Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
Data File : VX044743.D
Acq On : 28 Jan 2025 12:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jan 29 07:30:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 12:04:44 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.751 | 114 | 311278 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.049 | 117 | 272607 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 117967 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 130250 | 55.588 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 111.180% | | | |
| 7) Chloroethane-d5 | 1.642 | 69 | 45429 | 51.036 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 102.080% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.294 | 65 | 59715 | 59.622 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 119.240% | | | |
| 21) 2-Butanone-d5 | 4.452 | 46 | 128874 | 128.656 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 128.660% | | | |
| 24) Chloroform-d | 5.050 | 84 | 235917 | 57.298 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 114.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.946 | 65 | 141056 | 57.075 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 114.160% | | | |
| 32) Benzene-d6 | 5.964 | 84 | 487461 | 57.188 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 114.380% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.300 | 67 | 153606 | 56.934 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 113.860% | | | |
| 41) Toluene-d8 | 8.641 | 98 | 422188 | 55.963 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 111.920% | | | |
| 43) trans-1,3-Dichloroprop... | 8.946 | 79 | 73707 | 57.594 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 115.180% | | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 89745 | 112.395 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 112.400% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84 | 189647 | 56.566 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 113.140% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.317 | 152 | 136101 | 58.964 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 117.920% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 127539 | 57.290 | ug/L | 100 |
| 3) Chloromethane | 1.307 | 50 | 144452 | 52.627 | ug/L | 100 |
| 5) Vinyl chloride | 1.374 | 62 | 133371 | 52.909 | ug/L | 99 |
| 6) Bromomethane | 1.593 | 94 | 35259 | 51.679 | ug/L | 95 |
| 8) Chloroethane | 1.666 | 64 | 55747 | 55.388 | ug/L | 100 |
| 9) Trichlorofluoromethane | 1.874 | 101 | 170373 | 60.620 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319 | 101 | 116457 | 56.327 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.307 | 96 | 109521 | 56.768 | ug/L # | 81 |
| 13) Acetone | 2.380 | 43 | 120559 | 120.695 | ug/L | 99 |
| 14) Carbon disulfide | 2.502 | 76 | 332212 | 56.231 | ug/L | 99 |
| 15) Methyl Acetate | 2.703 | 43 | 131306 | 56.807 | ug/L | 100 |
| 16) Methylene chloride | 2.782 | 84 | 124840 | 56.576 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 3.087 | 96 | 112316 | 55.652 | ug/L | 96 |
| 18) Methyl tert-butyl Ether | 3.111 | 73 | 389038 | 55.912 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.599 | 63 | 219319 | 55.578 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 4.477 | 96 | 134236 | 55.566 | ug/L | 97 |
| 22) 2-Butanone | 4.556 | 43 | 186119 | 112.998 | ug/L | 98 |
| 23) Bromochloromethane | 4.891 | 128 | 64441 | 54.087 | ug/L | 96 |
| 25) Chloroform | 5.086 | 83 | 217515 | 54.328 | ug/L | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
Data File : VX044743.D
Acq On : 28 Jan 2025 12:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jan 29 07:30:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 12:04:44 2025
Response via : Initial Calibration

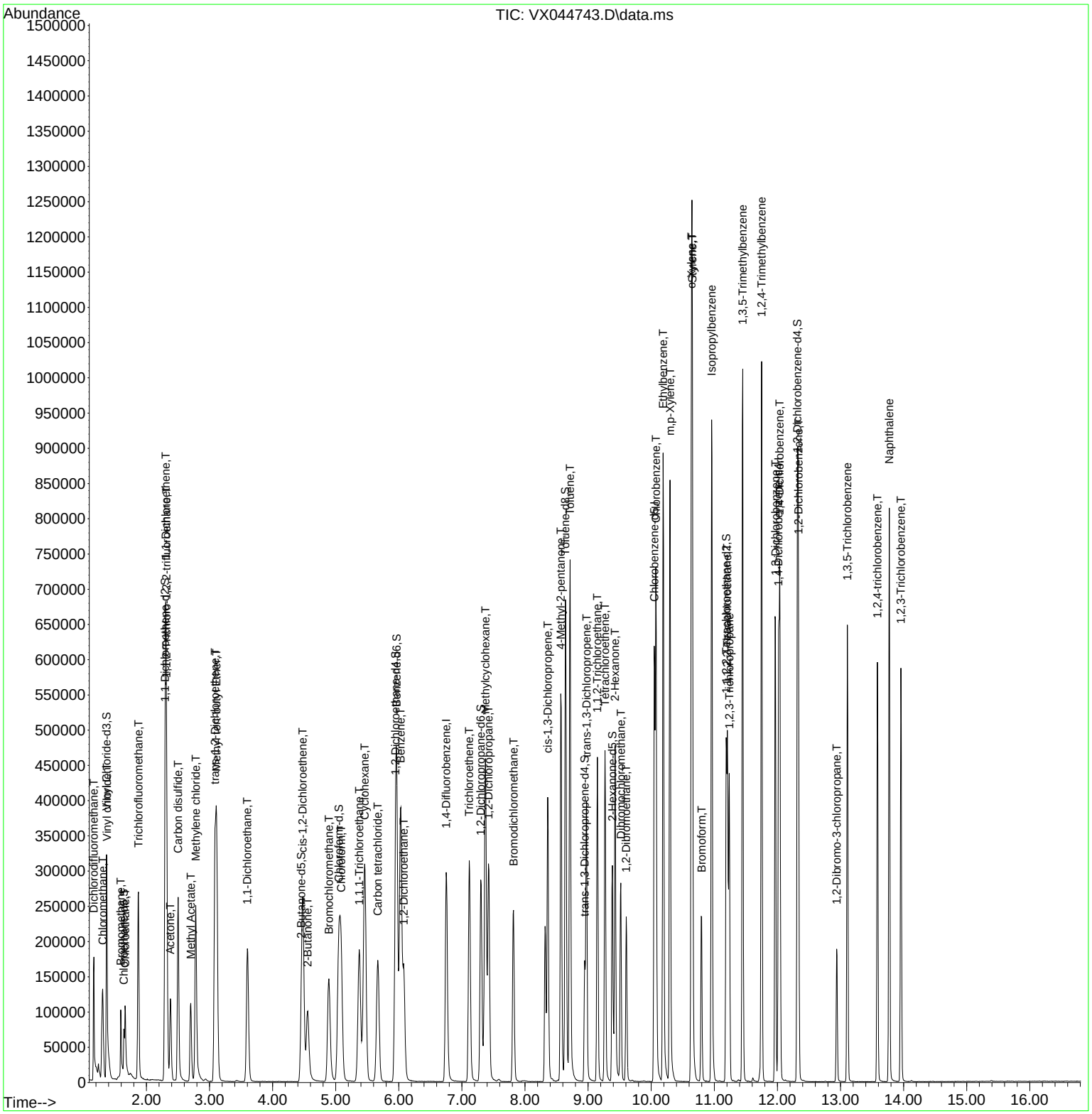
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 6.080 | 62 | 159813 | 53.205 | ug/L | 97 |
| 29) Cyclohexane | 5.458 | 56 | 224844 | 53.730 | ug/L | 98 |
| 30) 1,1,1-Trichloroethane | 5.373 | 97 | 182774 | 52.993 | ug/L | 99 |
| 31) Carbon tetrachloride | 5.666 | 117 | 156869 | 53.036 | ug/L | 99 |
| 33) Benzene | 6.031 | 78 | 488657 | 54.392 | ug/L | 100 |
| 34) Trichloroethene | 7.117 | 95 | 123225 | 53.899 | ug/L | 98 |
| 35) Methylcyclohexane | 7.373 | 83 | 217960 | 55.727 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 7.421 | 63 | 131165 | 53.977 | ug/L | 99 |
| 38) Bromodichloromethane | 7.818 | 83 | 163436 | 53.589 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 8.360 | 75 | 211408 | 53.587 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 8.568 | 43 | 342632 | 106.660 | ug/L | 99 |
| 42) Toluene | 8.714 | 91 | 492597 | 53.443 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 8.976 | 75 | 192177 | 54.414 | ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 9.147 | 97 | 122440 | 53.981 | ug/L | 99 |
| 46) Tetrachloroethene | 9.269 | 164 | 88485 | 54.503 | ug/L | 100 |
| 48) 2-Hexanone | 9.427 | 43 | 255985 | 111.209 | ug/L | 98 |
| 49) Dibromochloromethane | 9.519 | 129 | 124232 | 54.309 | ug/L | 100 |
| 50) 1,2-Dibromoethane | 9.604 | 107 | 127998 | 53.842 | ug/L | 98 |
| 51) Chlorobenzene | 10.073 | 112 | 312883 | 54.376 | ug/L | 99 |
| 52) Ethylbenzene | 10.189 | 91 | 558199 | 55.404 | ug/L | 99 |
| 53) m,p-Xylene | 10.299 | 106 | 210266 | 55.590 | ug/L | 94 |
| 54) o-Xylene | 10.640 | 106 | 203360 | 54.545 | ug/L | 99 |
| 55) Styrene | 10.653 | 104 | 337691 | 54.879 | ug/L | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 187103 | 53.166 | ug/L | 99 |
| 59) Bromoform | 10.799 | 173 | 85679 | 54.905 | ug/L | 99 |
| 60) Isopropylbenzene | 10.957 | 105 | 530082 | 55.950 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 11.238 | 75 | 139598 | 53.600 | ug/L | 100 |
| 62) 1,3,5-Trimethylbenzene | 11.451 | 105 | 440986 | 56.739 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 11.750 | 105 | 431830 | 56.096 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.969 | 146 | 215546 | 55.344 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 12.036 | 146 | 212980 | 54.938 | ug/L | 100 |
| 67) 1,2-Dichlorobenzene | 12.335 | 146 | 210991 | 54.641 | ug/L | 98 |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75 | 37691 | 53.112 | ug/L | 95 |
| 69) 1,3,5-Trichlorobenzene | 13.109 | 180 | 143427 | 56.200 | ug/L | 98 |
| 70) 1,2,4-trichlorobenzene | 13.585 | 180 | 129561 | 56.311 | ug/L | 99 |
| 71) Naphthalene | 13.774 | 128 | 488326 | 54.726 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 13.957 | 180 | 129991 | 55.717 | ug/L | 99 |

