1,3-Dichlorobenzene
Concen: 4.987 ug/L
RT: 11.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:146 Resp: 219627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 28.2 | 52.4 |
| 148 | 65.5 | 44.2 | 82.2 |

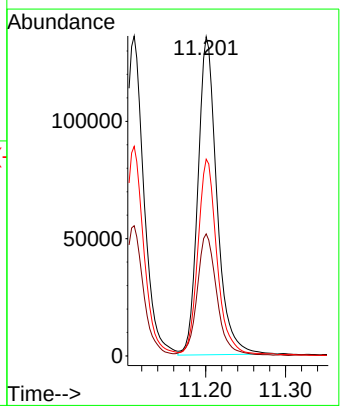


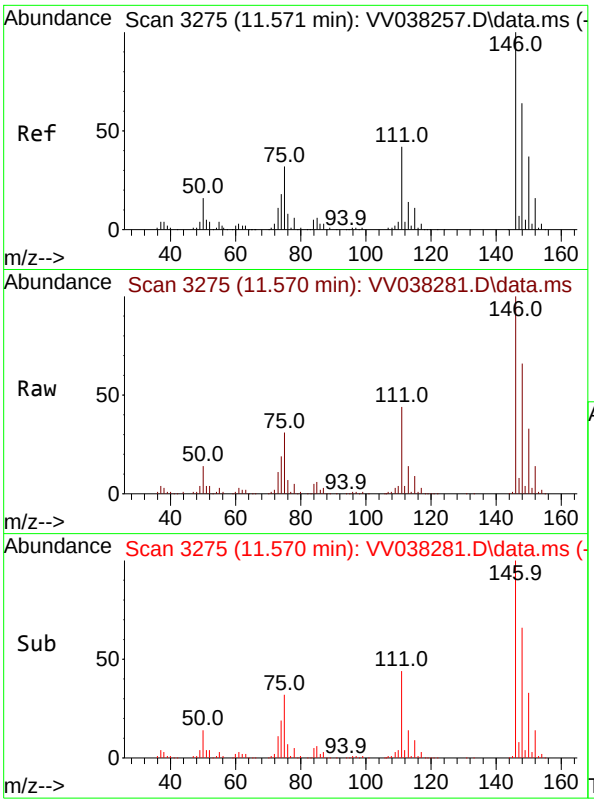




#65
1,4-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:146 Resp: 224067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 27.4 | 50.8 |
| 148 | 61.6 | 44.4 | 82.4 |



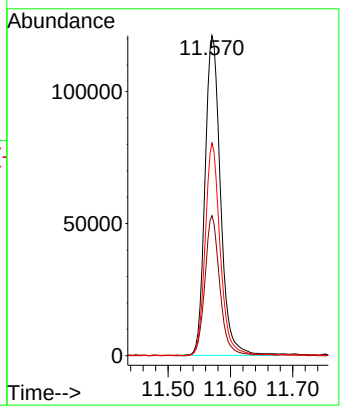


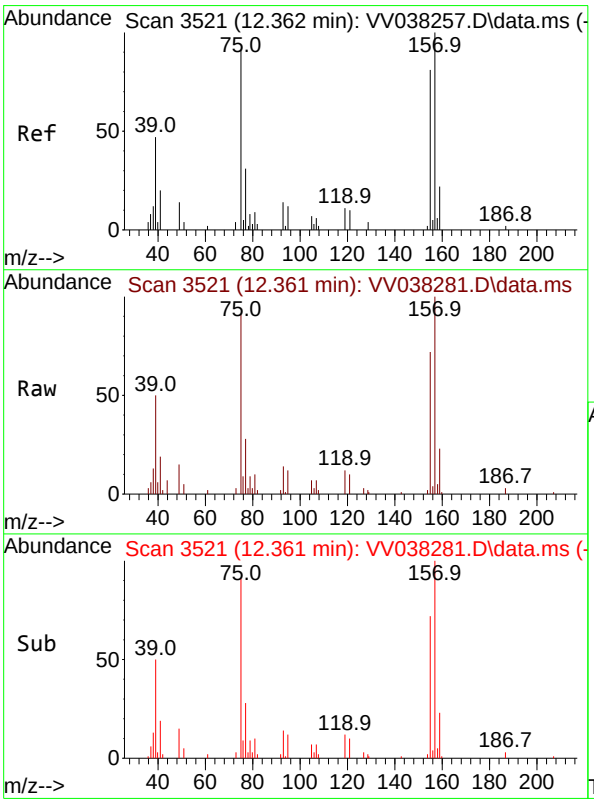

#67
1,2-Dichlorobenzene
Concen: 5.128 ug/L
RT: 11.570 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:146 Resp: 209013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.8 | 34.2 | 51.2 |
| 148 | 66.4 | 51.0 | 76.4 |

