Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
Data File : VU061293.D
Acq On : 30 Oct 2024 09:24
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 31 22:47:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 29 22:33:34 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 275972 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 253276 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 122144 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 90084 | 46.474 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 92.940% | | | |
| 7) Chloroethane-d5 | 1.904 | 69 | 79897 | 47.128 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.260% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 63 | 169392 | 47.497 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 95.000% | | | |
| 21) 2-Butanone-d5 | 4.615 | 46 | 146791 | 91.809 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 91.810% | | | |
| 24) Chloroform-d | 5.052 | 84 | 200328 | 48.832 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.660% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 125974 | 48.239 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.480% | | | |
| 32) Benzene-d6 | 5.718 | 84 | 404563 | 49.886 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.780% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 125085 | 50.404 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.800% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 376258 | 49.835 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.660% | | | |
| 43) trans-1,3-Dichloroprop... | 8.171 | 79 | 63943 | 51.541 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 103.080% | | | |
| 47) 2-Hexanone-d5 | 8.624 | 63 | 118328 | 94.249 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 94.250% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 184400 | 47.212 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 94.420% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.183 | 152 | 132520 | 49.010 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.020% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.383 | 85 | 97275 | 50.555 | ug/L | 100 |
| 3) Chloromethane | 1.518 | 50 | 85488 | 47.213 | ug/L | 100 |
| 5) Vinyl chloride | 1.602 | 62 | 94909 | 48.474 | ug/L | 100 |
| 6) Bromomethane | 1.846 | 94 | 67970 | 46.891 | ug/L | 98 |
| 8) Chloroethane | 1.927 | 64 | 59846 | 46.732 | ug/L | 100 |
| 9) Trichlorofluoromethane | 2.132 | 101 | 135556 | 49.535 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573 | 101 | 81725 | 51.657 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 72254 | 47.945 | ug/L | 89 |
| 13) Acetone | 2.621 | 43 | 124542 | 105.725 | ug/L | 99 |
| 14) Carbon disulfide | 2.785 | 76 | 233010 | 50.574 | ug/L | 99 |
| 15) Methyl Acetate | 2.943 | 43 | 87955 | 47.473 | ug/L | 98 |
| 16) Methylene chloride | 3.036 | 84 | 89635 | 48.097 | ug/L | 98 |
| 17) trans-1,2-Dichloroethene | 3.345 | 96 | 82321 | 49.991 | ug/L | 98 |
| 18) Methyl tert-butyl Ether | 3.354 | 73 | 272296 | 47.953 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 3.859 | 63 | 154774 | 49.045 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.656 | 96 | 94606 | 48.314 | ug/L | 97 |
| 22) 2-Butanone | 4.695 | 43 | 148592 | 98.615 | ug/L | 98 |
| 23) Bromochloromethane | 4.965 | 128 | 46945 | 46.810 | ug/L | 88 |
| 25) Chloroform | 5.078 | 83 | 162235 | 48.113 | ug/L | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
Data File : VU061293.D
Acq On : 30 Oct 2024 09:24
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 31 22:47:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 29 22:33:34 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 5.785 | 62 | 130188 | 48.276 | ug/L | | 96 |
| 29) Cyclohexane | 5.380 | 56 | 145416 | 53.602 | ug/L | | 99 |
| 30) 1,1,1-Trichloroethane | 5.306 | 97 | 141304 | 50.861 | ug/L | | 98 |
| 31) Carbon tetrachloride | 5.515 | 117 | 122065 | 51.087 | ug/L | | 99 |
| 33) Benzene | 5.766 | 78 | 358191 | 49.900 | ug/L | | 100 |
| 34) Trichloroethene | 6.534 | 95 | 95285 | 50.720 | ug/L | | 99 |
| 35) Methylcyclohexane | 6.756 | 83 | 156366 | 53.848 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 6.782 | 63 | 94024 | 49.211 | ug/L | | 99 |
| 38) Bromodichloromethane | 7.097 | 83 | 123148 | 50.462 | ug/L | | 100 |
| 39) cis-1,3-Dichloropropene | 7.598 | 75 | 158103 | 51.916 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 7.782 | 43 | 252249 | 95.895 | ug/L | | 100 |
| 42) Toluene | 7.962 | 91 | 389144 | 49.791 | ug/L | | 100 |
| 44) trans-1,3-Dichloropropene | 8.203 | 75 | 145085 | 51.184 | ug/L | | 99 |
| 45) 1,1,2-Trichloroethane | 8.393 | 97 | 94347 | 49.138 | ug/L | | 99 |
| 46) Tetrachloroethene | 8.547 | 164 | 68595 | 50.794 | ug/L | | 98 |
| 48) 2-Hexanone | 8.676 | 43 | 208186 | 97.548 | ug/L | | 100 |
| 49) Dibromochloromethane | 8.801 | 129 | 94837 | 49.810 | ug/L | | 99 |
| 50) 1,2-Dibromoethane | 8.914 | 107 | 102448 | 48.287 | ug/L | | 99 |
| 51) Chlorobenzene | 9.441 | 112 | 248546 | 49.567 | ug/L | | 100 |
| 52) Ethylbenzene | 9.563 | 91 | 428491 | 50.641 | ug/L | | 99 |
| 53) m,p-Xylene | 9.685 | 106 | 165007 | 51.131 | ug/L | | 99 |
| 54) o-Xylene | 10.094 | 106 | 159138 | 49.695 | ug/L | | 97 |
| 55) Styrene | 10.106 | 104 | 264991 | 50.871 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83 | 157662 | 46.956 | ug/L | | 99 |
| 59) Bromoform | 10.283 | 173 | 70611 | 49.871 | ug/L | # | 97 |
| 60) 1,2,3-Trichloropropane | 10.814 | 75 | 124541 | 48.050 | ug/L | | 100 |
| 61) Isopropylbenzene | 10.476 | 105 | 416996 | 51.880 | ug/L | | 99 |
| 62) 1,3,5-Trimethylbenzene | 11.081 | 105 | 338559 | 51.884 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 11.460 | 105 | 335030 | 52.129 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 11.740 | 146 | 180157 | 50.152 | ug/L | | 98 |
| 65) 1,4-Dichlorobenzene | 11.830 | 146 | 185709 | 50.879 | ug/L | | 98 |
| 67) 1,2-Dichlorobenzene | 12.203 | 146 | 178732 | 49.324 | ug/L | | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75 | 34375 | 49.224 | ug/L | | 98 |
| 69) 1,3,5-Trichlorobenzene | 13.212 | 180 | 124272 | 51.619 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.833 | 180 | 109860 | 53.357 | ug/L | | 100 |
| 71) Naphthalene | 14.077 | 128 | 340037 | 51.426 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.322 | 180 | 104095 | 51.766 | ug/L | | 99 |

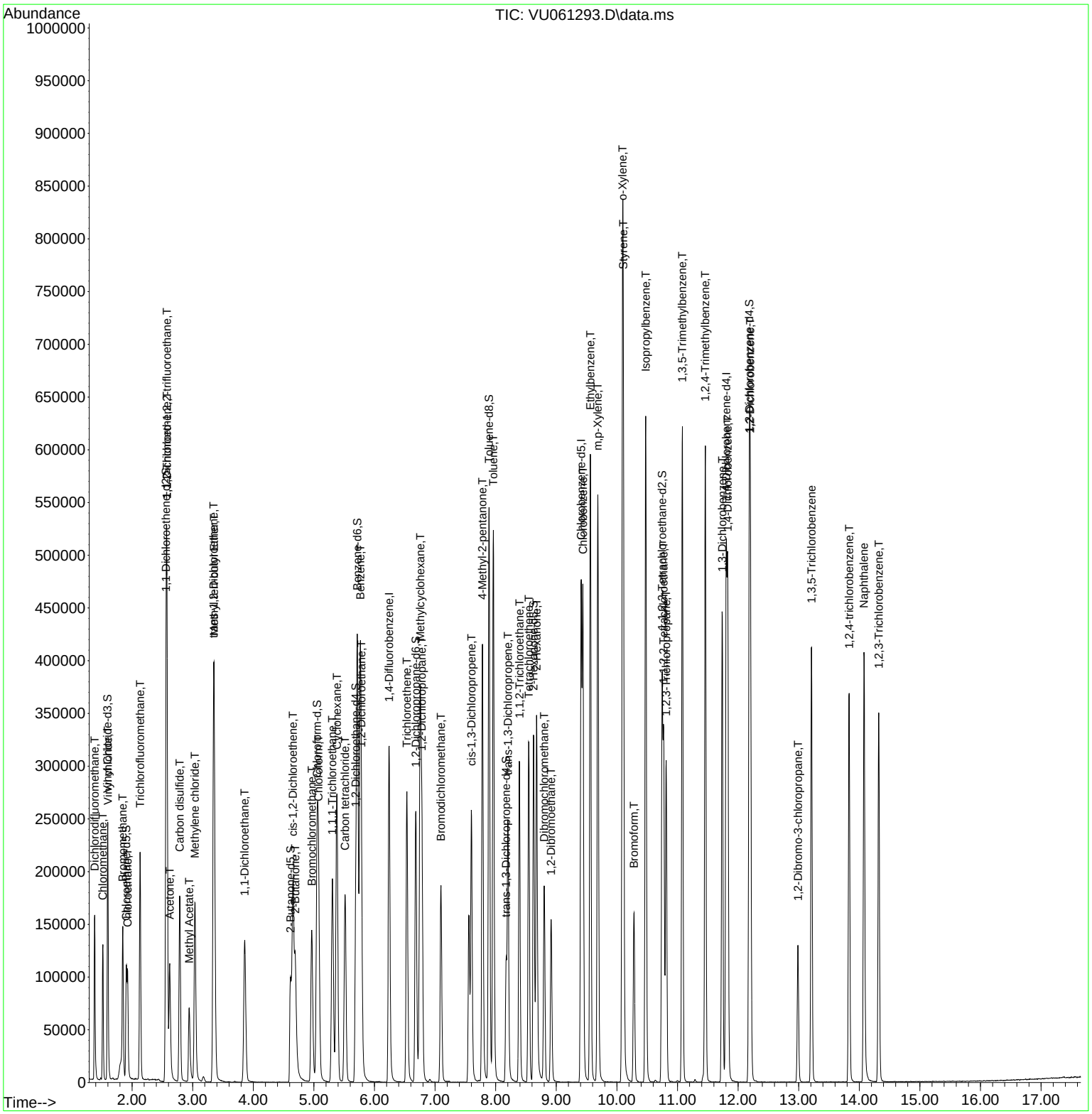
(#) = qualifier out of range (m) = manual integration (+) = signals summed

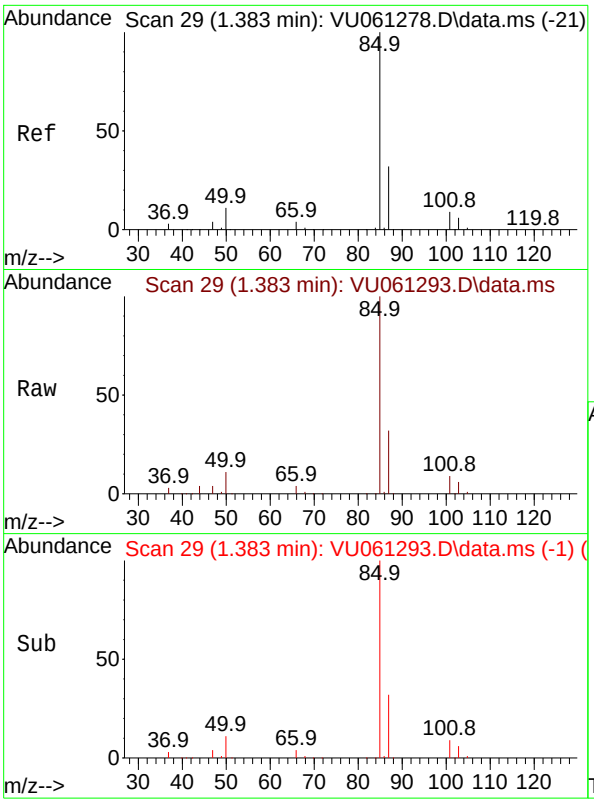
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
Data File : VU061293.D
Acq On : 30 Oct 2024 09:24
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 31 22:47:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 29 22:33:34 2024
Response via : Initial Calibration



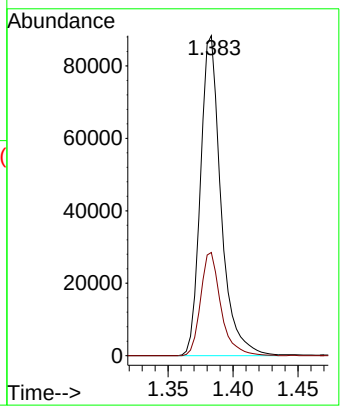


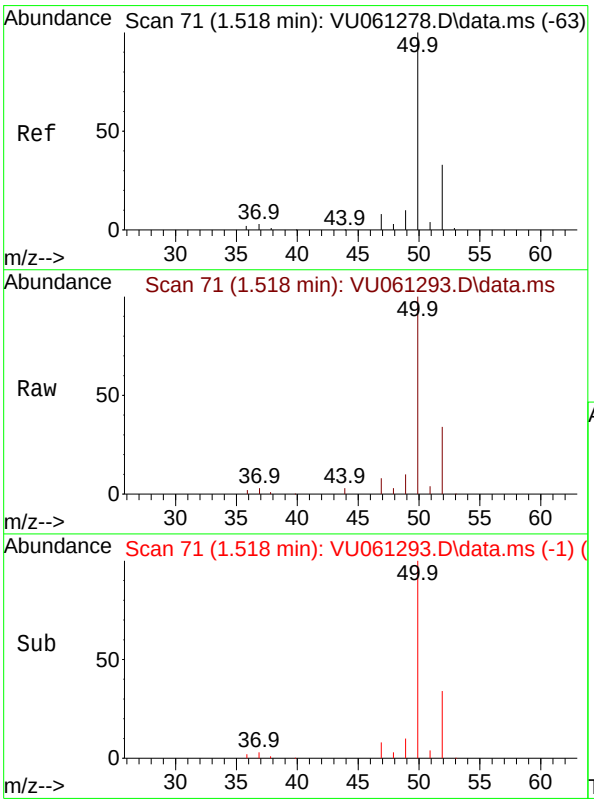

#2
Dichlorodifluoromethane
Concen: 50.555 ug/L
RT: 1.383 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 85 Resp: 97275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.9 | 25.7 | 38.5 |

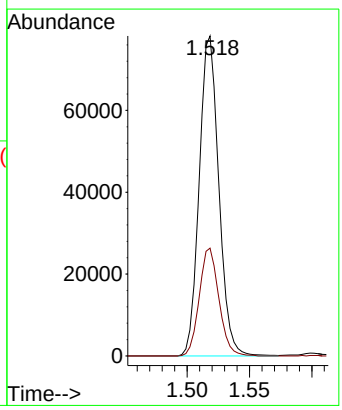


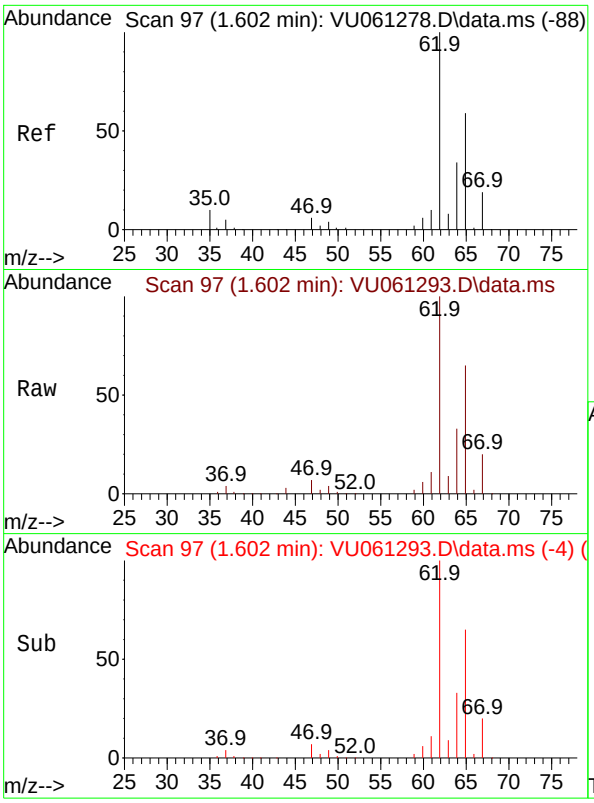




#3
Chloromethane
Concen: 47.213 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 50 Resp: 85488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 23.6 | 43.8 |