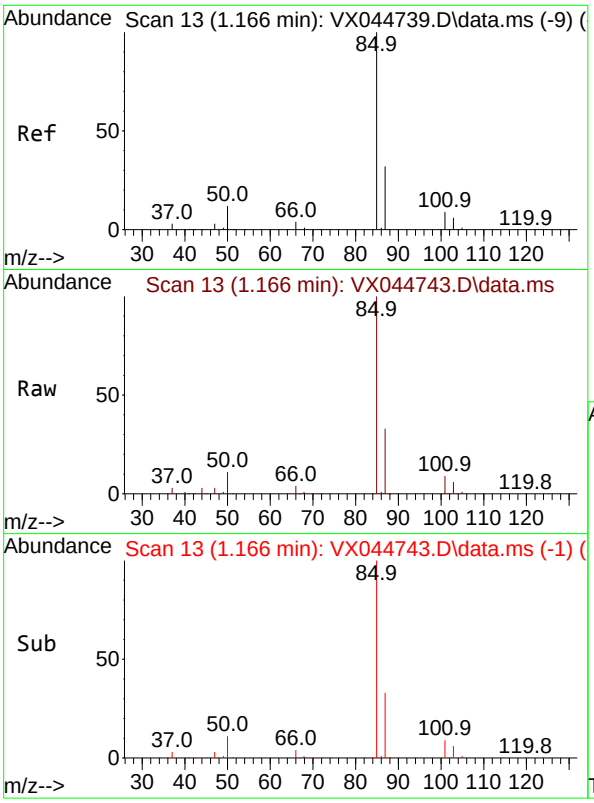
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
Data File : VX044743.D
Acq On : 28 Jan 2025 12:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jan 29 07:30:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 12:04:44 2025
Response via : Initial Calibration



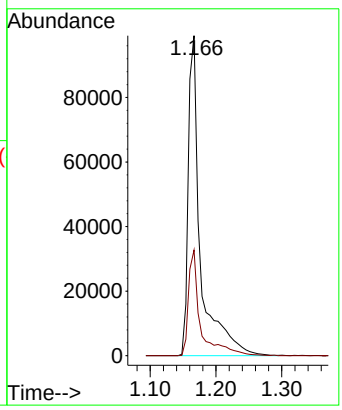


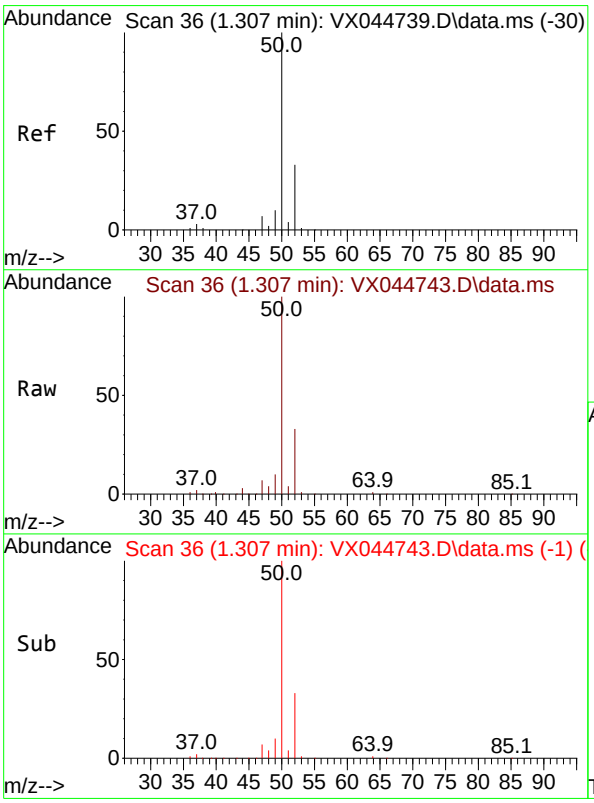

#2
Dichlorodifluoromethane
Concen: 57.290 ug/L
RT: 1.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 85 Resp: 127539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 25.9 | 38.9 |

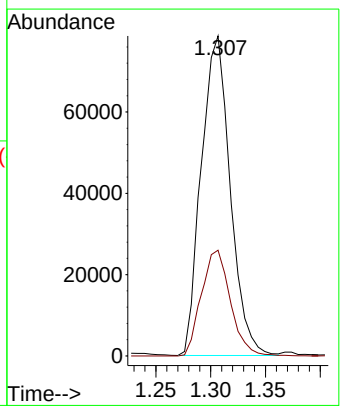


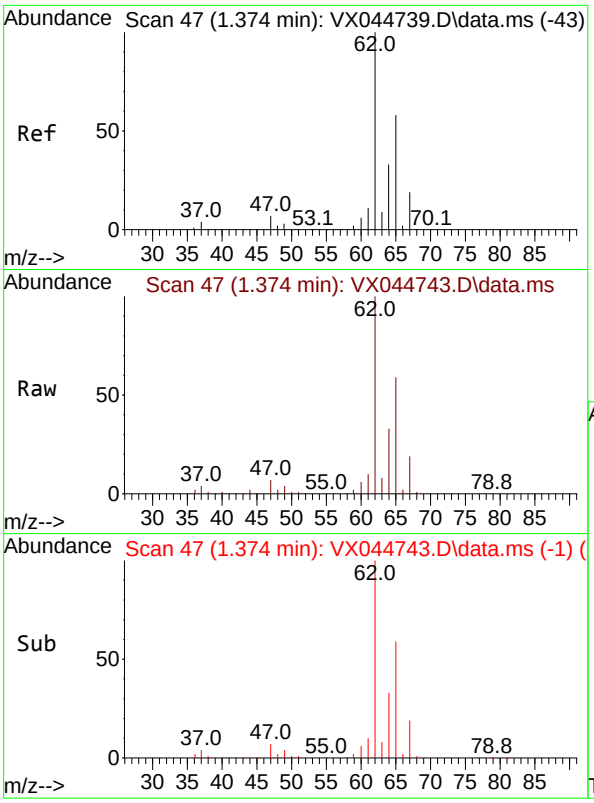




#3
Chloromethane
Concen: 52.627 ug/L
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 50 Resp: 144452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 23.3 | 43.3 |