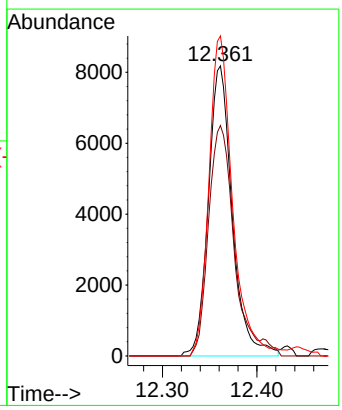


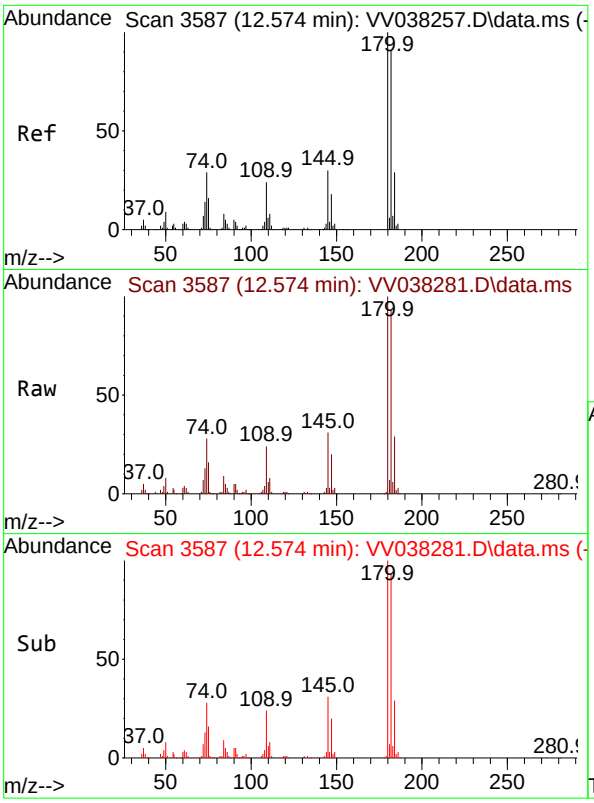




#68
1,2-Dibromo-3-chloropropane
Concen: 5.243 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion: 75 Resp: 14349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 79.4 | 67.5 | 101.3 |
| 157 | 110.3 | 82.7 | 124.1 |



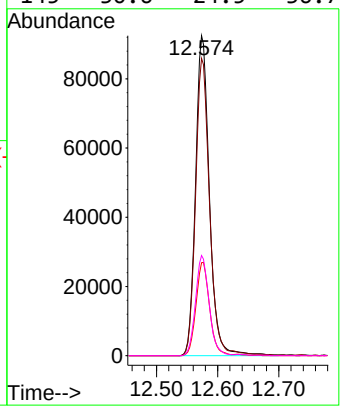


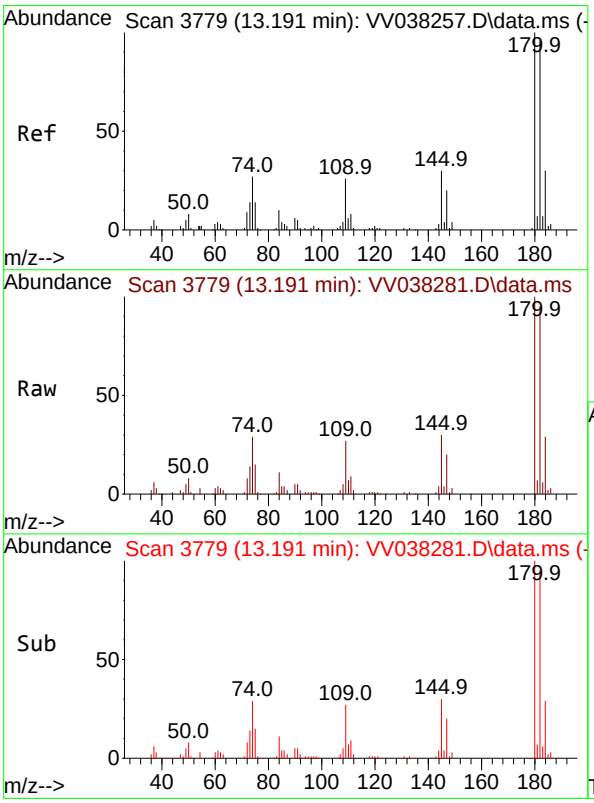

#69
1,3,5-Trichlorobenzene
Concen: 4.682 ug/L
RT: 12.574 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:180 Resp: 146062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.9 | 76.0 | 114.0 |
| 184 | 28.4 | 23.7 | 35.5 |
| 145 | 30.6 | 24.5 | 36.7 |