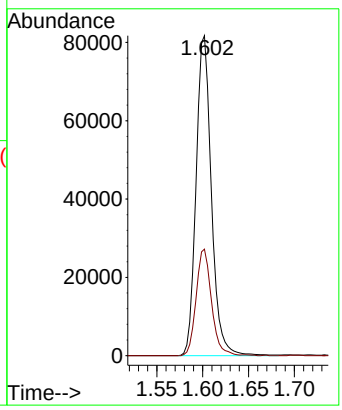


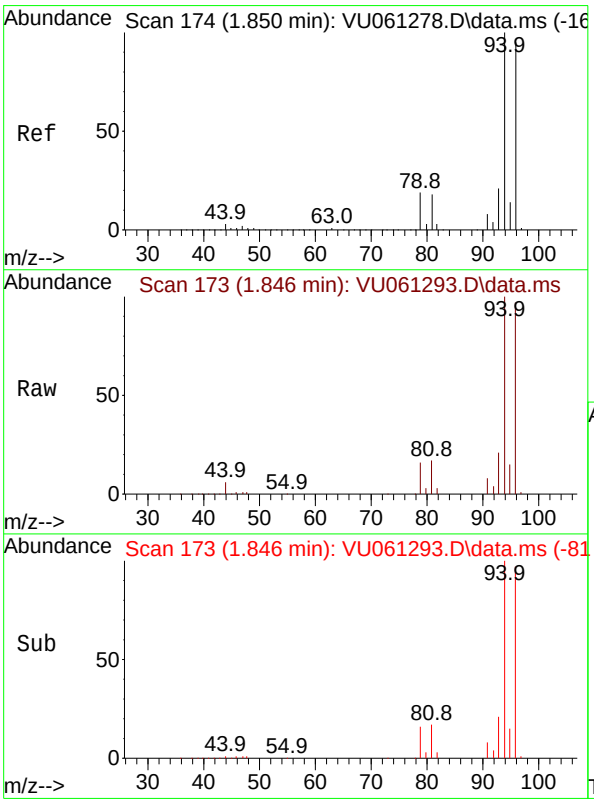

#5
Vinyl chloride
Concen: 48.474 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 62 Resp: 94909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.3 | 23.4 | 43.4 |

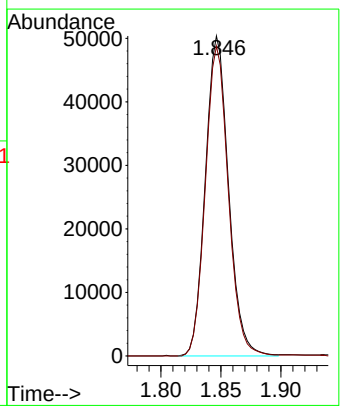


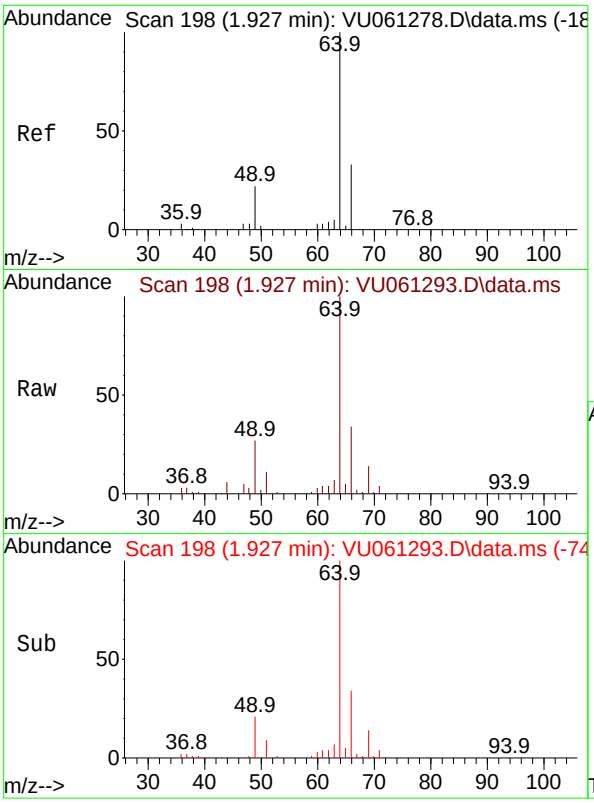




#6
Bromomethane
Concen: 46.891 ug/L
RT: 1.846 min Scan# 173
Delta R.T. -0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 94 Resp: 67970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.9 | 66.1 | 122.8 |



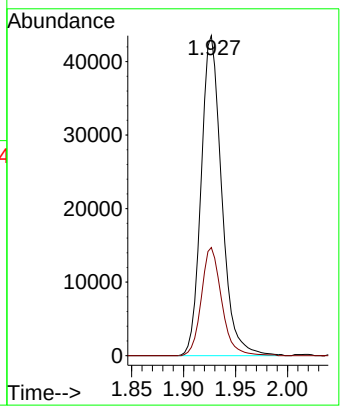


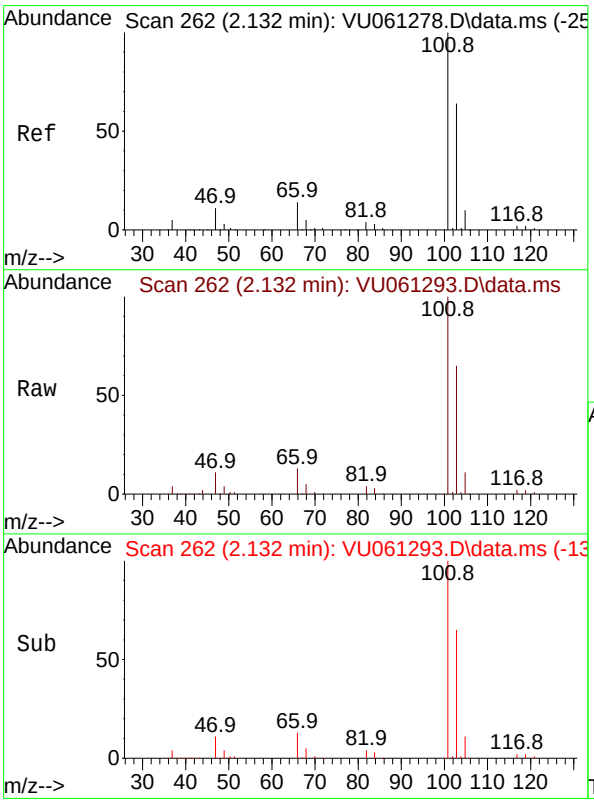

#8
Chloroethane
Concen: 46.732 ug/L
RT: 1.927 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 64 Resp: 59846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.8 | 23.6 | 43.8 |

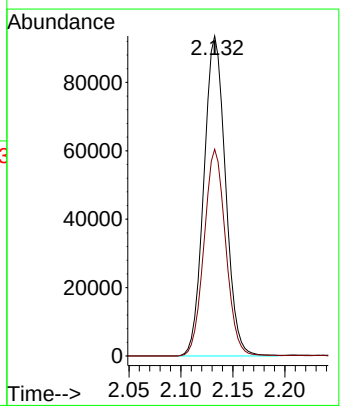


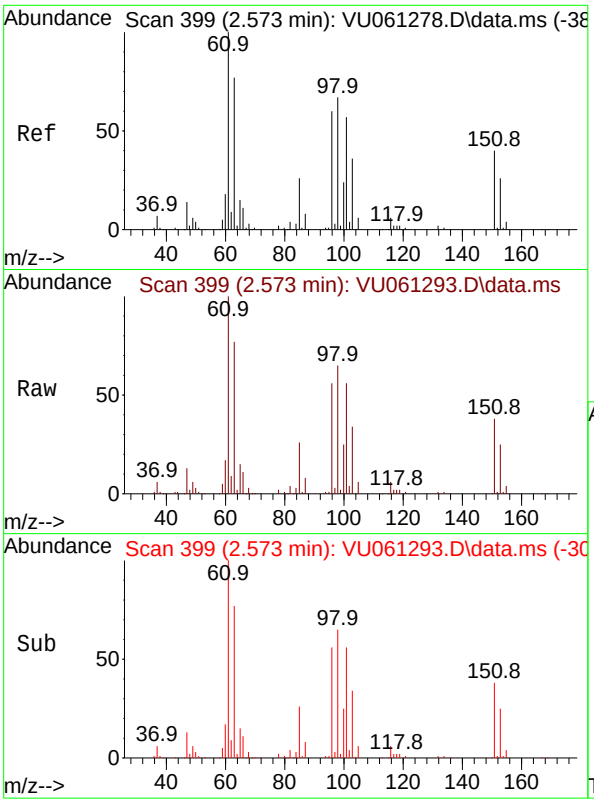




#9
Trichlorofluoromethane
Concen: 49.535 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:101 Resp: 135556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.6 | 51.6 | 77.4 |



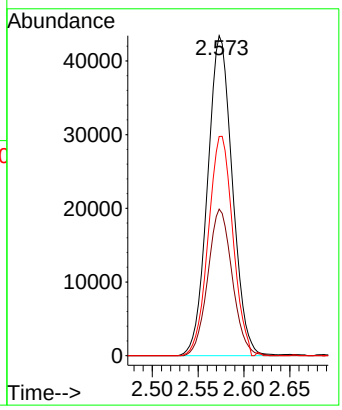


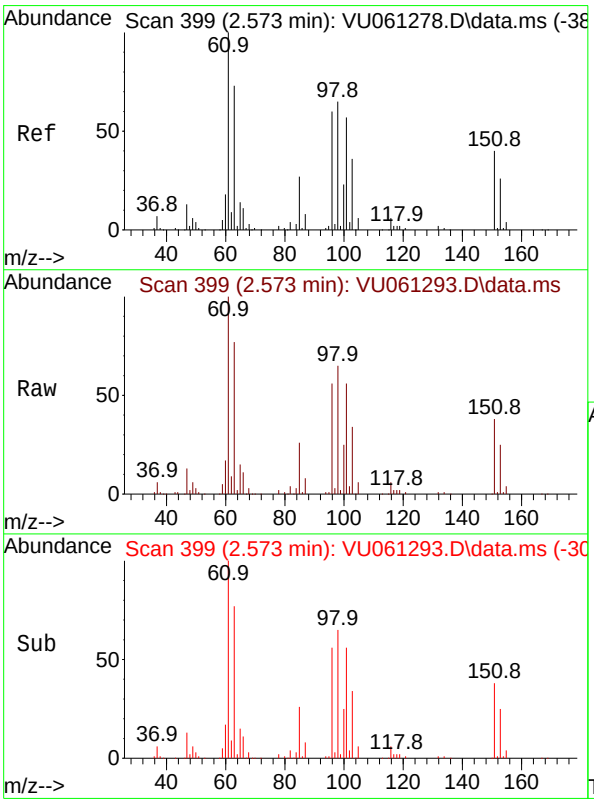

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.657 ug/L
RT: 2.573 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:101 Resp: 81725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.0 | 36.4 | 54.6 |
| 151 | 67.9 | 57.0 | 85.4 |

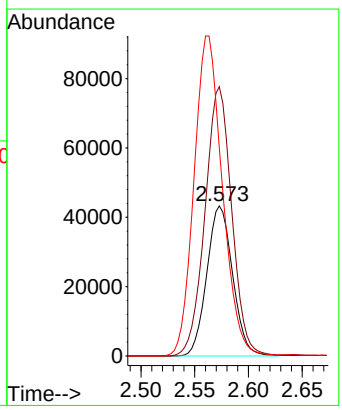


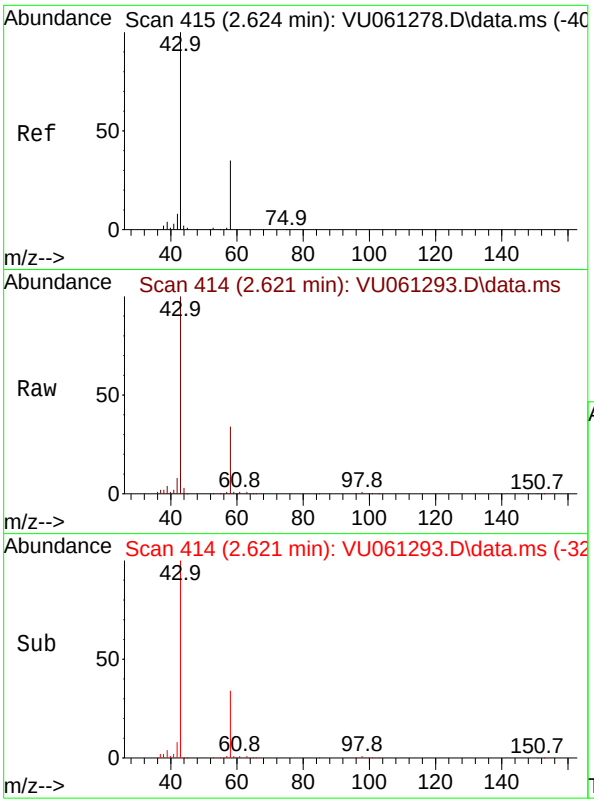




#12
1,1-Dichloroethene
Concen: 47.945 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 96 Resp: 72254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 179.4 | 117.1 | 217.5 |
| 63 | 138.4 | 86.6 | 160.8 |



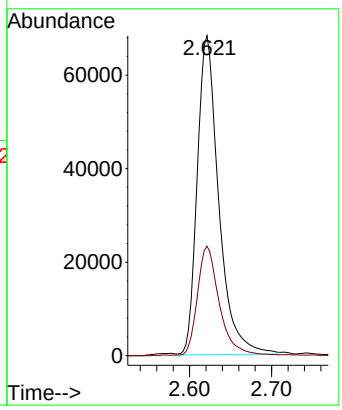


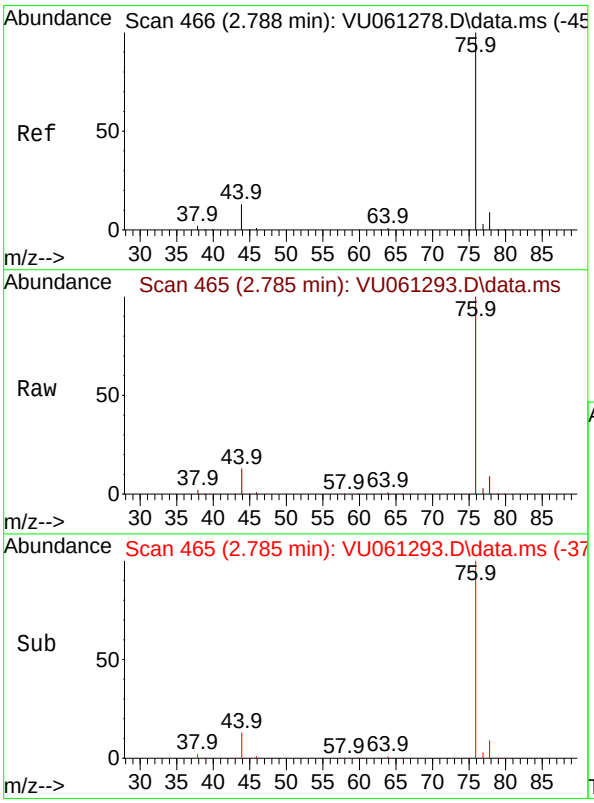

#13
Acetone
Concen: 105.725 ug/L
RT: 2.621 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 43 Resp: 124542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 0.0 | 68.2 |

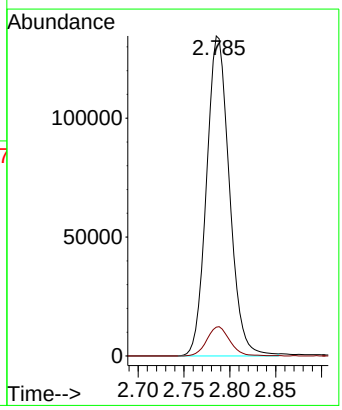


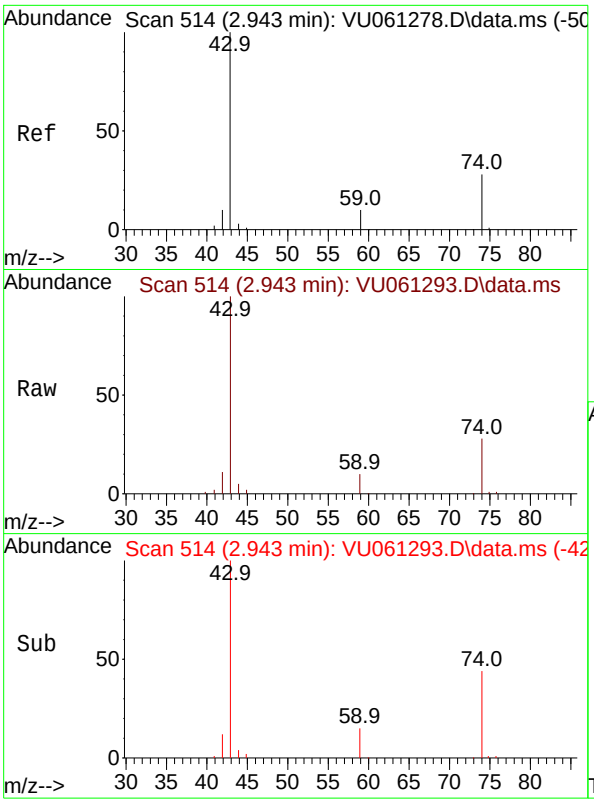




#14
Carbon disulfide
Concen: 50.574 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 76 Resp: 233010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.4 | 11.2 |