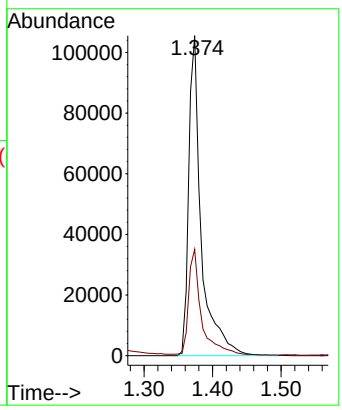


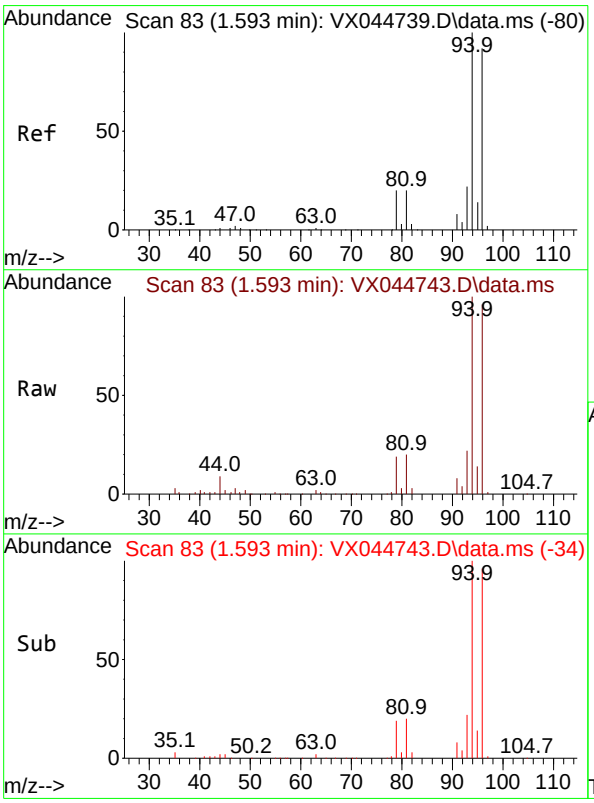

#5
Vinyl chloride
Concen: 52.909 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 62 Resp: 133371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.3 | 23.7 | 44.1 |

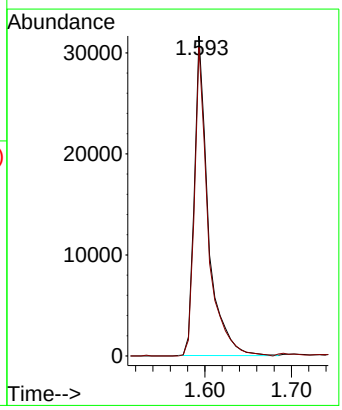


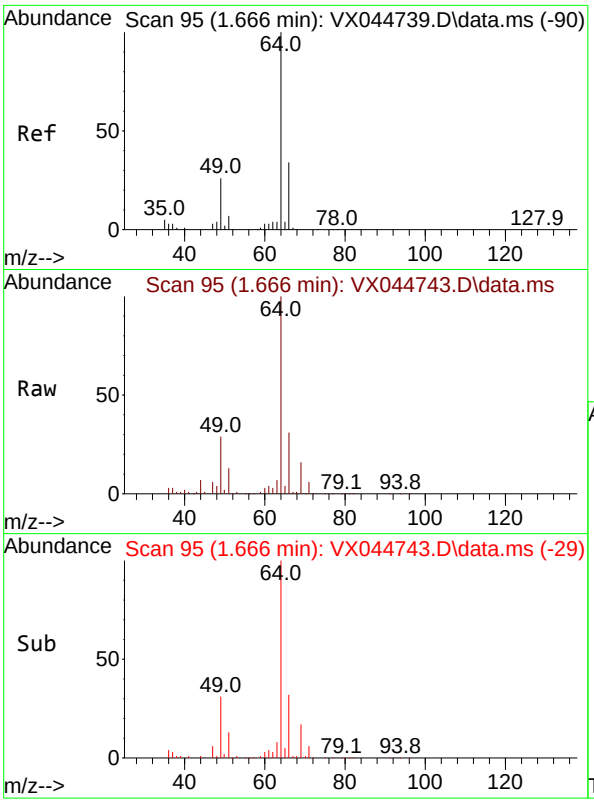




#6
Bromomethane
Concen: 51.679 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 94 Resp: 35259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.5 | 64.3 | 119.3 |



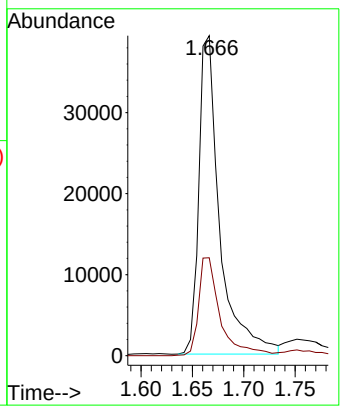


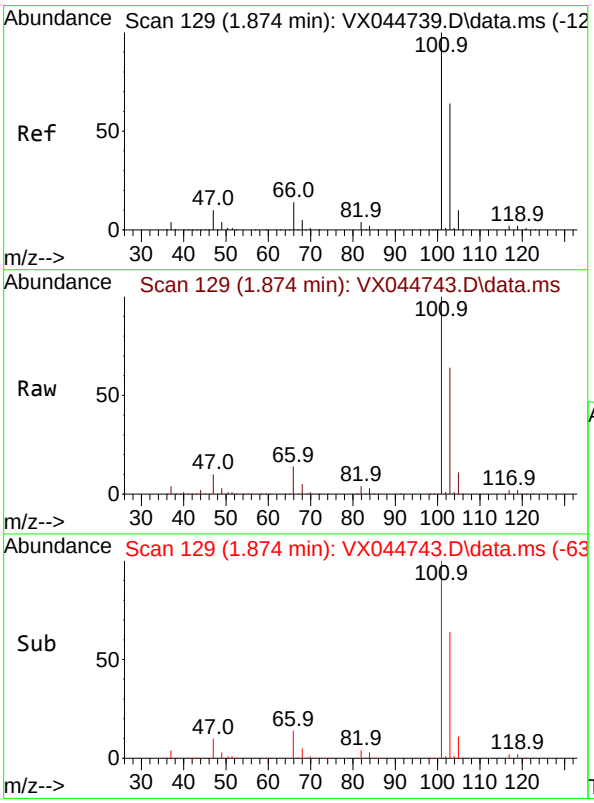

#8
Chloroethane
Concen: 55.388 ug/L
RT: 1.666 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 64 Resp: 55747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 21.4 | 39.8 |

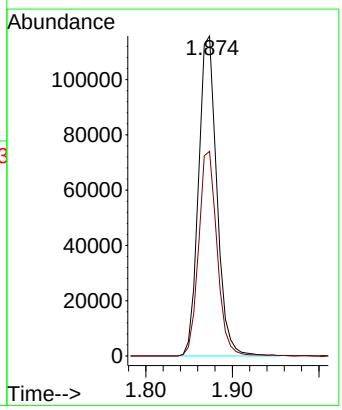


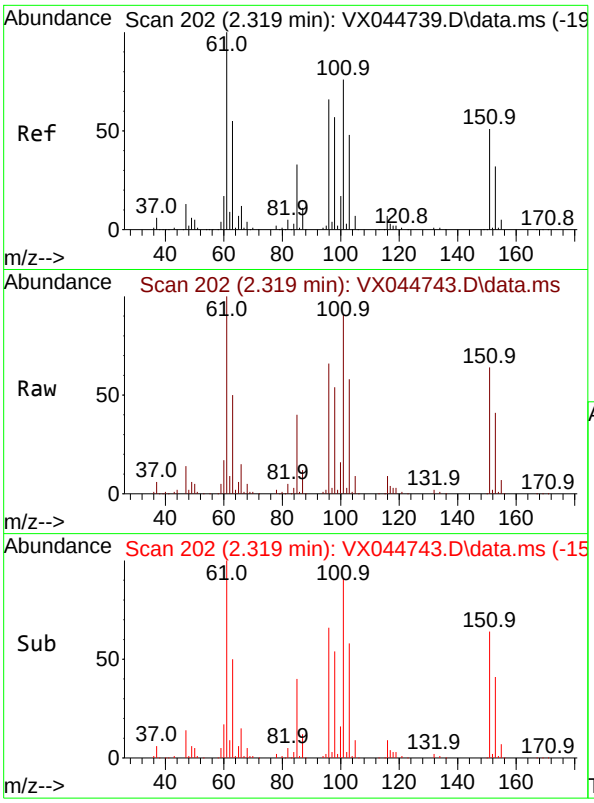




#9
Trichlorofluoromethane
Concen: 60.620 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:101 Resp: 170373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.1 | 52.2 | 78.2 |