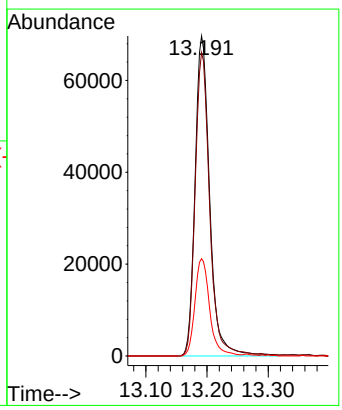


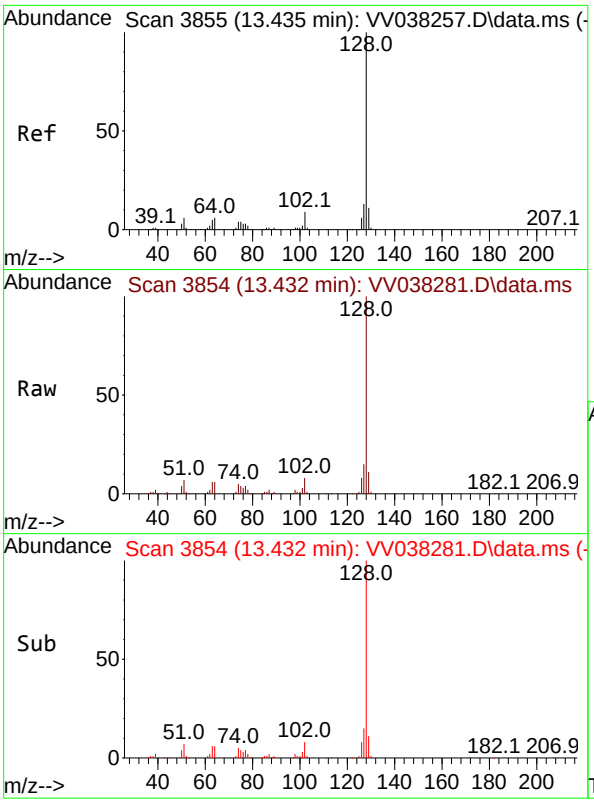




#70
1,2,4-trichlorobenzene
Concen: 4.494 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:180 Resp: 115904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 73.8 | 110.8 |
| 145 | 30.6 | 24.6 | 37.0 |



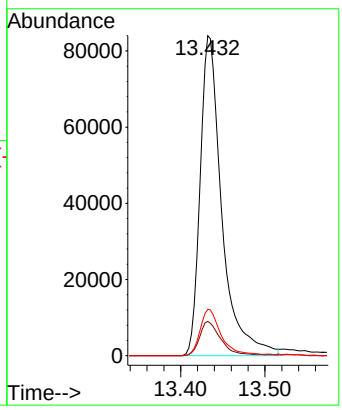


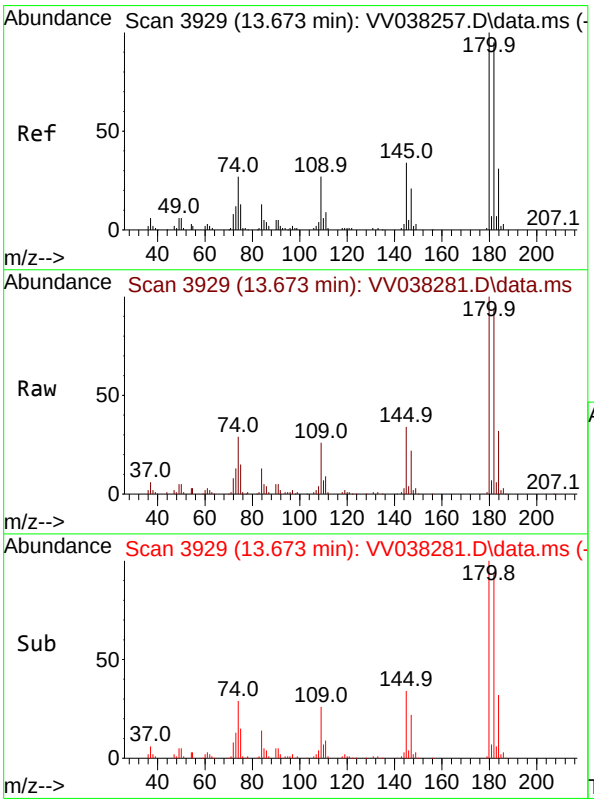

#71
Naphthalene
Concen: 3.752 ug/L
RT: 13.432 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

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

Tgt Ion:128 Resp: 150524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 8.5 | 12.7 |
| 127 | 14.1 | 10.1 | 15.1 |




#72
1,2,3-Trichlorobenzene
Concen: 4.407 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV038281.D
Acq: 22 Nov 2024 19:54

Tgt Ion:180 Resp: 104999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 75.1 | 112.7 |
| 145 | 33.2 | 27.0 | 40.4 |