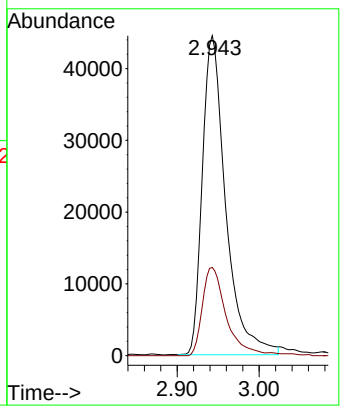


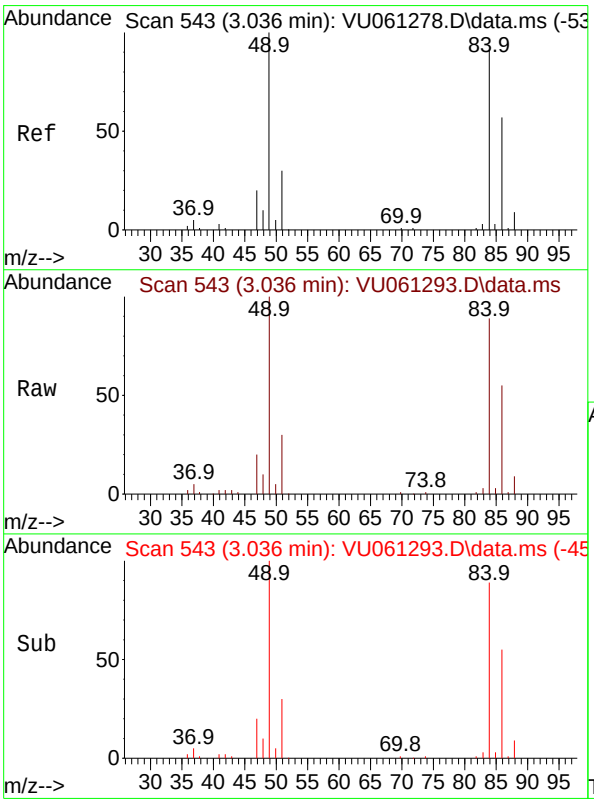

#15
Methyl Acetate
Concen: 47.473 ug/L
RT: 2.943 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 43 Resp: 87955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 27.9 | 23.2 | 34.8 |

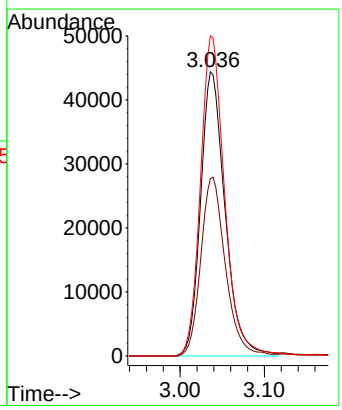


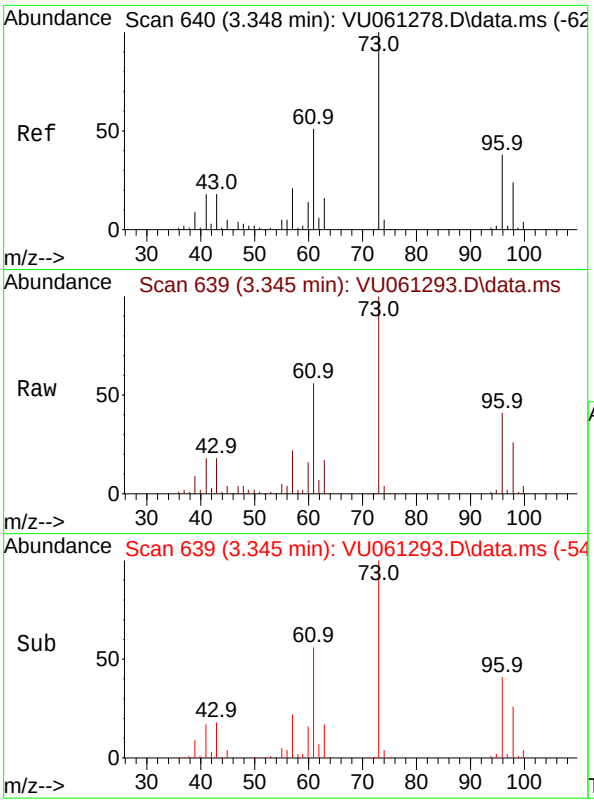




#16
Methylene chloride
Concen: 48.097 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 84 Resp: 89635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.4 | 45.3 | 84.1 |
| 49 | 112.7 | 78.3 | 145.5 |



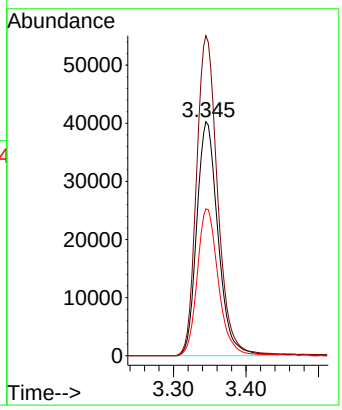


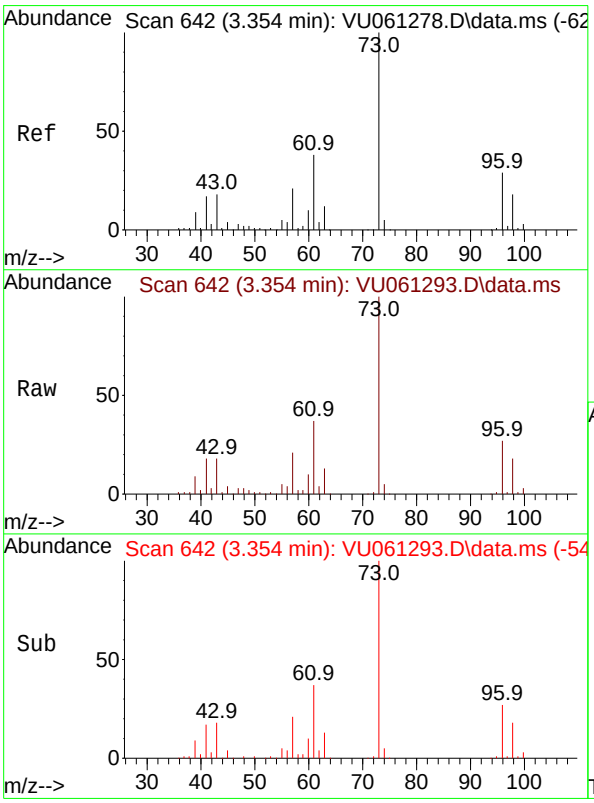

#17
trans-1,2-Dichloroethene
Concen: 49.991 ug/L
RT: 3.345 min Scan# 6
Delta R.T. -0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 96 Resp: 82321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.8 | 95.3 | 177.1 |
| 98 | 62.8 | 46.0 | 85.4 |

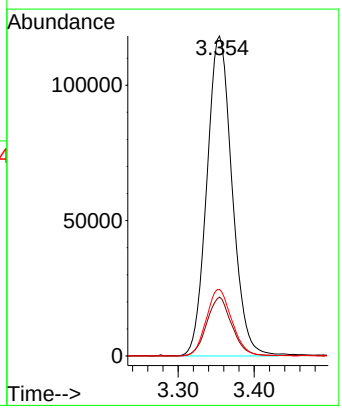


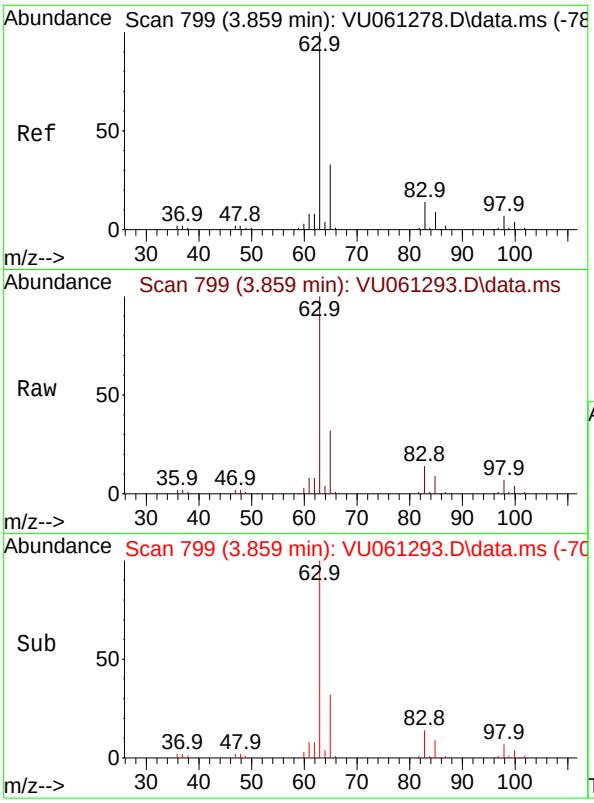




#18
Methyl tert-butyl Ether
Concen: 47.953 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 73 Resp: 272296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 18.4 | 14.8 | 22.2 |
| 57 | 21.2 | 17.0 | 25.6 |



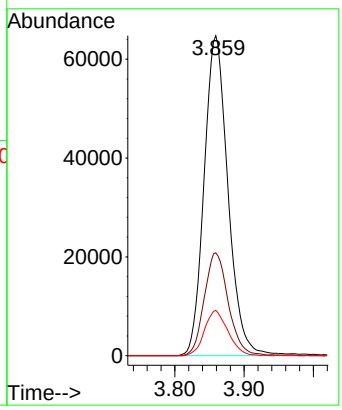


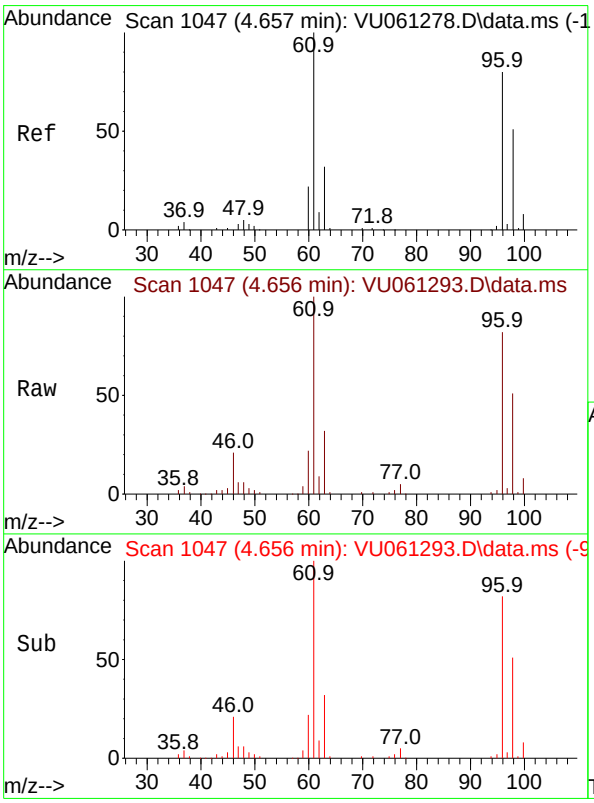

#19
1,1-Dichloroethane
Concen: 49.045 ug/L
RT: 3.859 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 63 Resp: 154774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.2 | 22.3 | 41.3 |
| 83 | 14.2 | 9.9 | 18.3 |

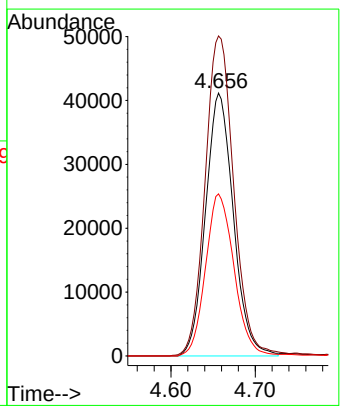


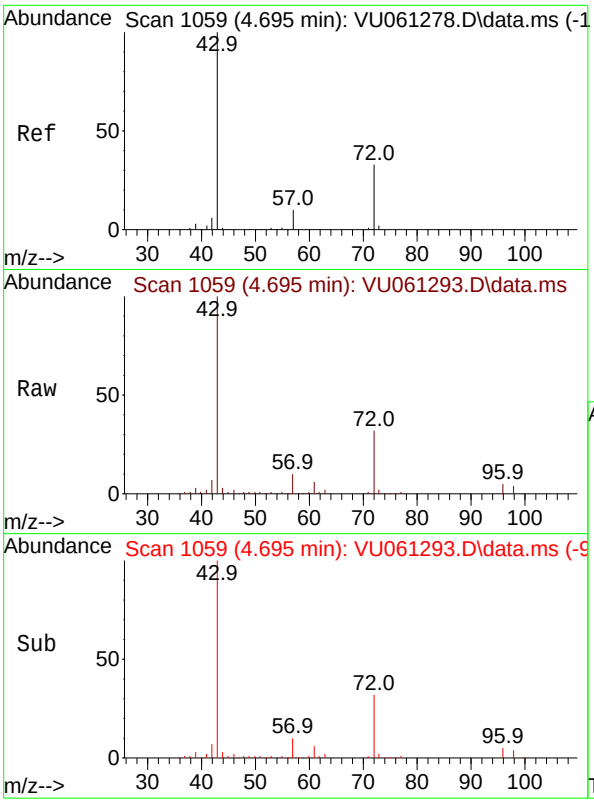




#20
cis-1,2-Dichloroethene
Concen: 48.314 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 96 Resp: 94606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.7 | 87.2 | 161.9 |
| 98 | 61.7 | 45.2 | 84.0 |



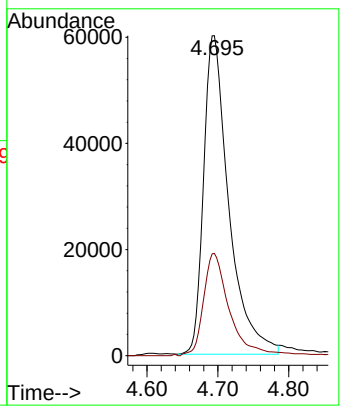


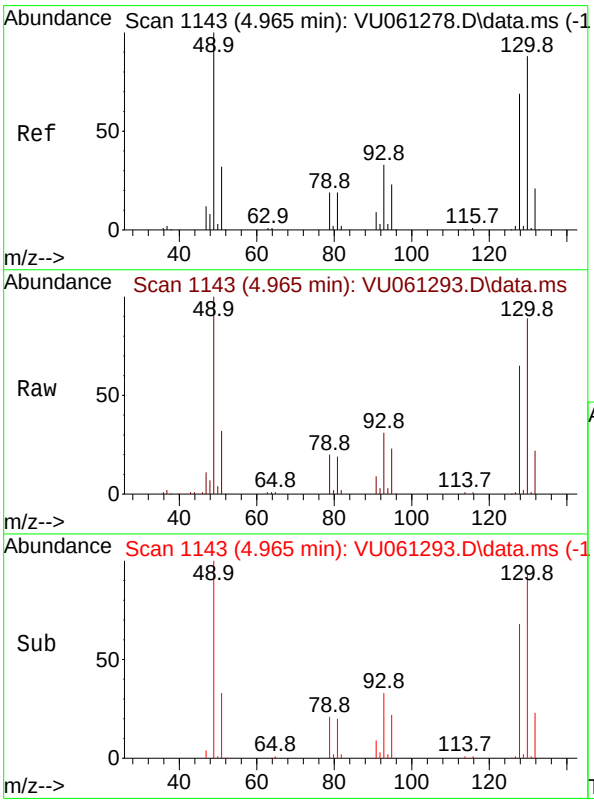

#22
2-Butanone
Concen: 98.615 ug/L
RT: 4.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 43 Resp: 148592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 32.9 | 15.8 | 47.4 |