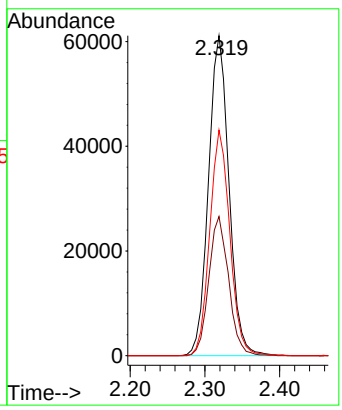


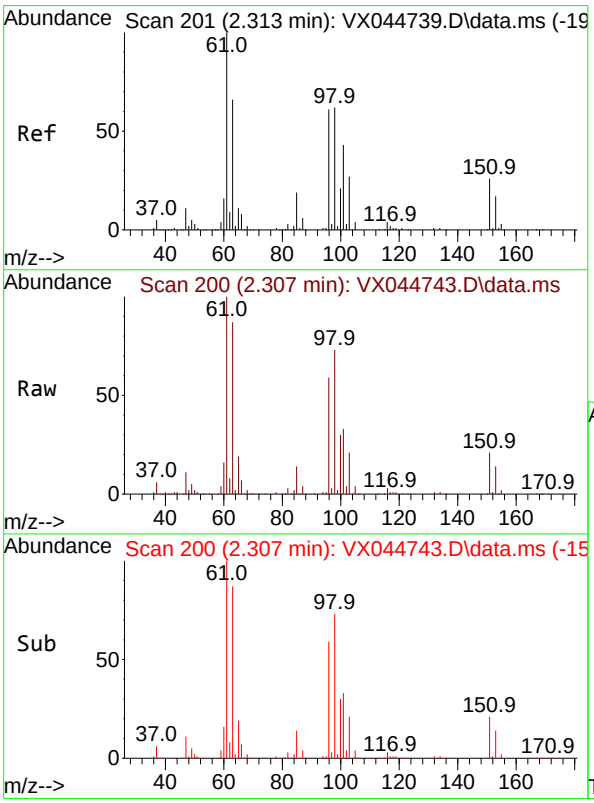

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.327 ug/L
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:101 Resp: 116457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.2 | 35.4 | 53.0 |
| 151 | 69.3 | 57.0 | 85.4 |

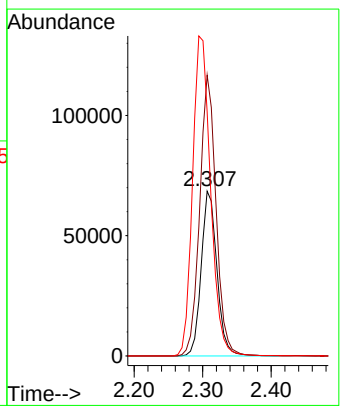


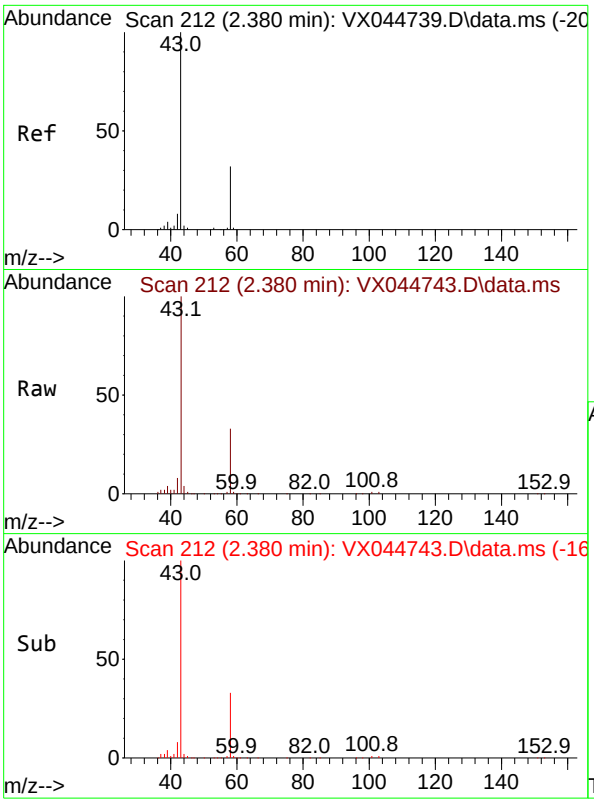




#12
1,1-Dichloroethene
Concen: 56.768 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 96 Resp: 109521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.4 | 115.1 | 213.8 |
| 63 | 148.0 | 74.1 | 137.5# |



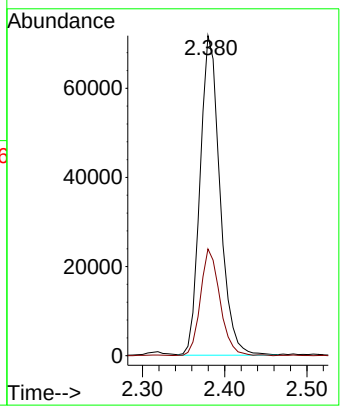


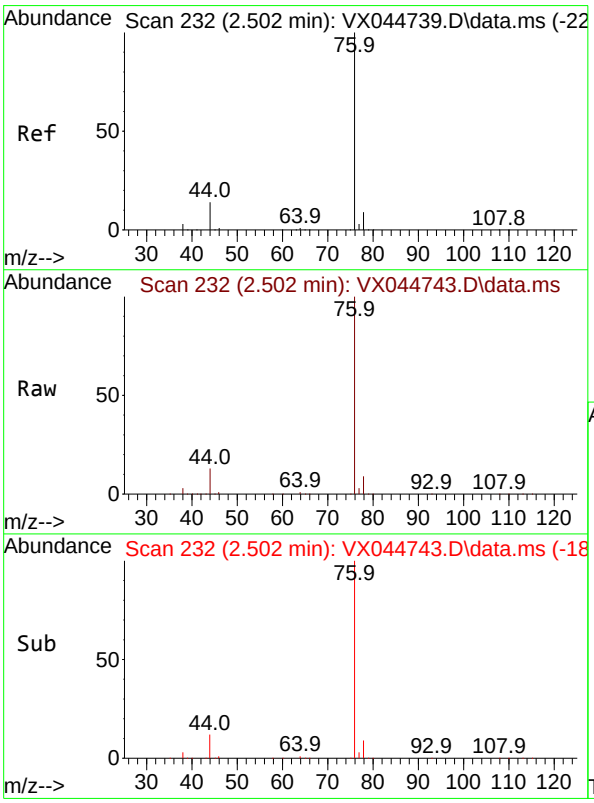

#13
Acetone
Concen: 120.695 ug/L
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 120559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.7 | 0.0 | 64.6 |

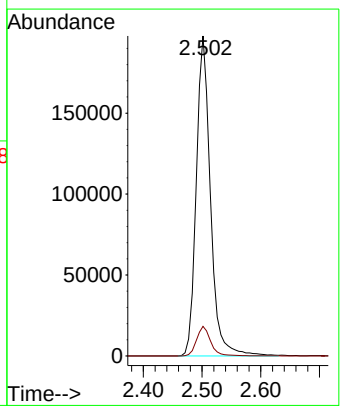


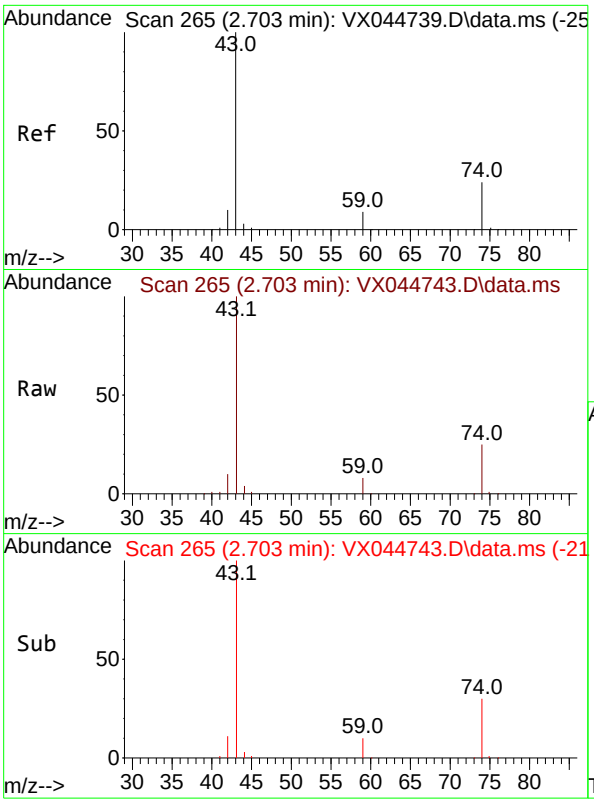




#14
Carbon disulfide
Concen: 56.231 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 76 Resp: 332212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.2 | 10.8 |



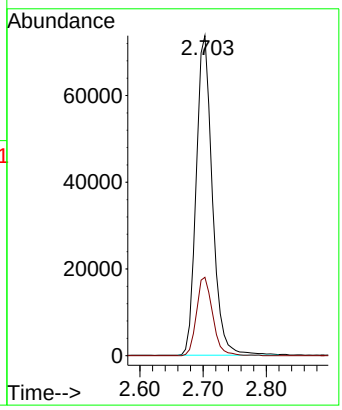


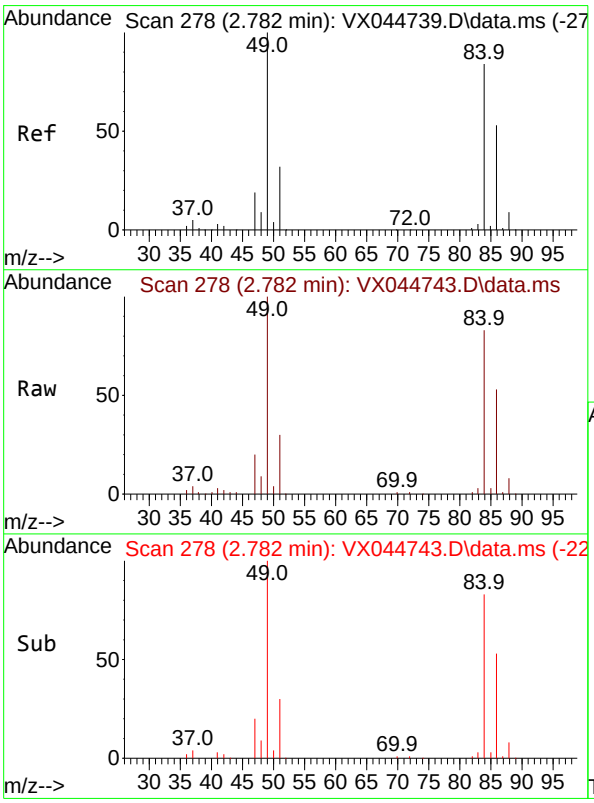

#15
Methyl Acetate
Concen: 56.807 ug/L
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 131306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.5 | 19.7 | 29.5 |

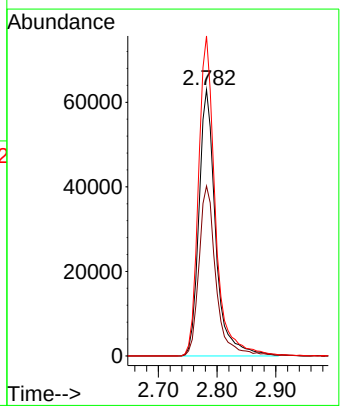


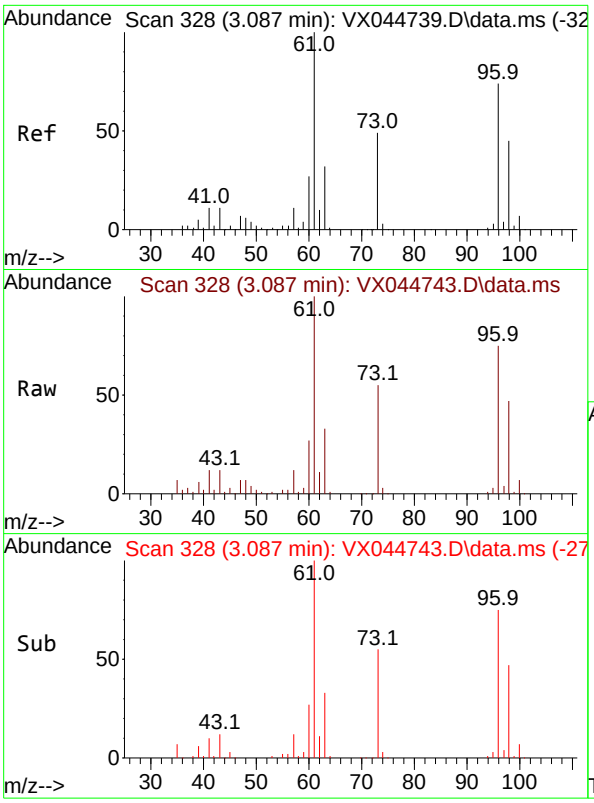




#16
Methylene chloride
Concen: 56.576 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 84 Resp: 124840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.9 | 45.6 | 84.8 |
| 49 | 120.2 | 84.6 | 157.0 |



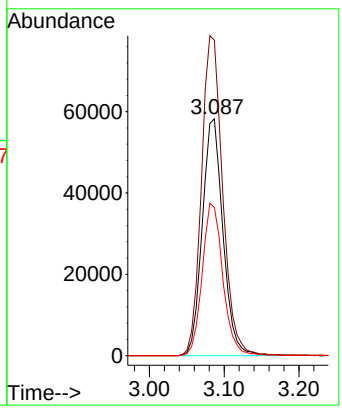


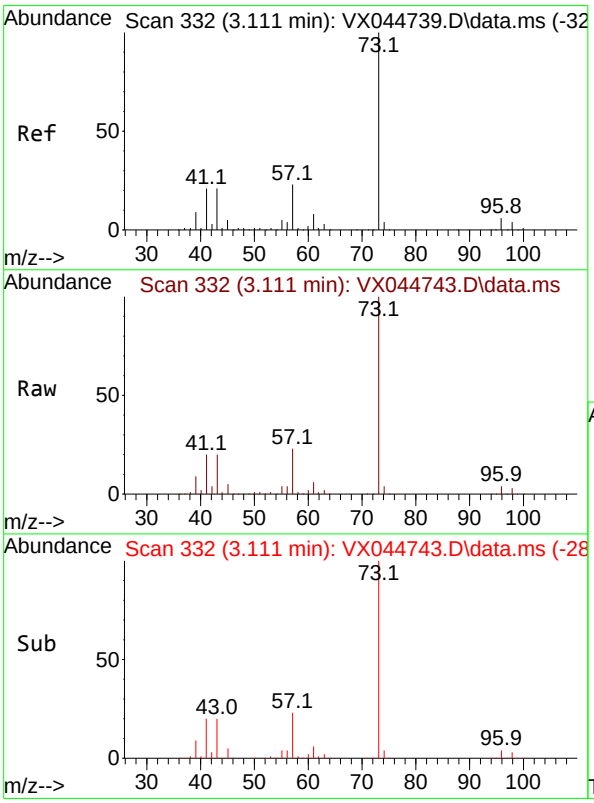

#17
trans-1,2-Dichloroethene
Concen: 55.652 ug/L
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 96 Resp: 112316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.1 | 98.3 | 182.7 |
| 98 | 62.6 | 44.1 | 81.9 |

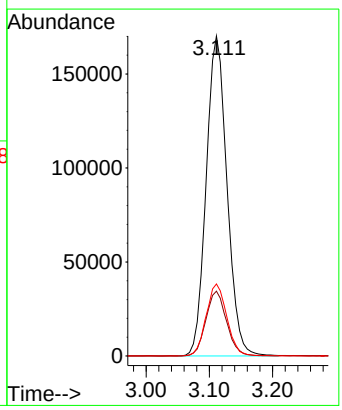


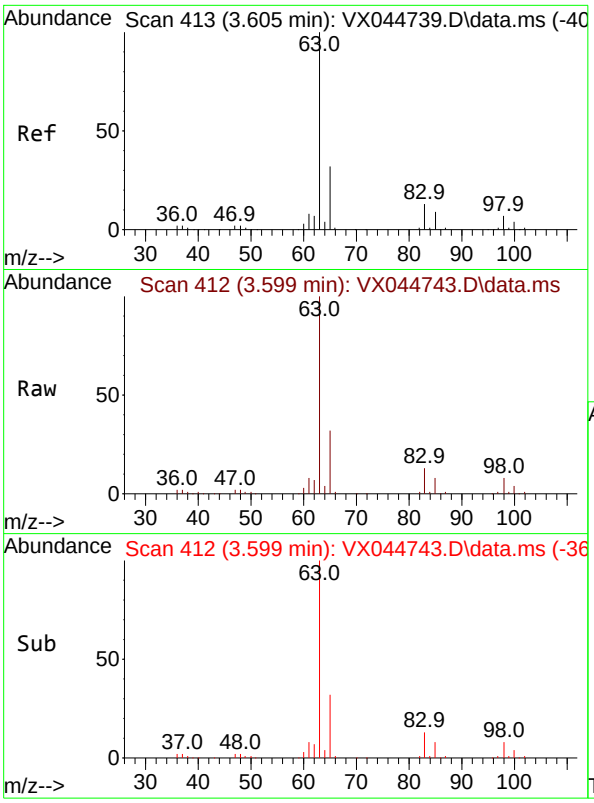




#18
Methyl tert-butyl Ether
Concen: 55.912 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 73 Resp: 389038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 20.1 | 16.9 | 25.3 |
| 57 | 22.3 | 17.4 | 26.0 |