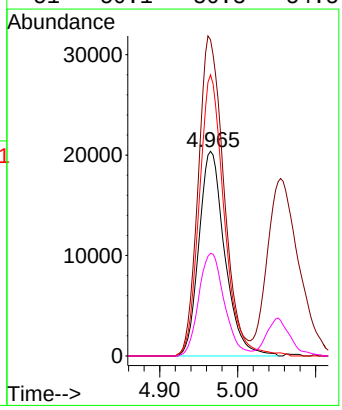


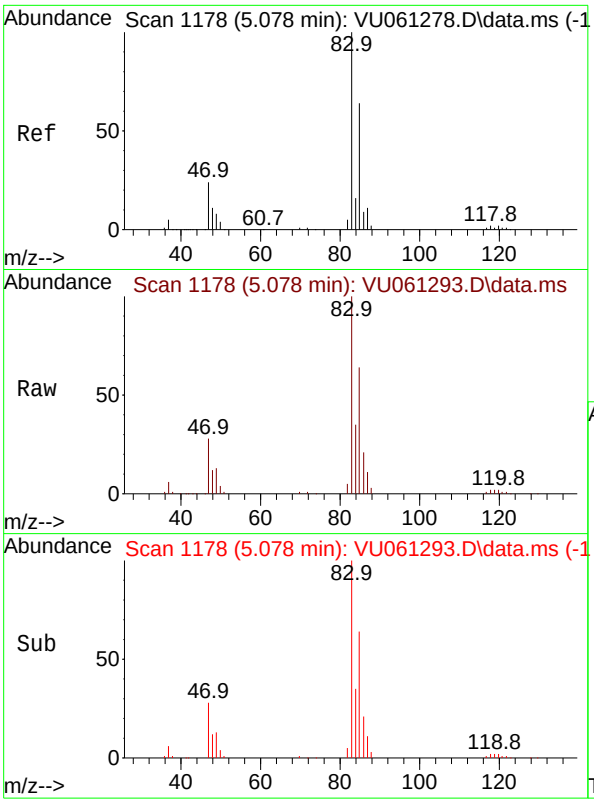




#23
Bromochloromethane
Concen: 46.810 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:128 Resp: 46945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 154.5 | 98.7 | 183.3 |
| 130 | 137.4 | 85.0 | 157.8 |
| 51 | 50.1 | 36.3 | 54.5 |



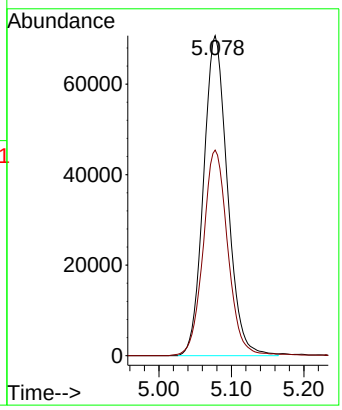


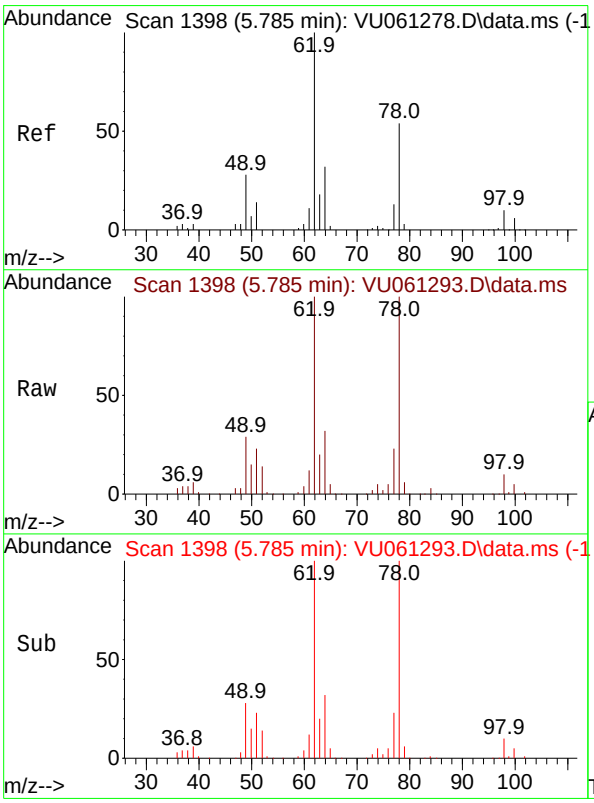

#25
Chloroform
Concen: 48.113 ug/L
RT: 5.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 83 Resp: 162235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 44.3 | 82.3 |

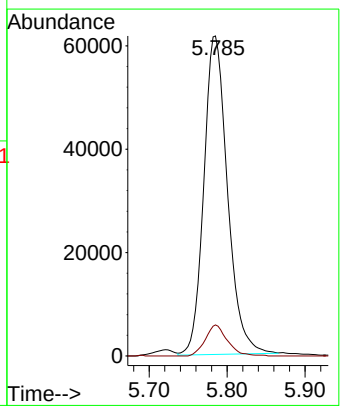


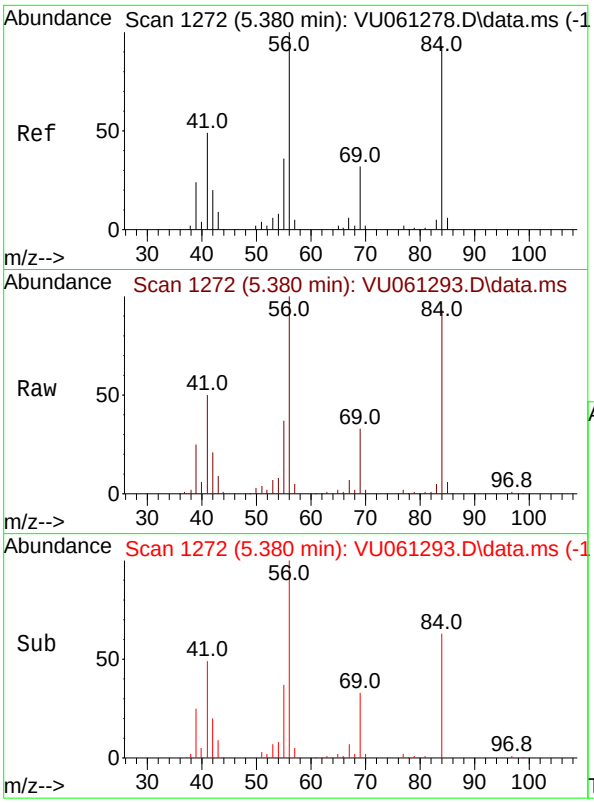




#27
1,2-Dichloroethane
Concen: 48.276 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 62 Resp: 130188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.7 | 6.6 | 10.0 |



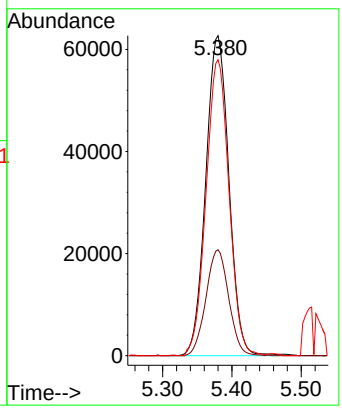


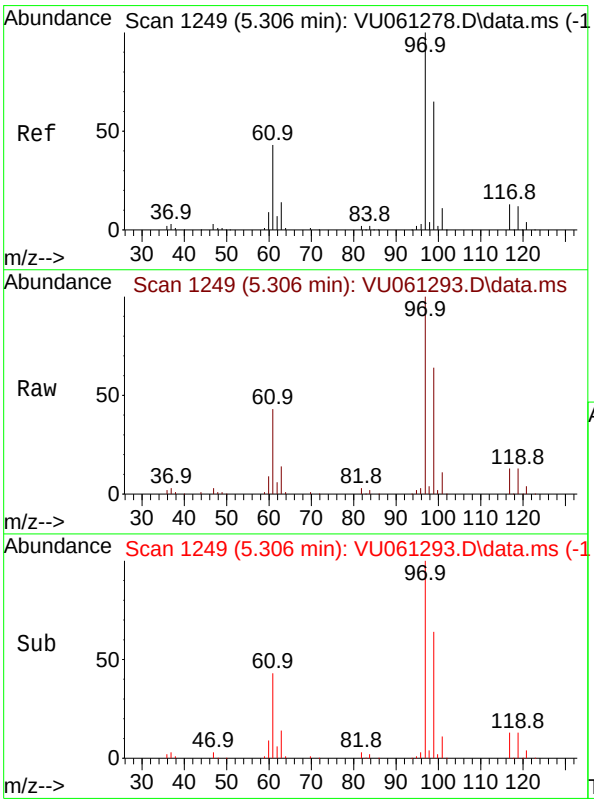

#29
Cyclohexane
Concen: 53.602 ug/L
RT: 5.380 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 56 Resp: 145416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.5 | 26.3 | 39.5 |
| 84 | 91.8 | 74.6 | 112.0 |

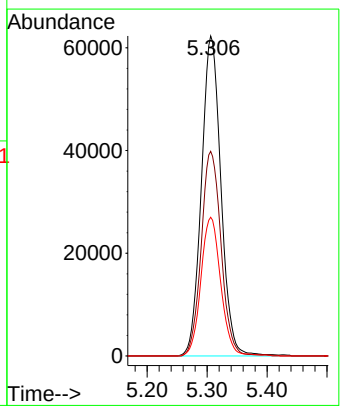


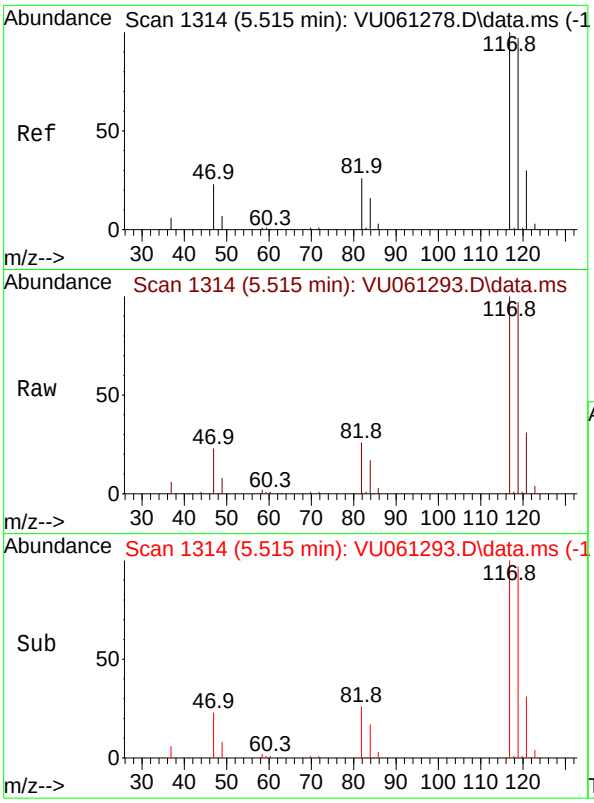




#30
1,1,1-Trichloroethane
Concen: 50.861 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 97 Resp: 141304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 51.0 | 76.6 |
| 61 | 43.7 | 35.9 | 53.9 |



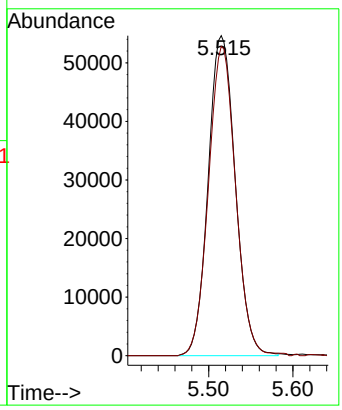


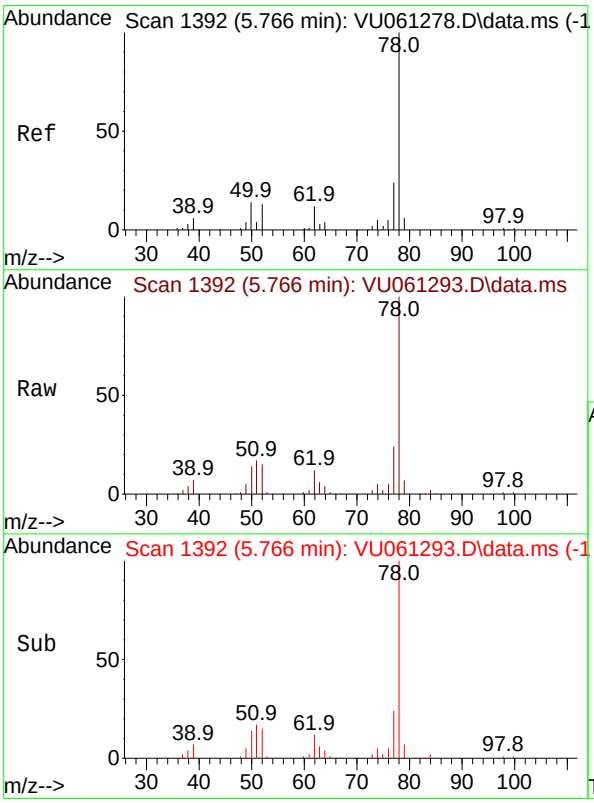

#31
Carbon tetrachloride
Concen: 51.087 ug/L
RT: 5.515 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:117 Resp: 122065

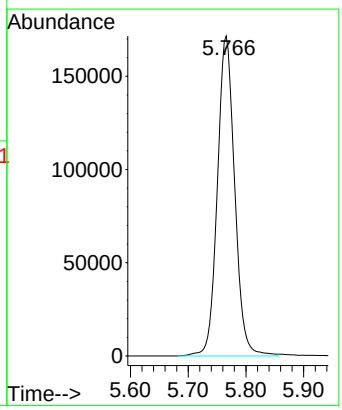
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 76.7 | 115.1 |

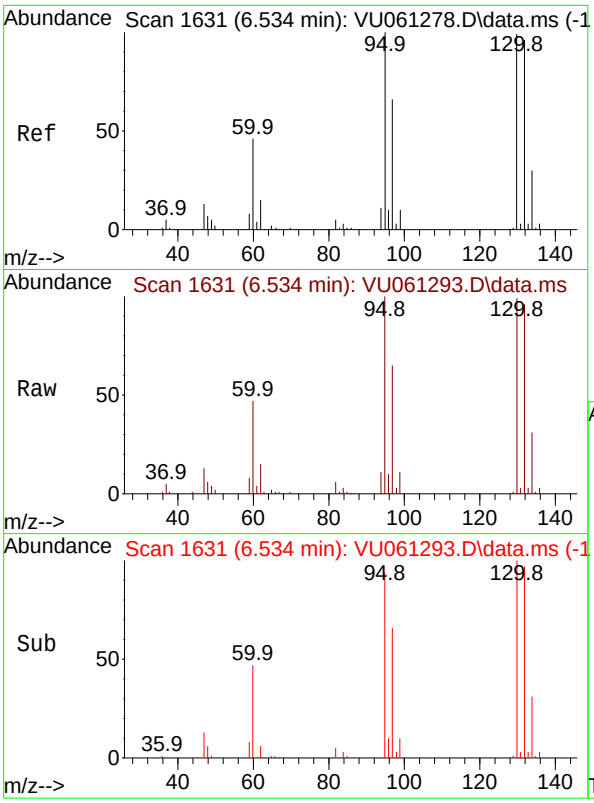



#33
Benzene
Concen: 49.900 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 78 Resp: 358191



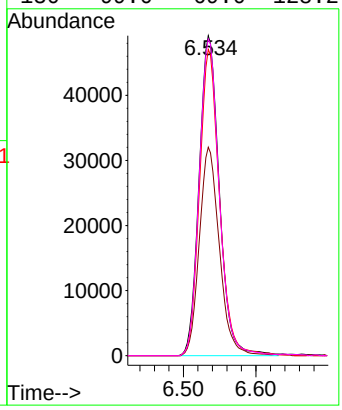


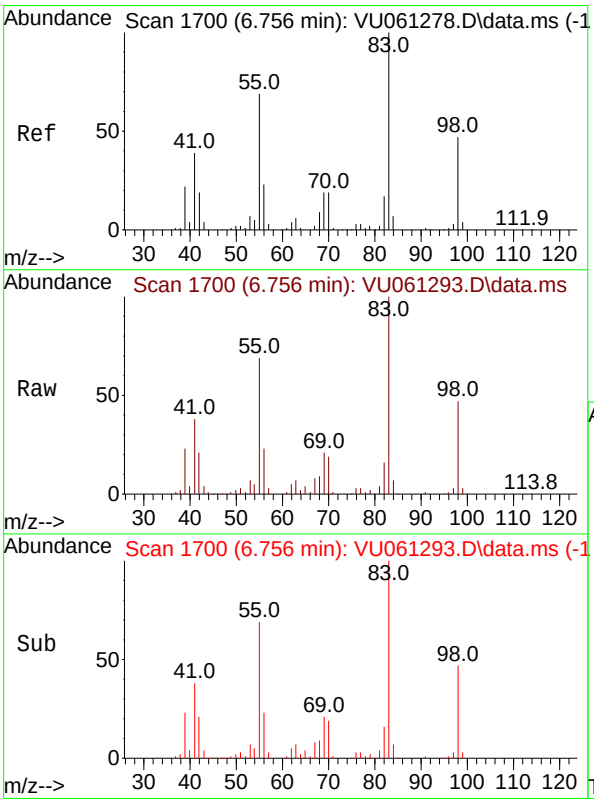

#34
Trichloroethene
Concen: 50.720 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 95 Resp: 95285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.1 | 44.2 | 82.0 |
| 132 | 95.7 | 66.6 | 123.6 |
| 130 | 99.0 | 69.0 | 128.2 |