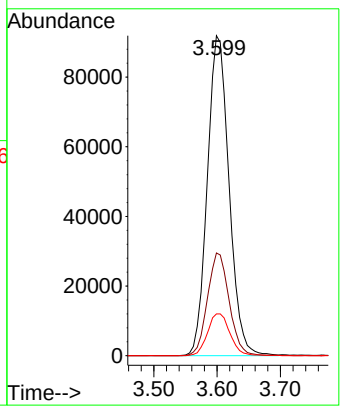


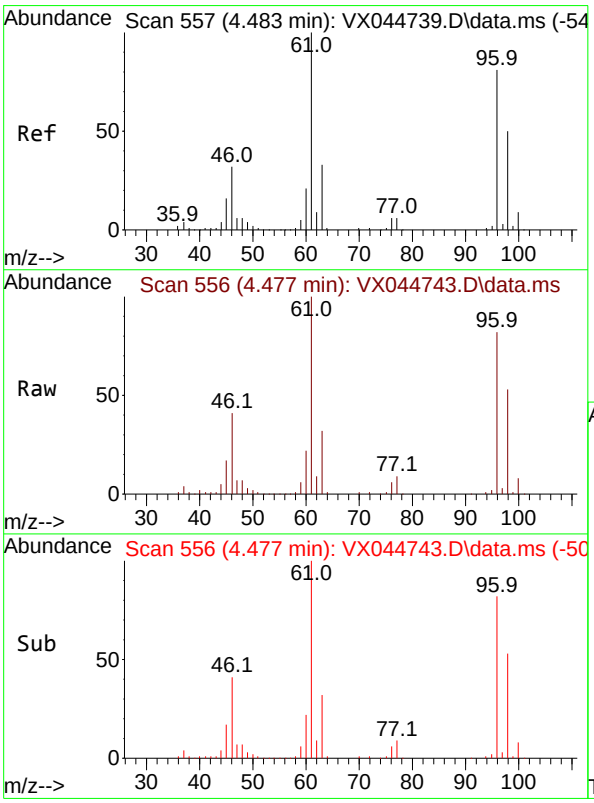

#19
1,1-Dichloroethane
Concen: 55.578 ug/L
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 63 Resp: 219319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.1 | 21.8 | 40.6 |
| 83 | 13.1 | 9.4 | 17.4 |

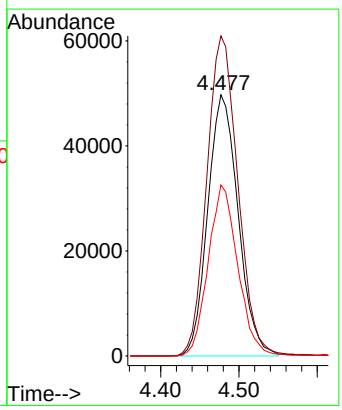


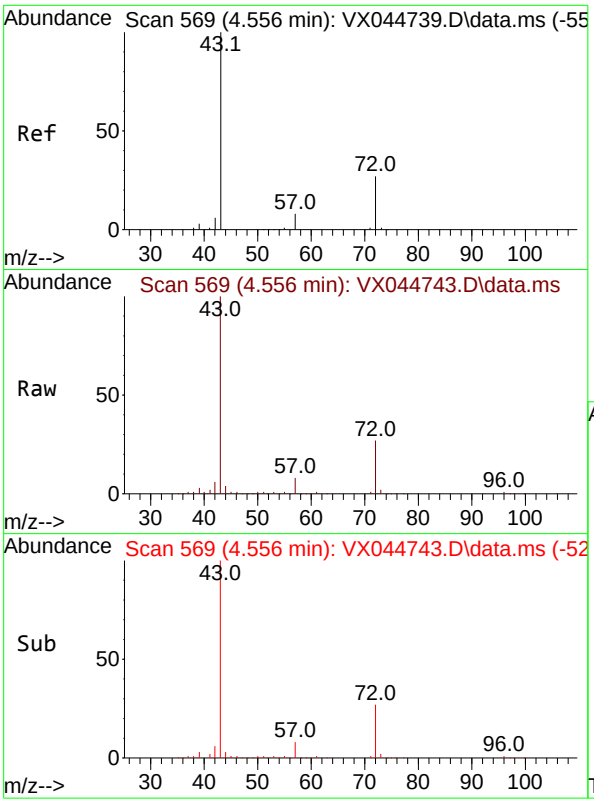




#20
cis-1,2-Dichloroethene
Concen: 55.566 ug/L
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 96 Resp: 134236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 122.6 | 88.3 | 163.9 |
| 98 | 65.5 | 44.6 | 82.8 |



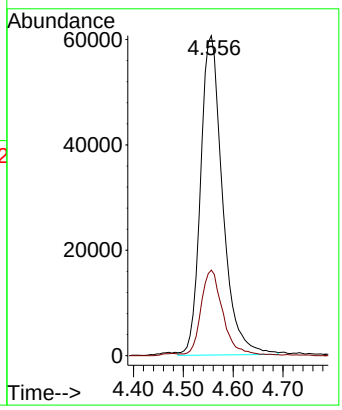


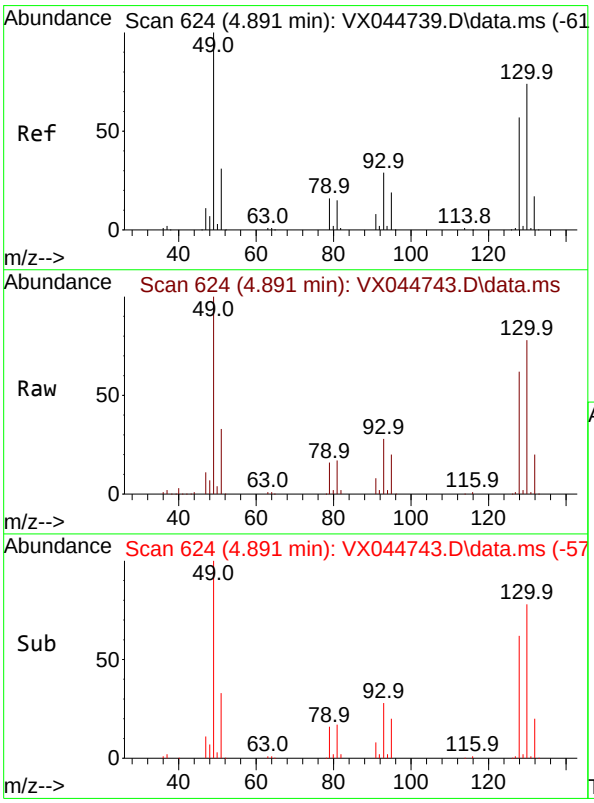

#22
2-Butanone
Concen: 112.998 ug/L
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 186119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.9 | 13.4 | 40.2 |

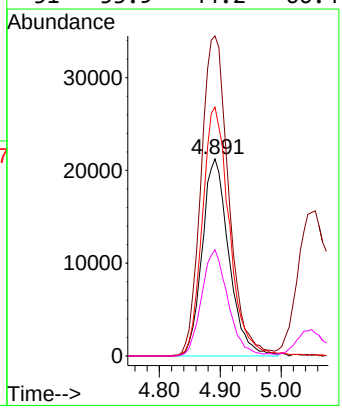


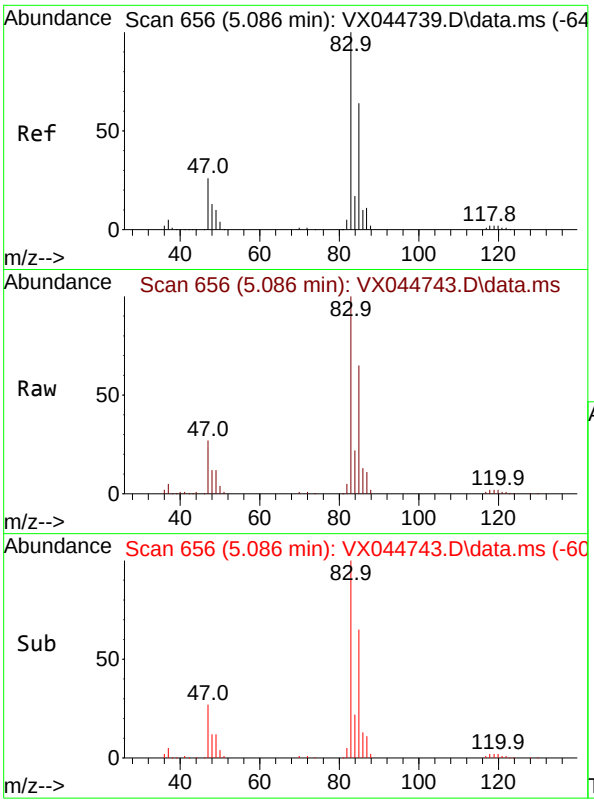




#23
Bromochloromethane
Concen: 54.087 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:128 Resp: 64441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 162.5 | 117.6 | 218.4 |
| 130 | 126.3 | 92.0 | 170.9 |
| 51 | 53.9 | 44.2 | 66.4 |