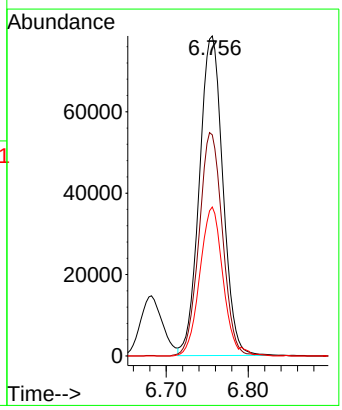


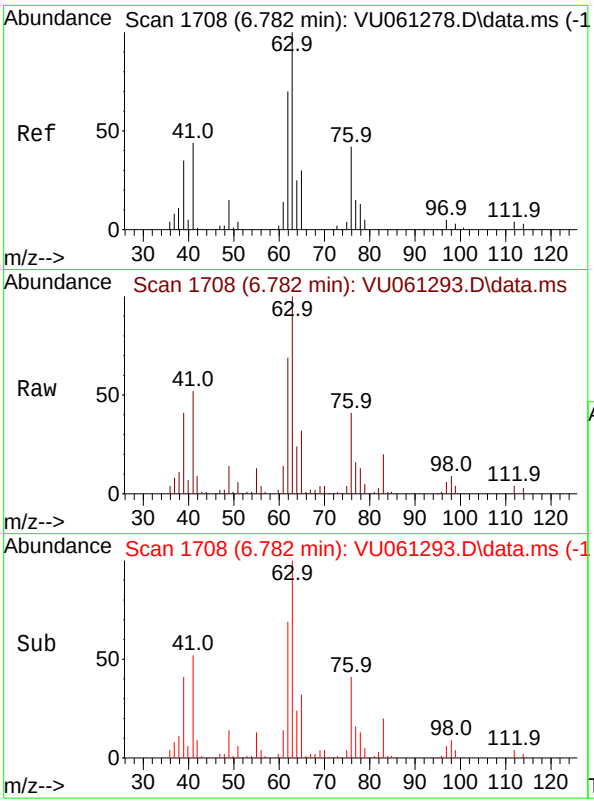




#35
Methylcyclohexane
Concen: 53.848 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 83 Resp: 156366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 69.7 | 55.1 | 82.7 |
| 98 | 44.9 | 36.7 | 55.1 |



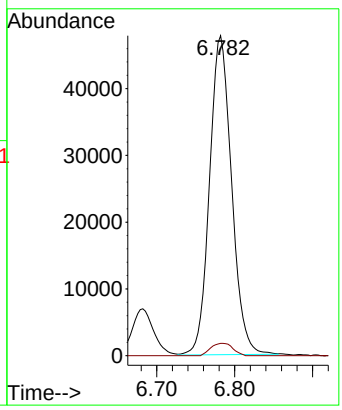


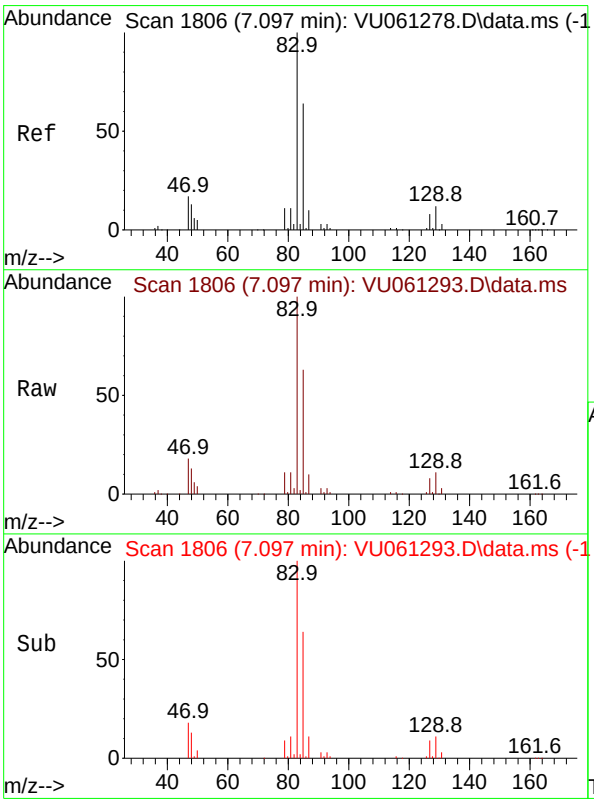

#37
1,2-Dichloropropane
Concen: 49.211 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 63 Resp: 94024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 3.9 | 3.3 | 4.9 |

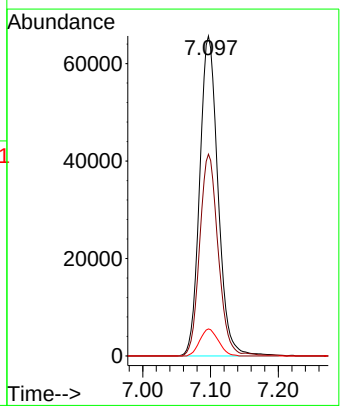


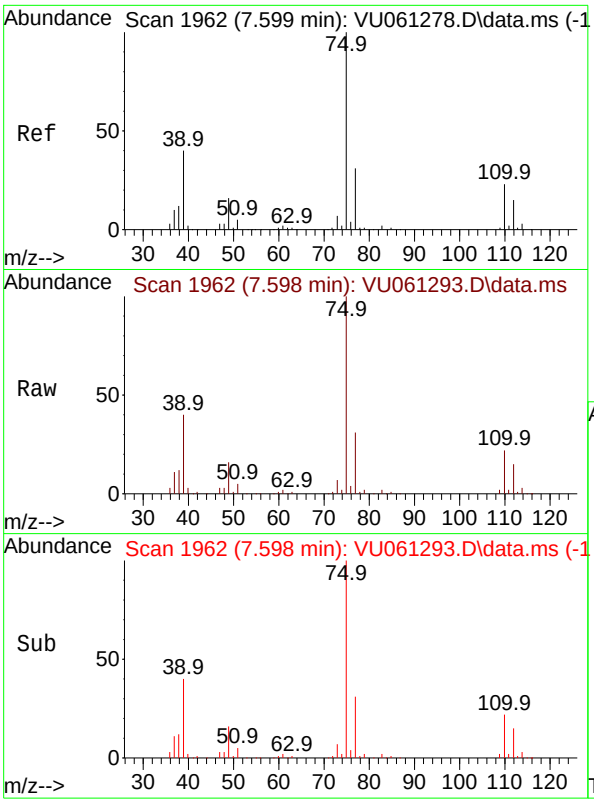




#38
Bromodichloromethane
Concen: 50.462 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 83 Resp: 123148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 44.2 | 82.0 |
| 127 | 9.3 | 6.3 | 9.5 |



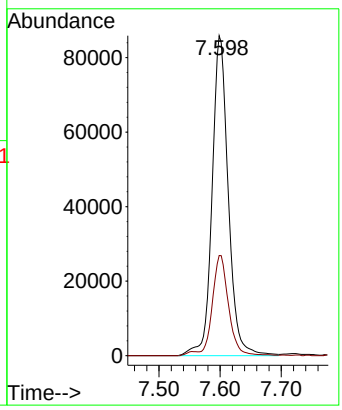


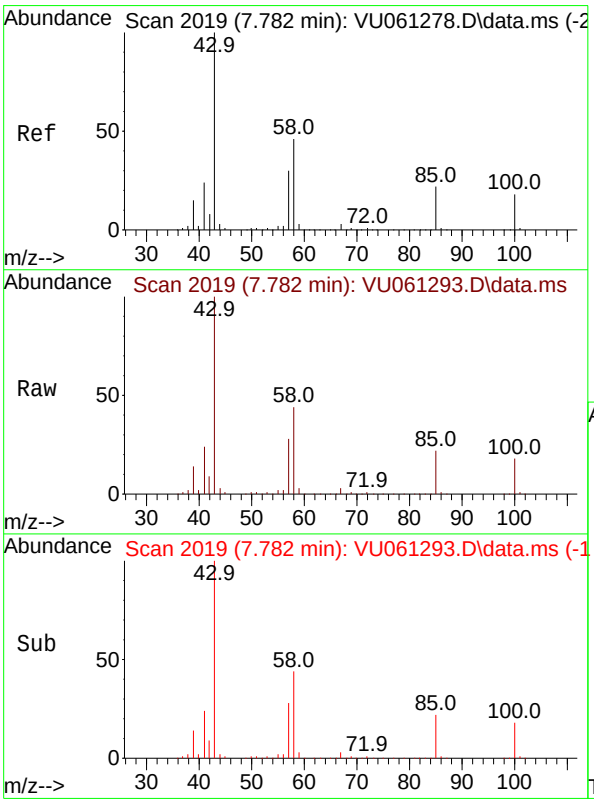

#39
cis-1,3-Dichloropropene
Concen: 51.916 ug/L
RT: 7.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 75 Resp: 158103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 22.5 | 41.7 |

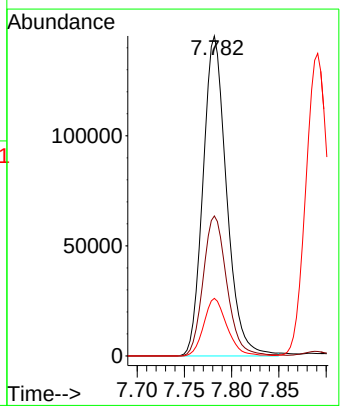


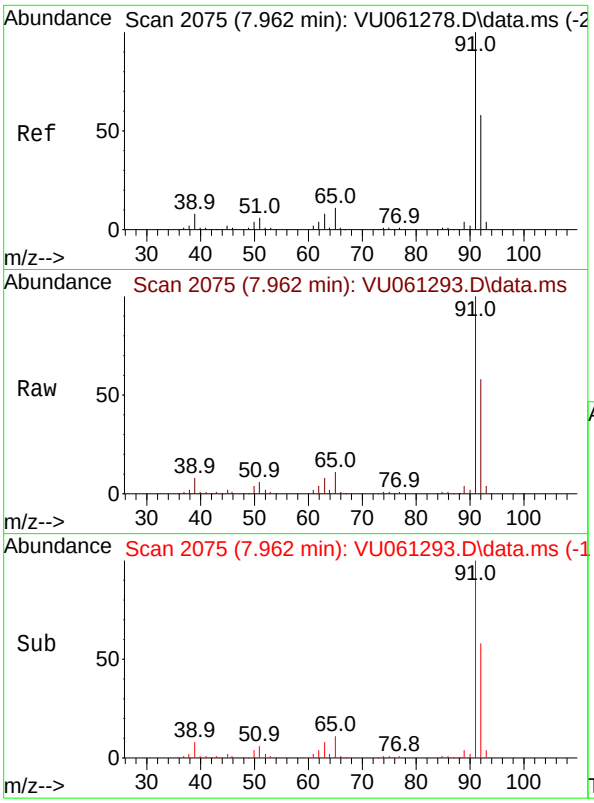




#40
4-Methyl-2-pentanone
Concen: 95.895 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 43 Resp: 252249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.2 | 35.2 | 52.8 |
| 100 | 17.8 | 14.4 | 21.6 |



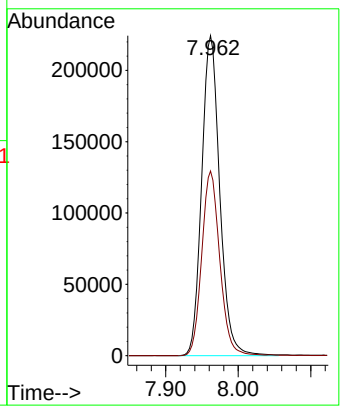


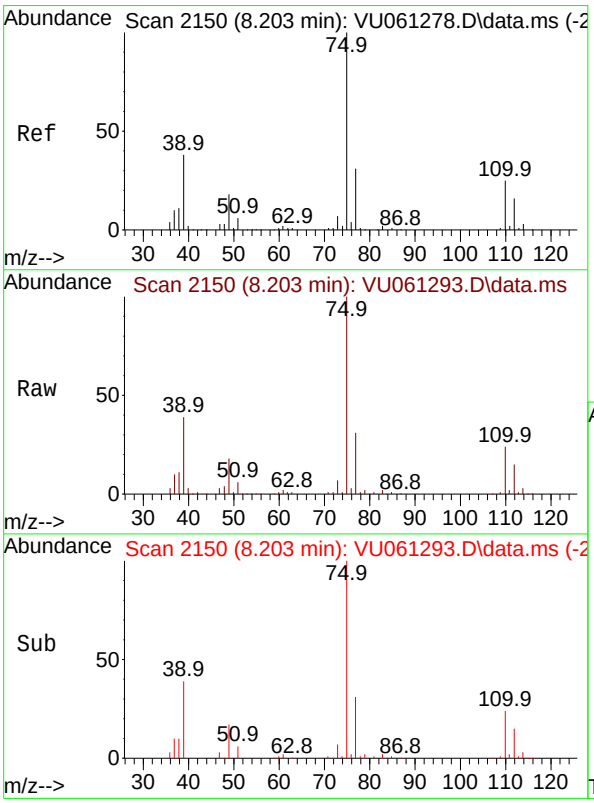

#42
Toluene
Concen: 49.791 ug/L
RT: 7.962 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 91 Resp: 389144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.7 | 40.5 | 75.1 |

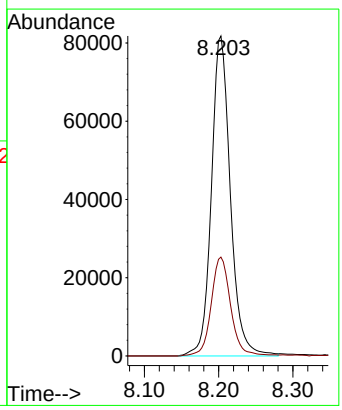


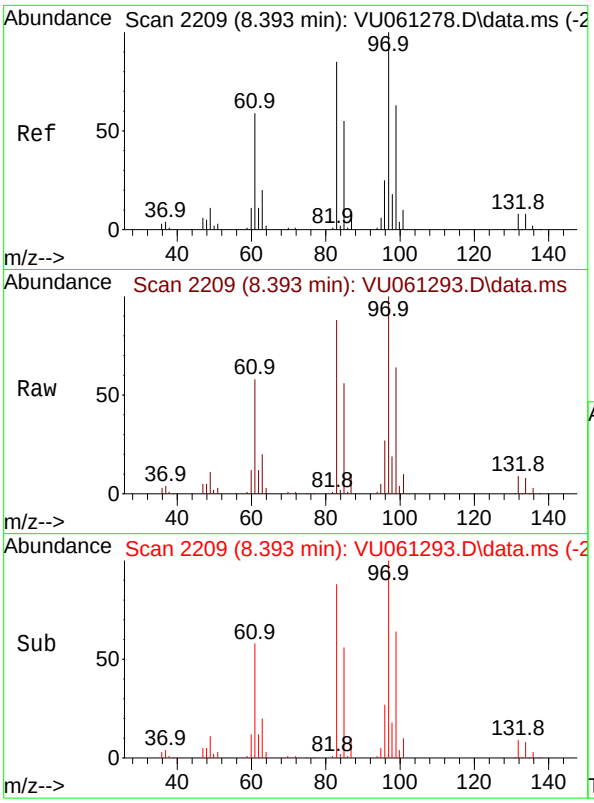




#44
trans-1,3-Dichloropropene
Concen: 51.184 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 75 Resp: 145085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 22.2 | 41.2 |



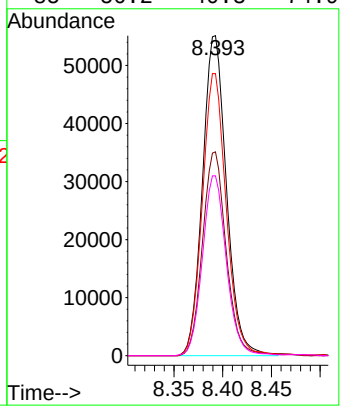


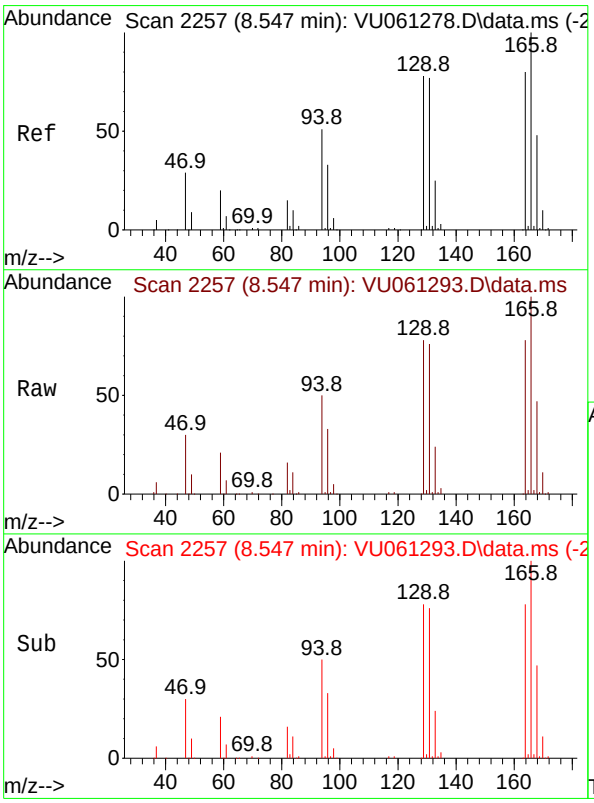

#45
1,1,2-Trichloroethane
Concen: 49.138 ug/L
RT: 8.393 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 97 Resp: 94347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.7 | 44.4 | 82.5 |
| 83 | 88.1 | 61.0 | 113.2 |
| 85 | 56.2 | 40.3 | 74.9 |

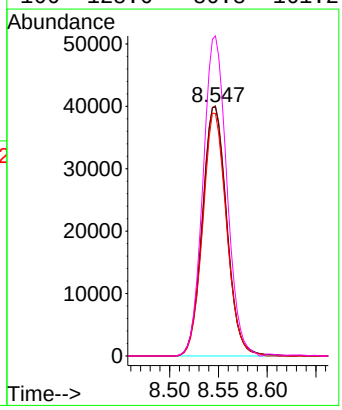


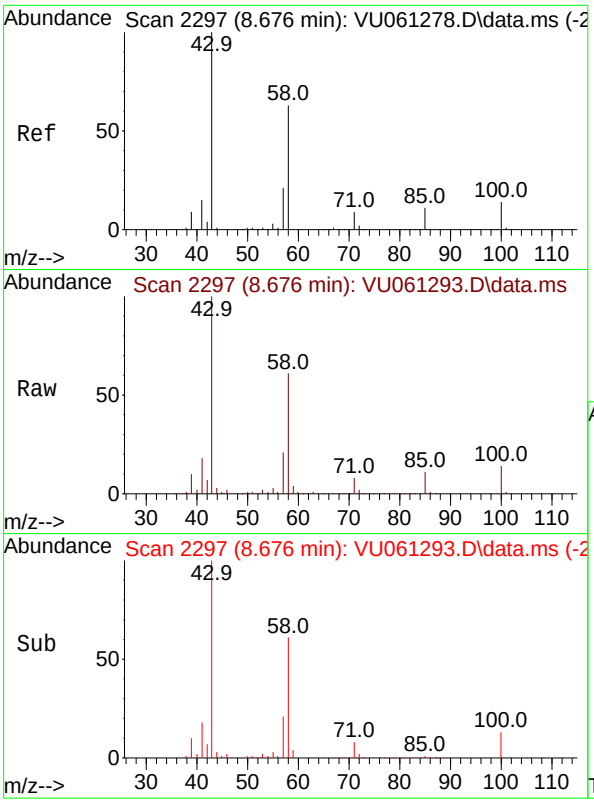




#46
Tetrachloroethene
Concen: 50.794 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:164 Resp: 68595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 100.5 | 71.6 | 133.0 |
| 131 | 97.4 | 68.6 | 127.4 |
| 166 | 128.6 | 86.8 | 161.2 |



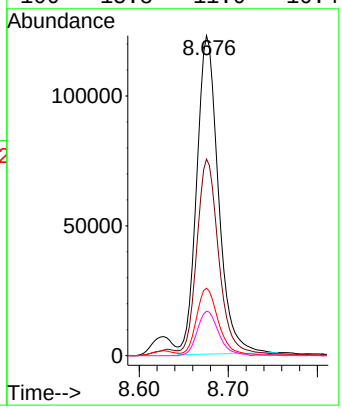


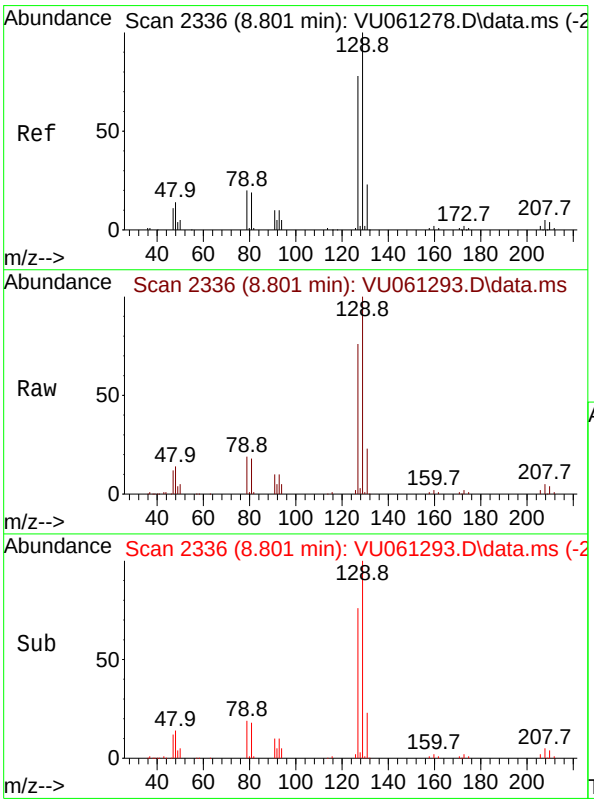

#48
2-Hexanone
Concen: 97.548 ug/L
RT: 8.676 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 43 Resp: 208186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 61.5 | 49.2 | 73.8 |
| 57 | 21.3 | 17.4 | 26.2 |
| 100 | 13.8 | 11.0 | 16.4 |

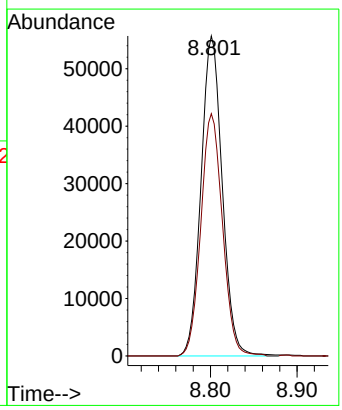


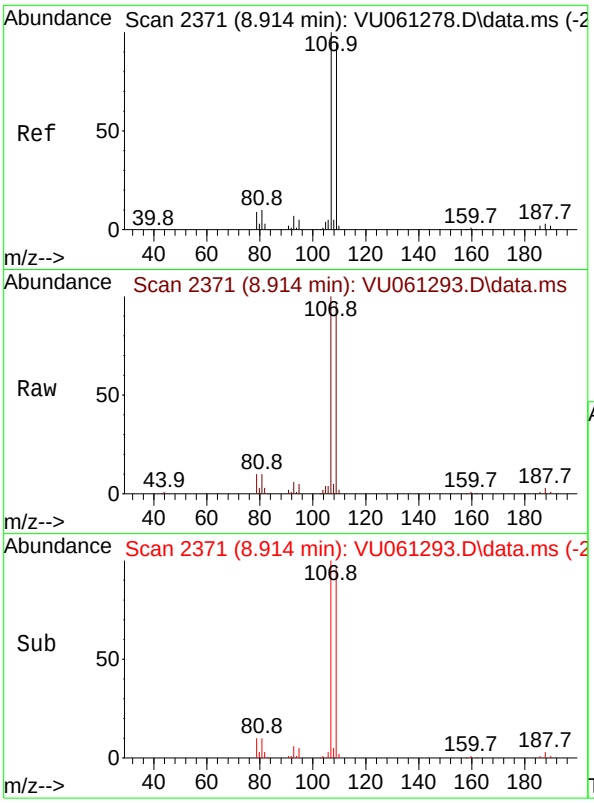




#49
Dibromochloromethane
Concen: 49.810 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:129 Resp: 94837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.7 | 53.5 | 99.3 |



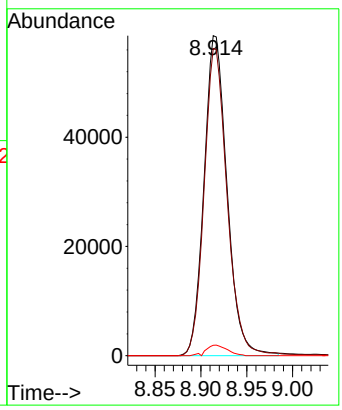


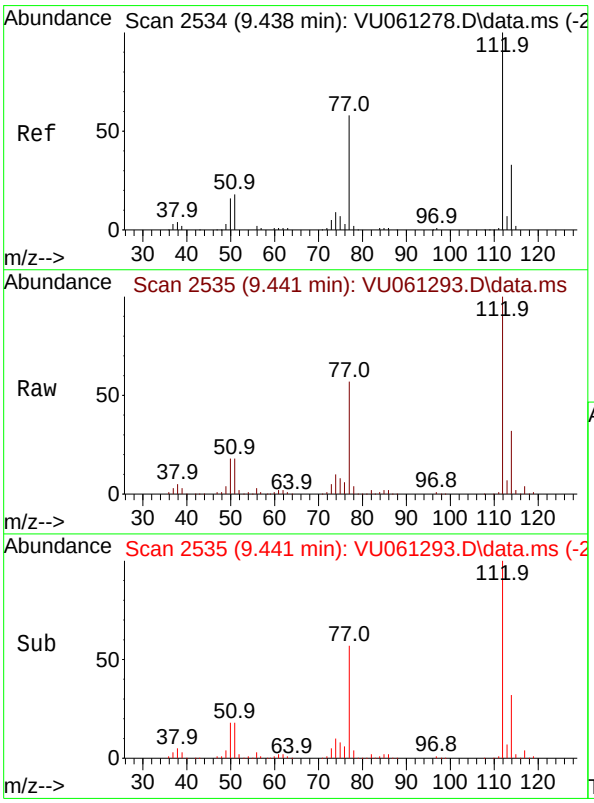

#50
1,2-Dibromoethane
Concen: 48.287 ug/L
RT: 8.914 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:107 Resp: 102448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.0 | 66.8 | 124.0 |
| 188 | 3.3 | 2.8 | 4.2 |

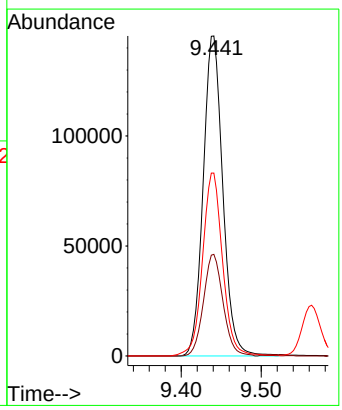


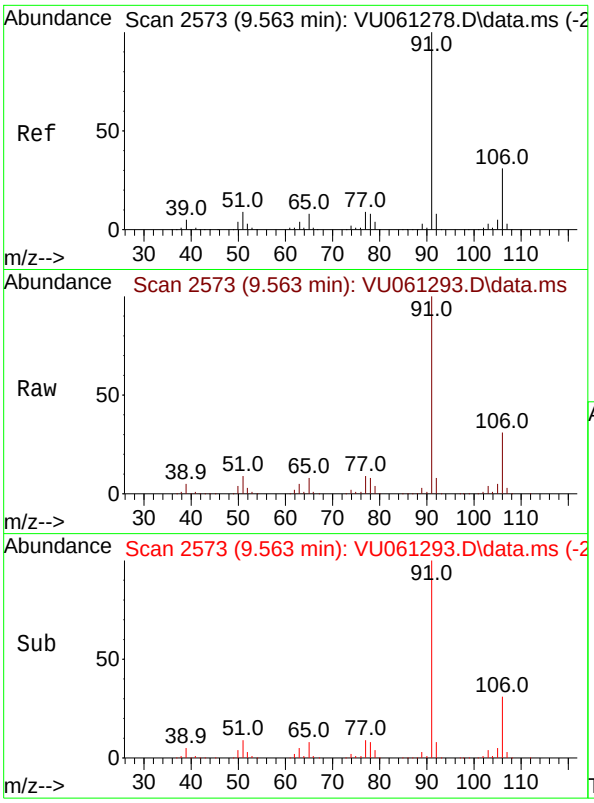




#51
Chlorobenzene
Concen: 49.567 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:112 Resp: 248546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 22.0 | 40.8 |
| 77 | 57.1 | 45.8 | 68.6 |



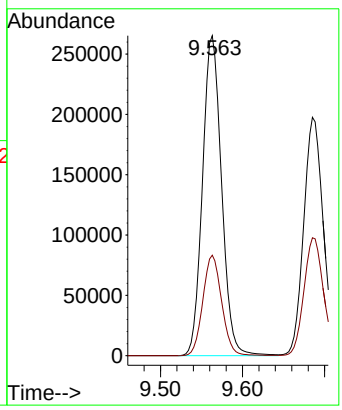


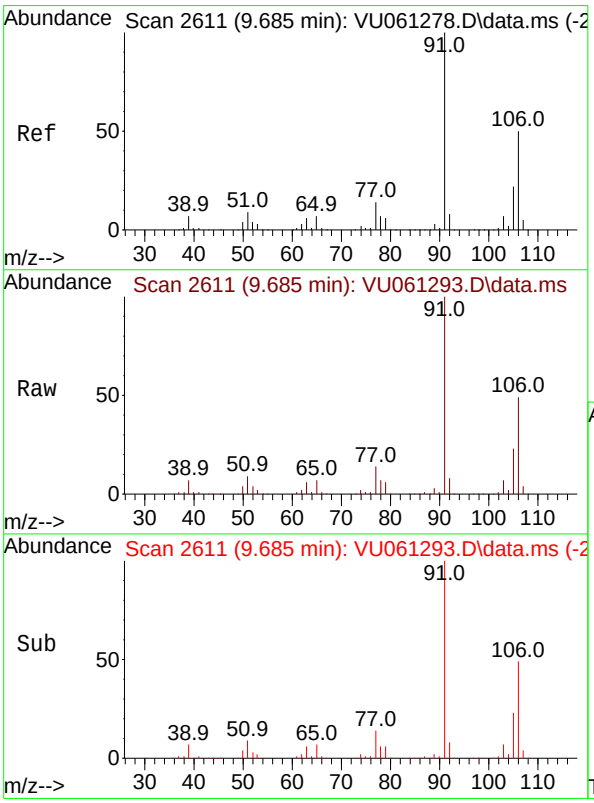

#52
Ethylbenzene
Concen: 50.641 ug/L
RT: 9.563 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 91 Resp: 428491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.4 | 21.6 | 40.2 |

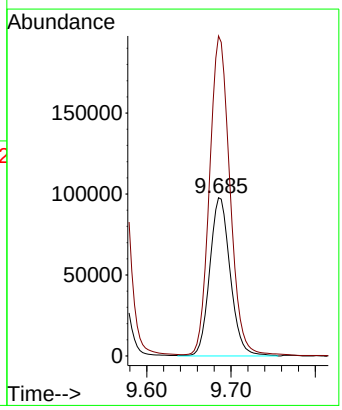


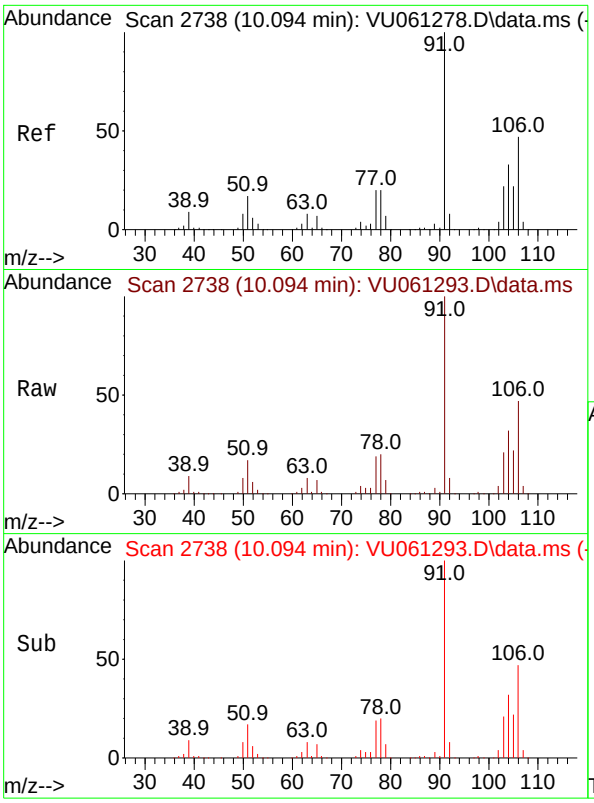




#53
m,p-Xylene
Concen: 51.131 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:106 Resp: 165007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.2 | 140.6 | 261.2 |