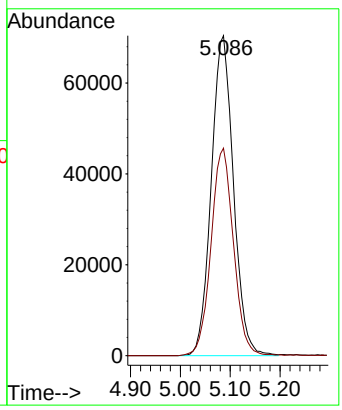


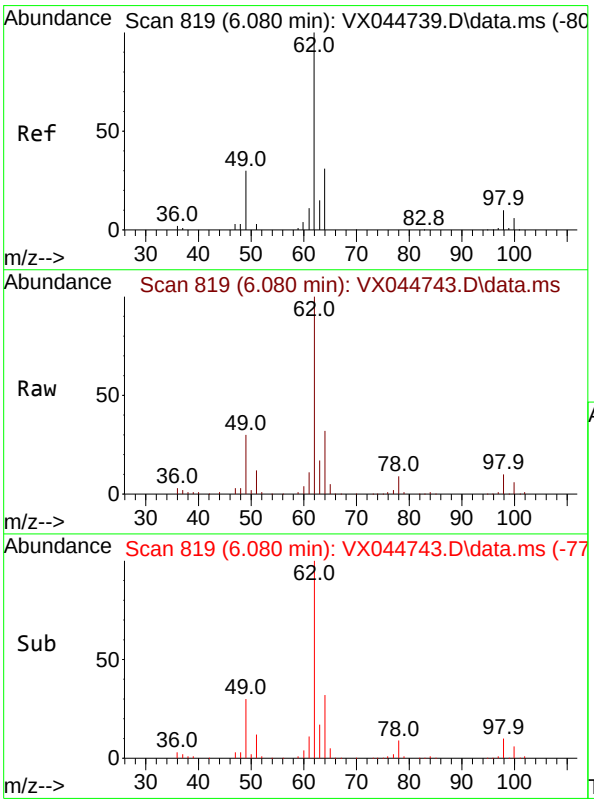

#25
Chloroform
Concen: 54.328 ug/L
RT: 5.086 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 83 Resp: 217515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 45.4 | 84.2 |

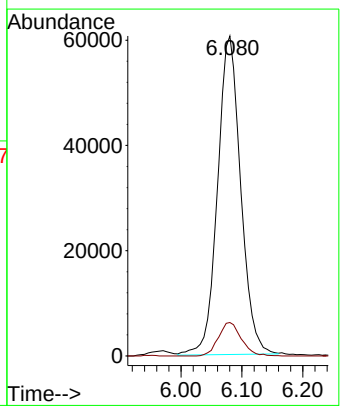


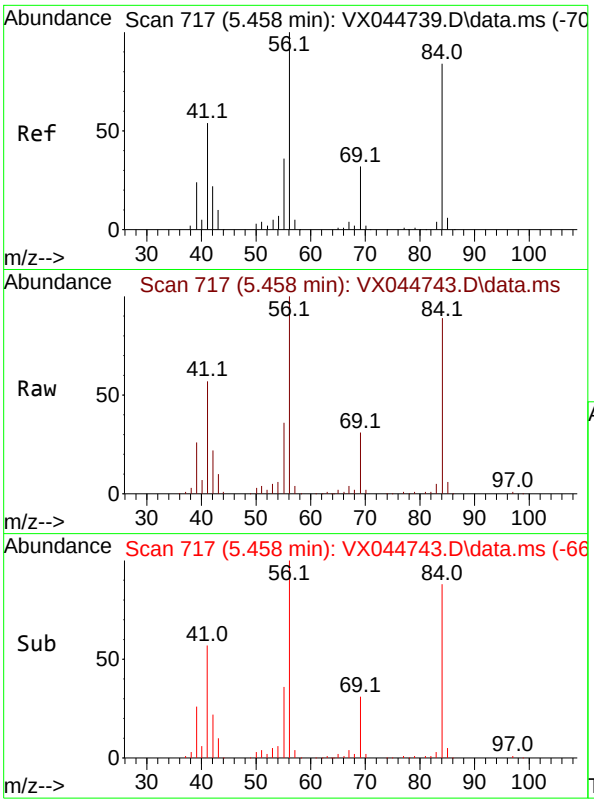




#27
1,2-Dichloroethane
Concen: 53.205 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 62 Resp: 159813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 7.4 | 11.2 |



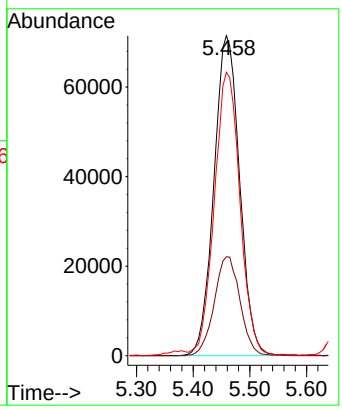


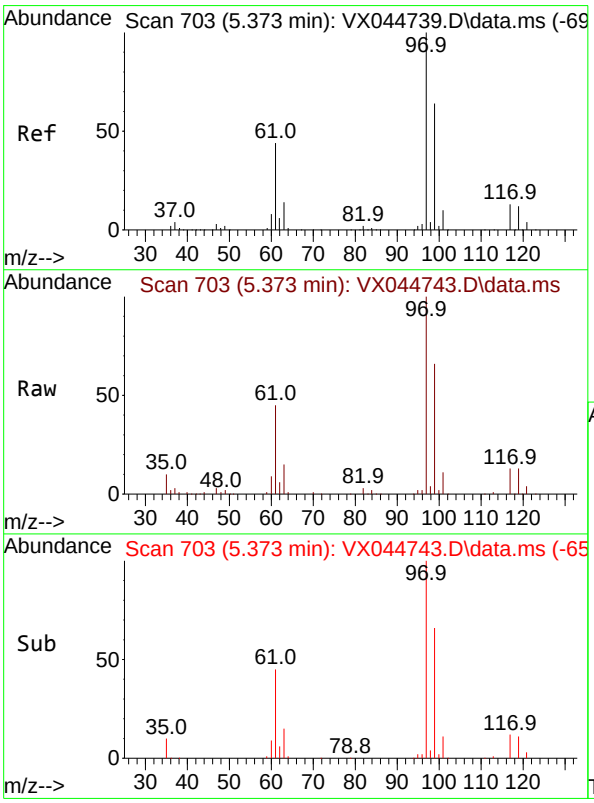

#29
Cyclohexane
Concen: 53.730 ug/L
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 224844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.0 | 25.4 | 38.2 |
| 84 | 87.9 | 71.6 | 107.4 |