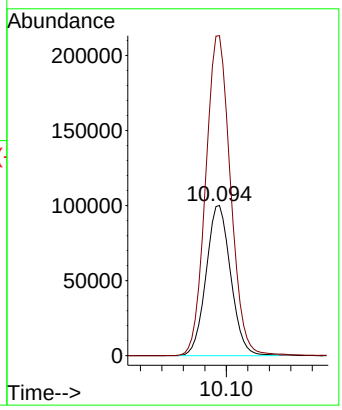


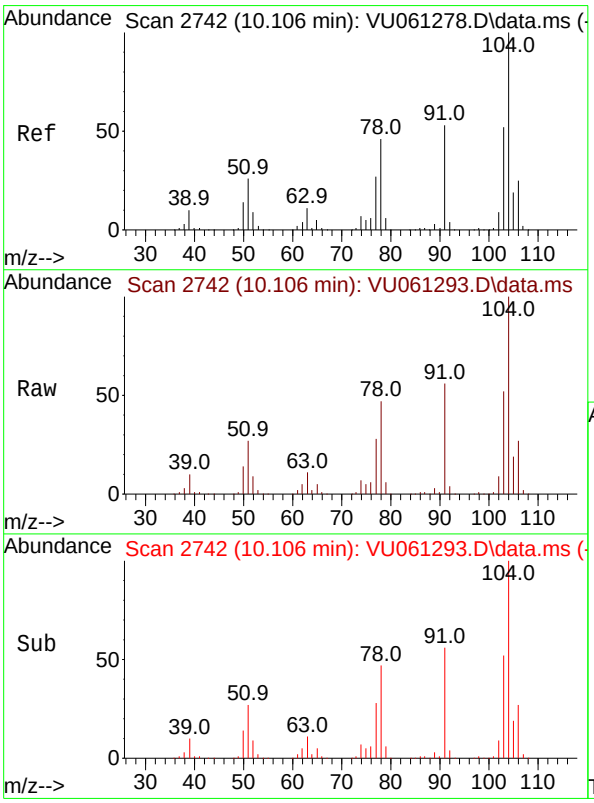

#54
o-Xylene
Concen: 49.695 ug/L
RT: 10.094 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:106 Resp: 159138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.1 | 152.7 | 283.7 |

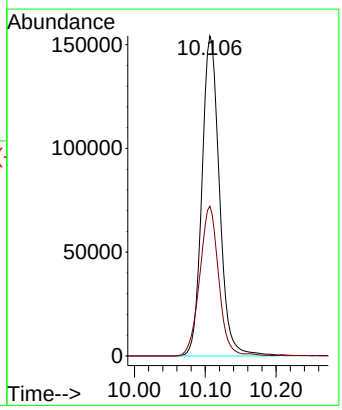


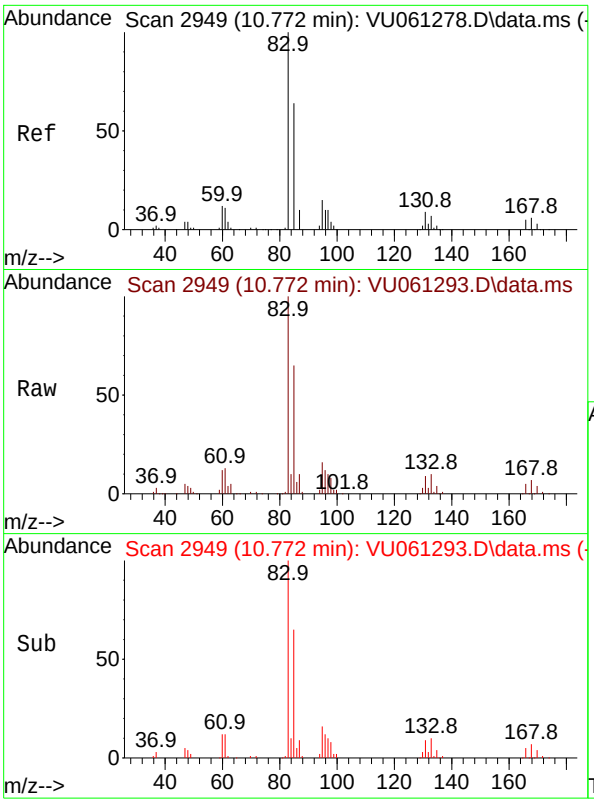




#55
Styrene
Concen: 50.871 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:104 Resp: 264991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.8 | 32.0 | 59.4 |



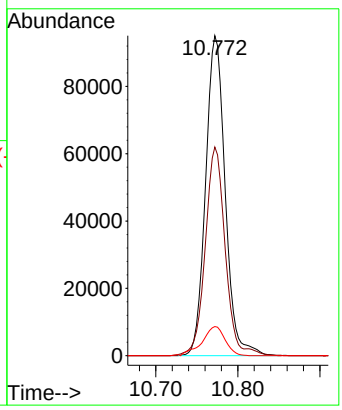


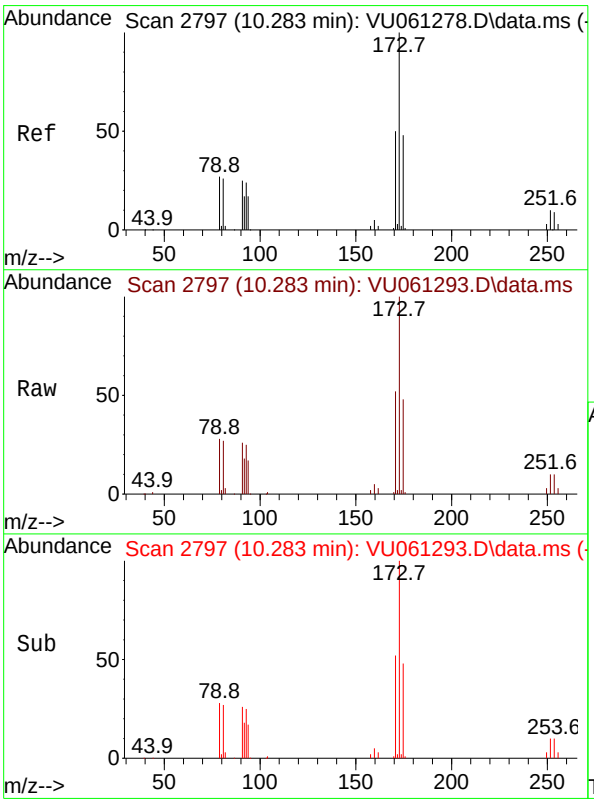

#57
1,1,2,2-Tetrachloroethane
Concen: 46.956 ug/L
RT: 10.772 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 83 Resp: 157662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 45.3 | 84.1 |
| 131 | 9.1 | 7.5 | 11.3 |

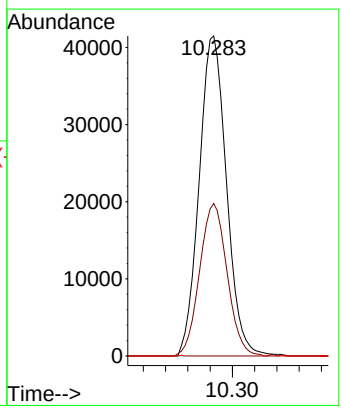


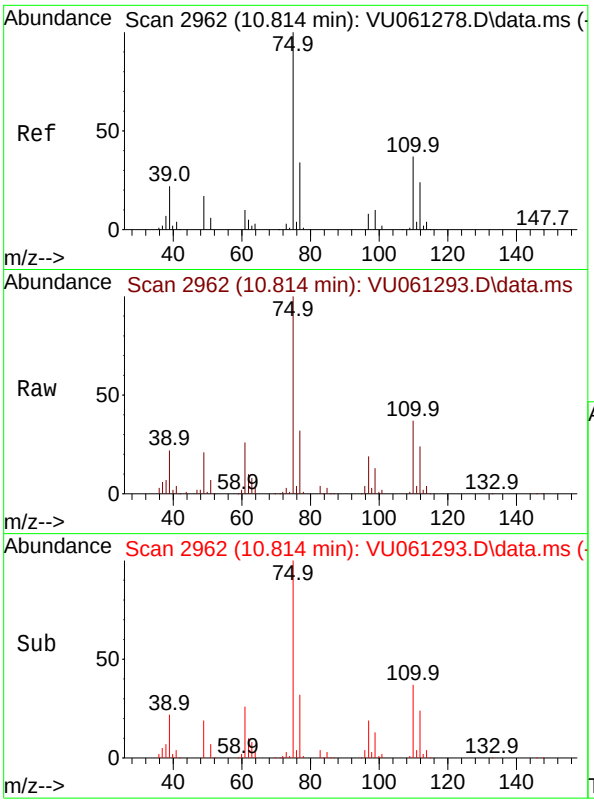




#59
Bromoform
Concen: 49.871 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:173 Resp: 70611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.9 | 39.7 | 59.5 |
| 254 | 0.0 | 1.4 | 2.0# |



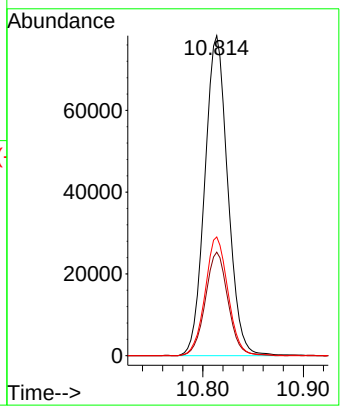


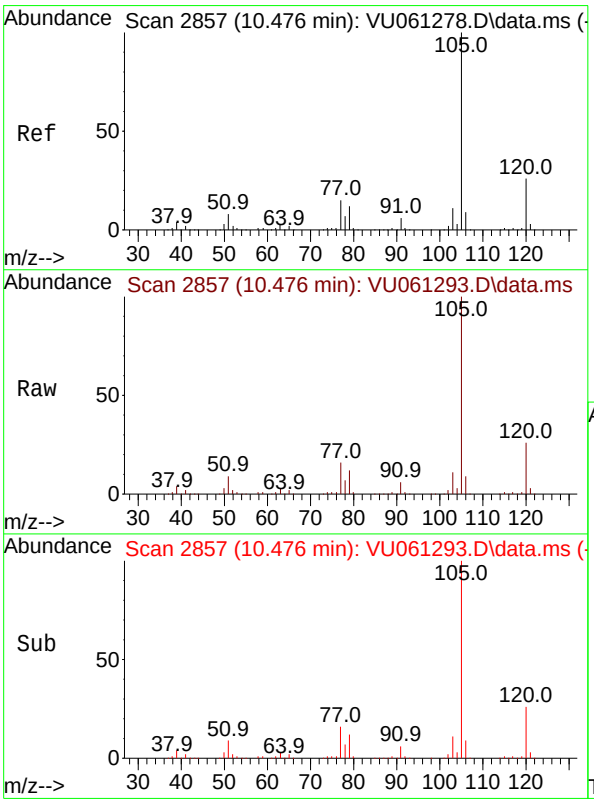

#60
1,2,3-Trichloropropane
Concen: 48.050 ug/L
RT: 10.814 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion: 75 Resp: 124541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.5 | 38.3 |
| 110 | 36.8 | 29.8 | 44.6 |

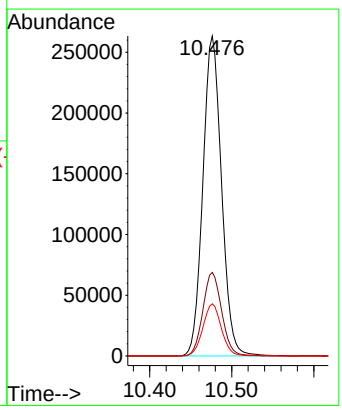


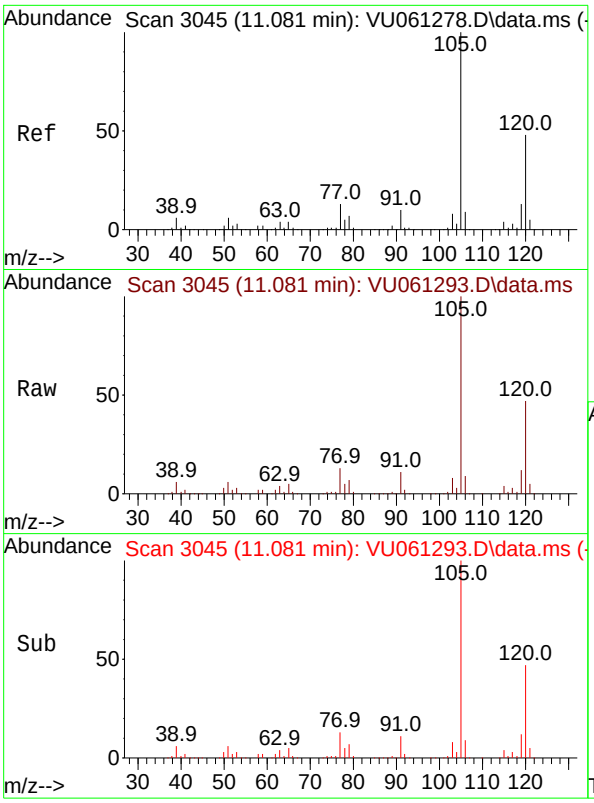




#61
Isopropylbenzene
Concen: 51.880 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:105 Resp: 416996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 20.8 | 31.2 |
| 77 | 16.1 | 12.7 | 19.1 |



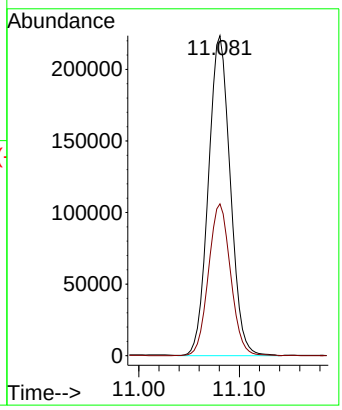


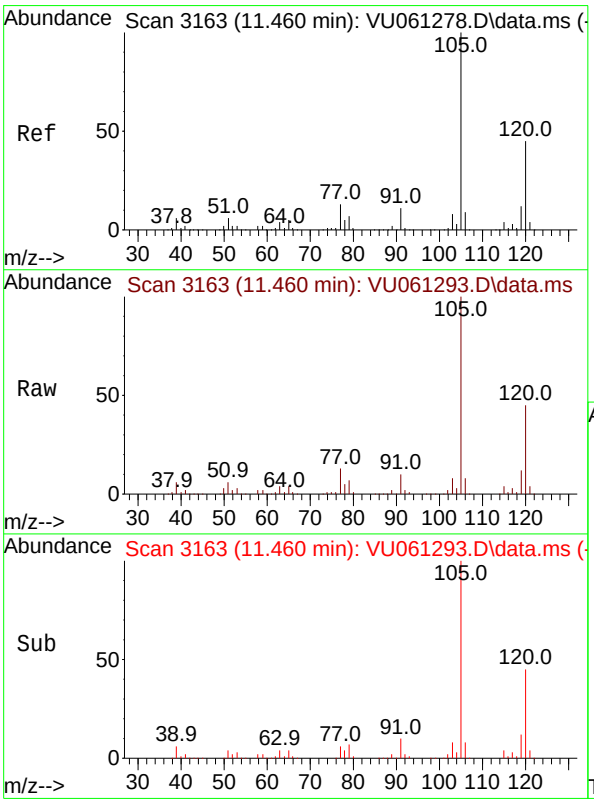

#62
1,3,5-Trimethylbenzene
Concen: 51.884 ug/L
RT: 11.081 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:105 Resp: 338559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 38.2 | 57.4 |

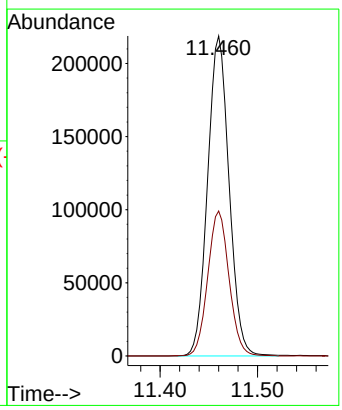


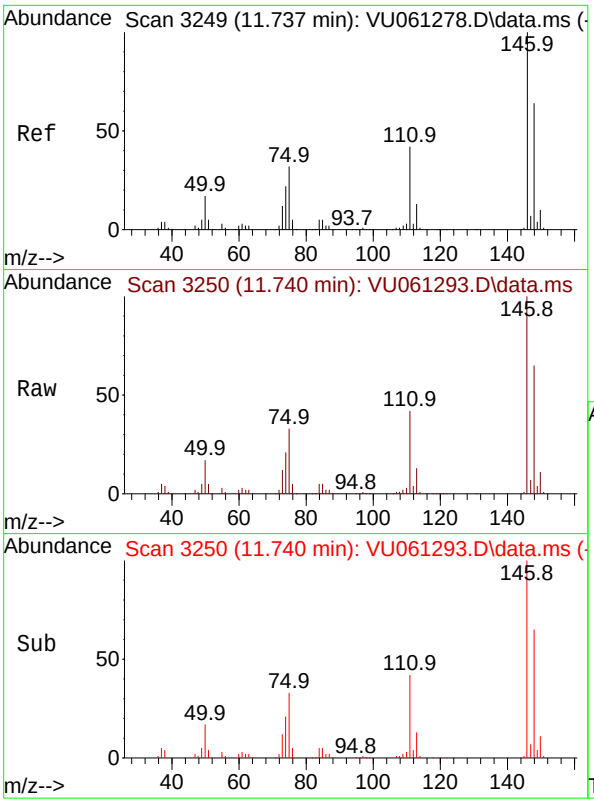




#63
1,2,4-Trimethylbenzene
Concen: 52.129 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:105 Resp: 335030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 35.8 | 53.8 |



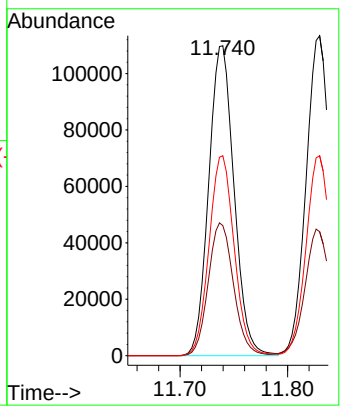


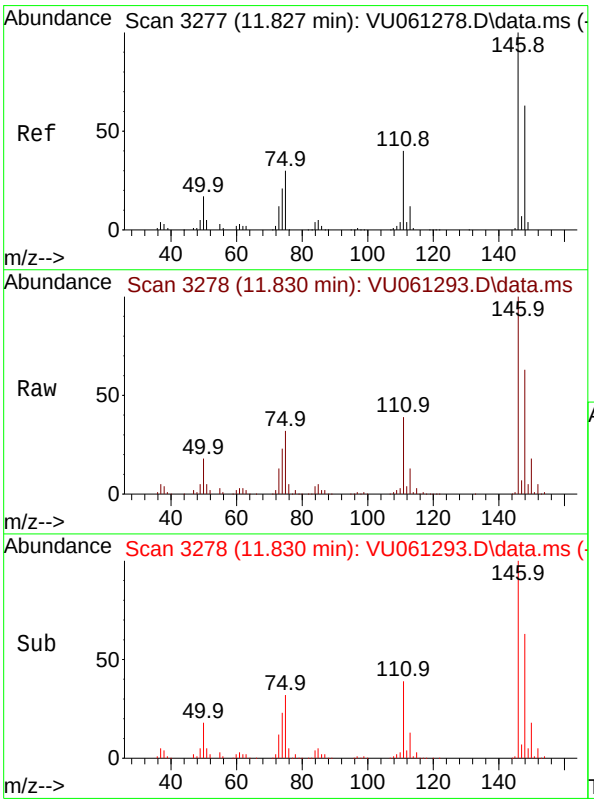

#64
1,3-Dichlorobenzene
Concen: 50.152 ug/L
RT: 11.740 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:146 Resp: 180157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.0 | 27.9 | 51.7 |
| 148 | 64.6 | 44.9 | 83.3 |

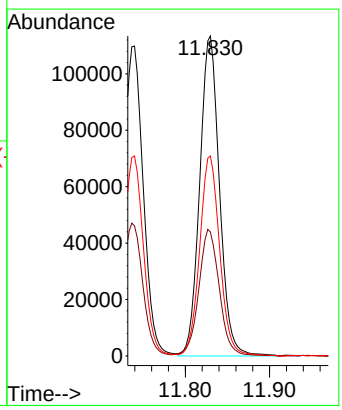


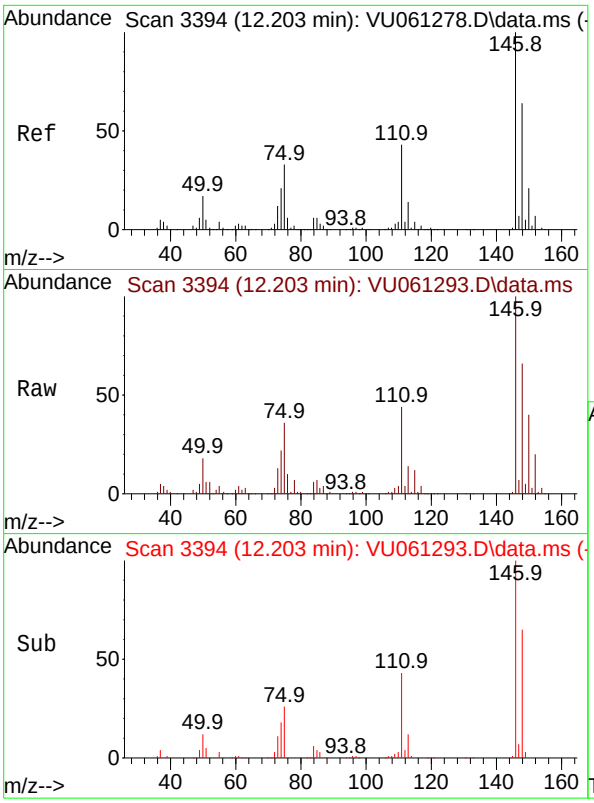




#65
1,4-Dichlorobenzene
Concen: 50.879 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:146 Resp: 185709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 27.9 | 51.7 |
| 148 | 62.5 | 44.9 | 83.3 |



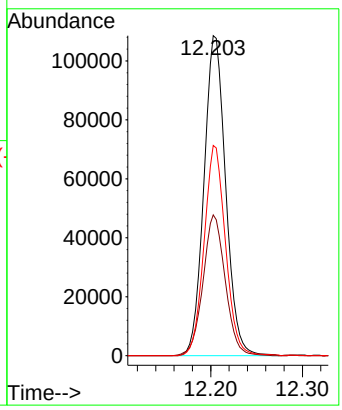


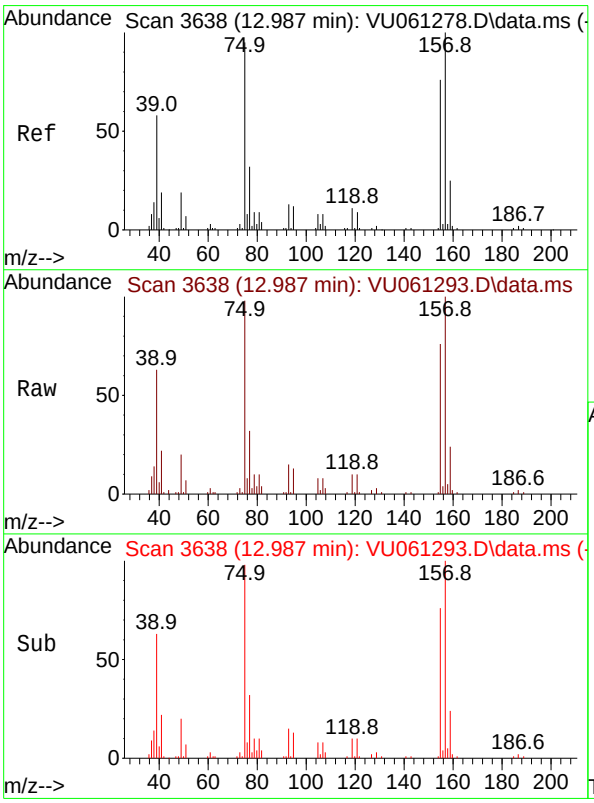

#67
1,2-Dichlorobenzene
Concen: 49.324 ug/L
RT: 12.203 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:146 Resp: 178732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.0 | 35.6 | 53.4 |
| 148 | 65.7 | 51.4 | 77.0 |

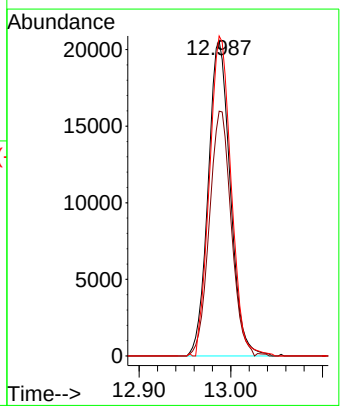


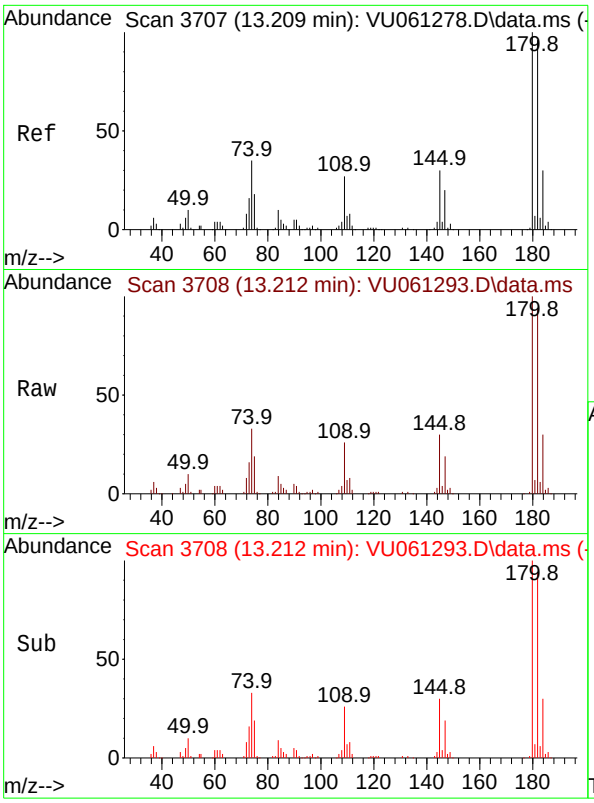




#68
1,2-Dibromo-3-chloropropane
Concen: 49.224 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion: 75 Resp: 34375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.4 | 66.6 | 100.0 |
| 157 | 106.1 | 87.1 | 130.7 |



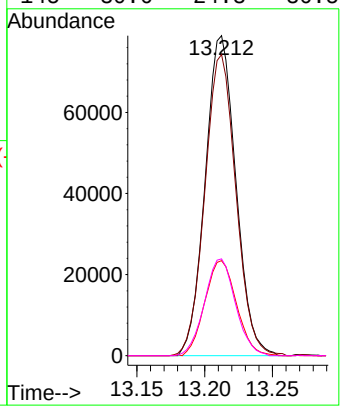


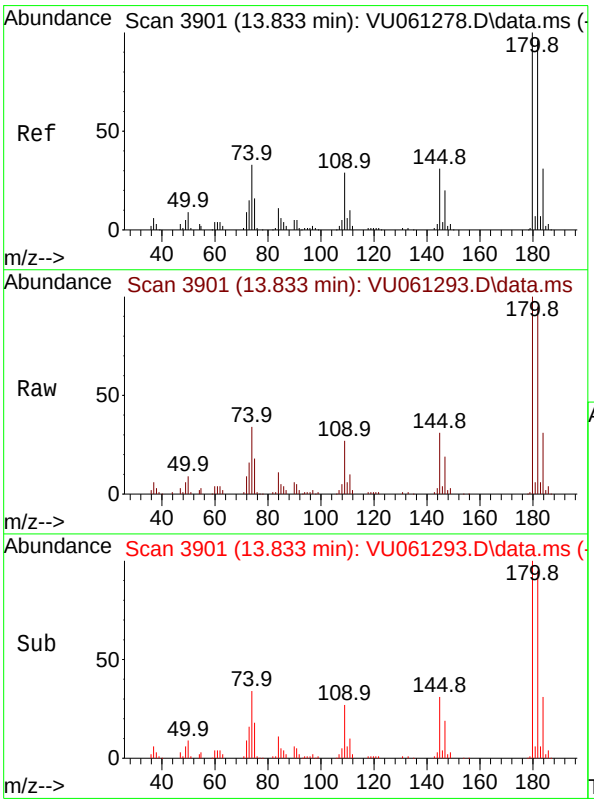

#69
1,3,5-Trichlorobenzene
Concen: 51.619 ug/L
RT: 13.212 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:180 Resp: 124272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 75.3 | 112.9 |
| 184 | 30.5 | 23.7 | 35.5 |
| 145 | 30.6 | 24.3 | 36.5 |

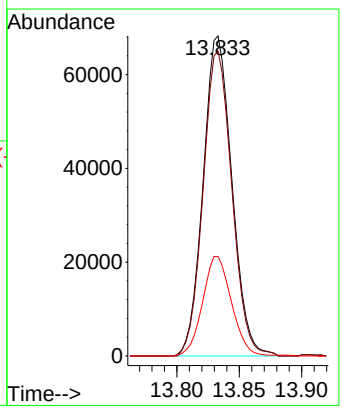


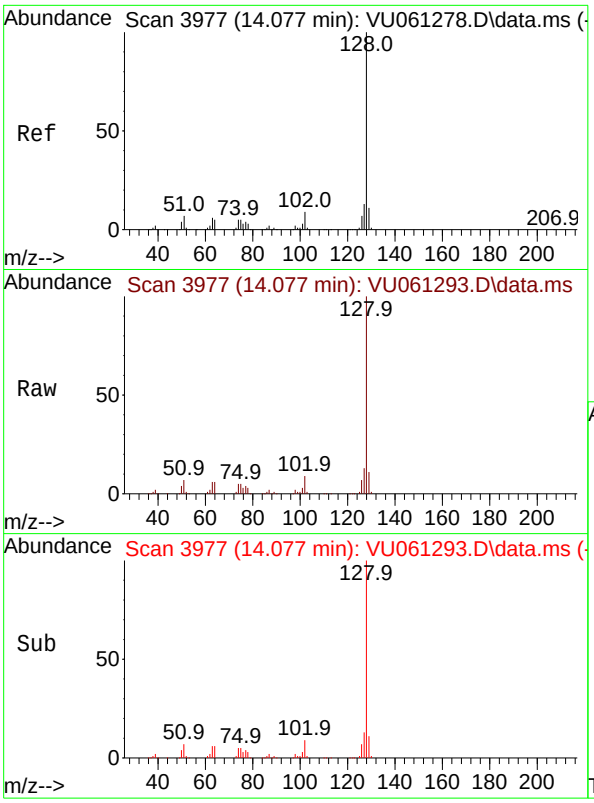




#70
1,2,4-trichlorobenzene
Concen: 53.357 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:180 Resp: 109860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 76.0 | 114.0 |
| 145 | 31.1 | 25.0 | 37.4 |



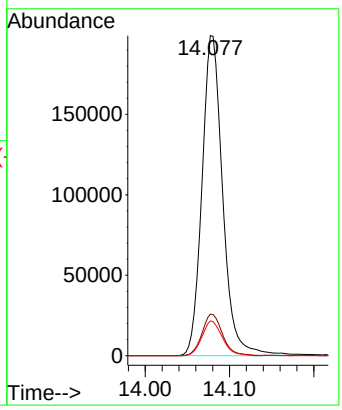


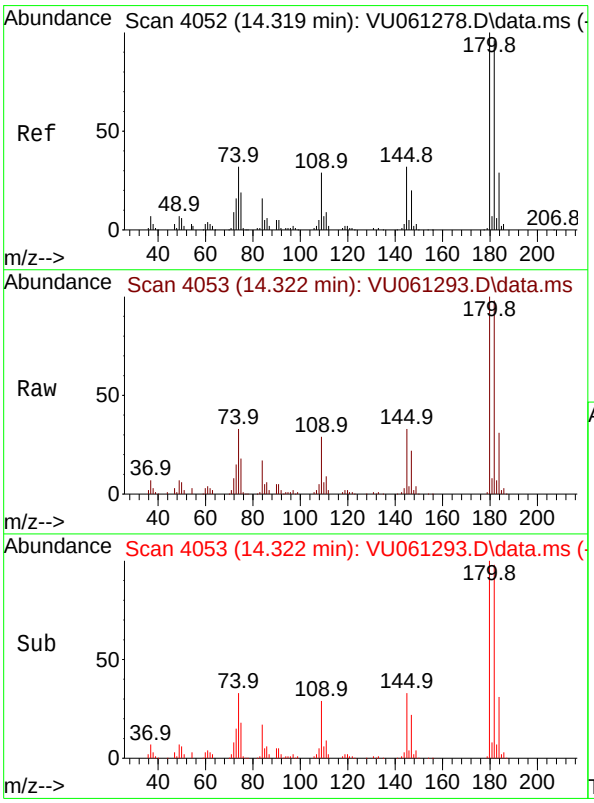

#71
Naphthalene
Concen: 51.426 ug/L
RT: 14.077 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

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

Tgt Ion:128 Resp: 340037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 10.7 | 8.3 | 12.5 |




#72
1,2,3-Trichlorobenzene
Concen: 51.766 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU061293.D
Acq: 30 Oct 2024 09:24

Tgt Ion:180 Resp: 104095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 76.7 | 115.1 |
| 145 | 32.6 | 25.6 | 38.4 |