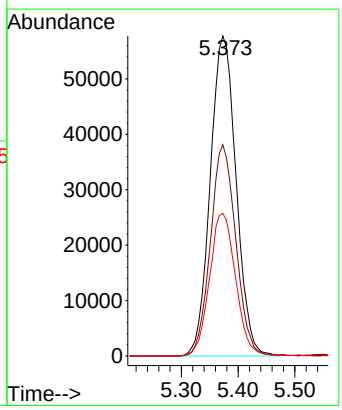


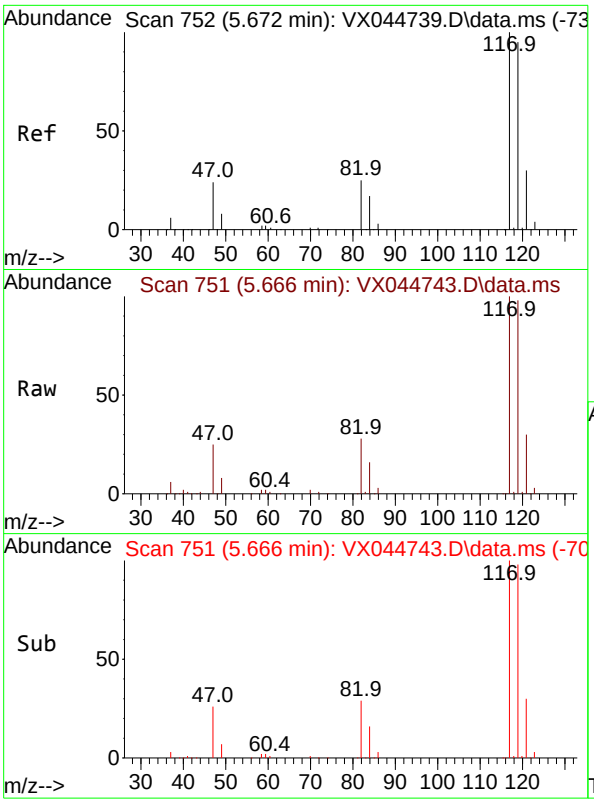




#30
1,1,1-Trichloroethane
Concen: 52.993 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 97 Resp: 182774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.7 | 51.0 | 76.4 |
| 61 | 44.9 | 35.8 | 53.6 |



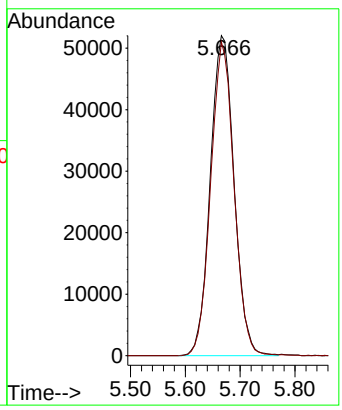


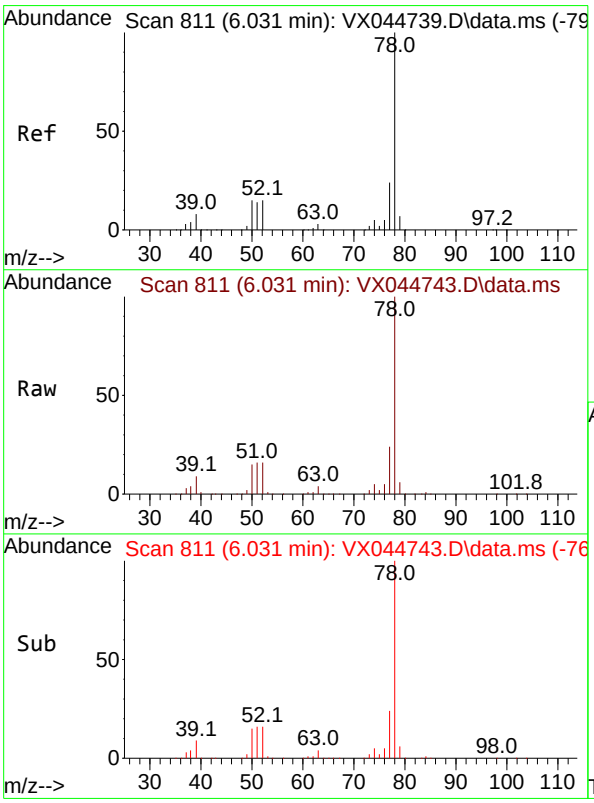

#31
Carbon tetrachloride
Concen: 53.036 ug/L
RT: 5.666 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 156869

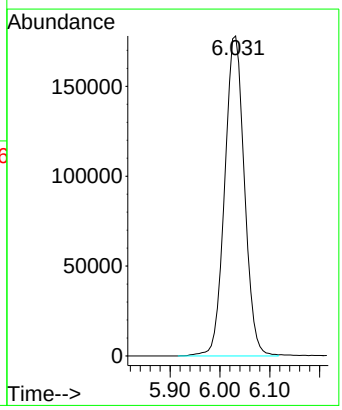
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 77.1 | 115.7 |

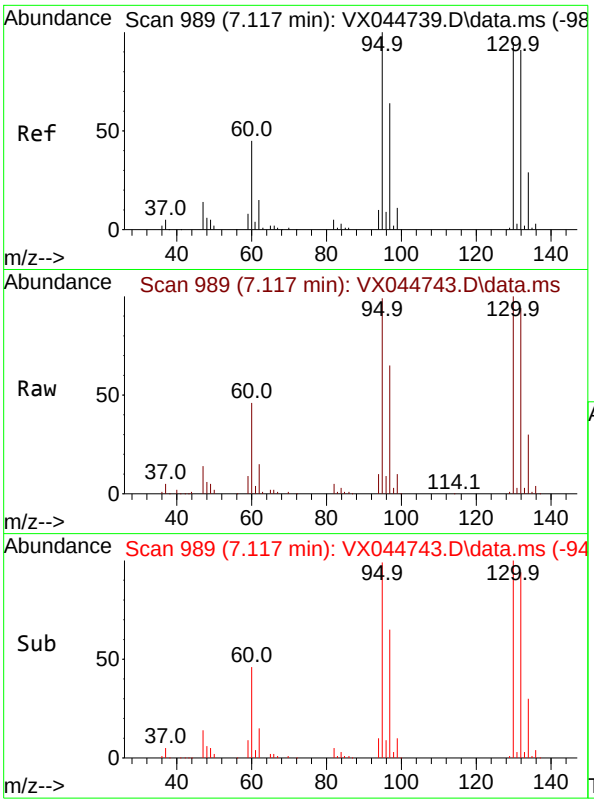



#33
Benzene
Concen: 54.392 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 78 Resp: 488657



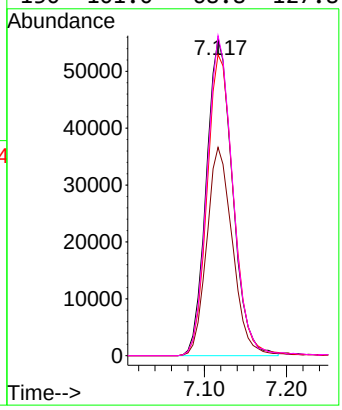


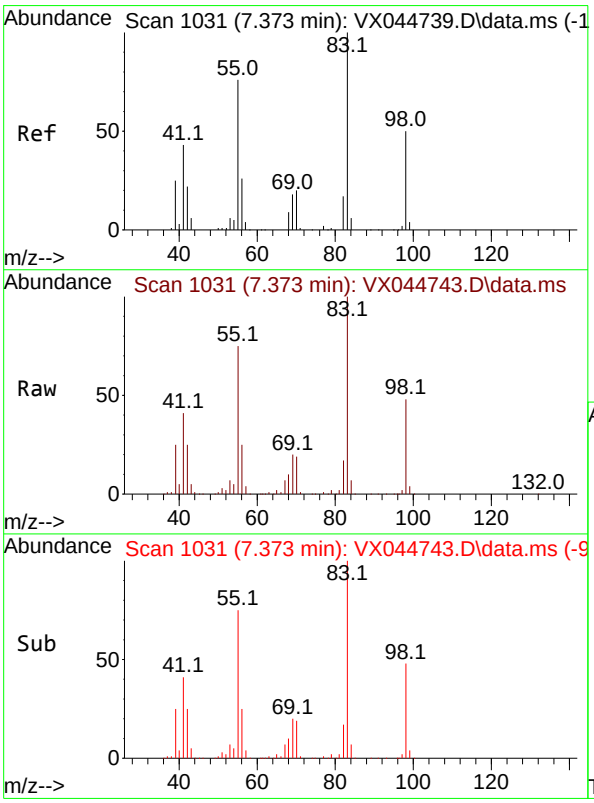

#34
Trichloroethene
Concen: 53.899 ug/L
RT: 7.117 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 95 Resp: 123225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.7 | 46.1 | 85.5 |
| 132 | 95.0 | 64.5 | 119.9 |
| 130 | 101.0 | 68.8 | 127.8 |

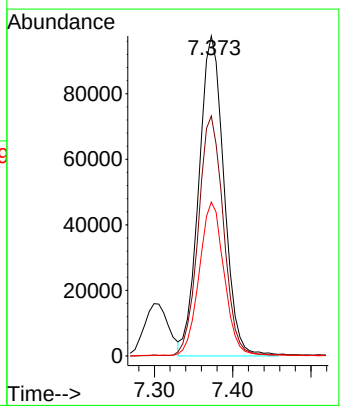


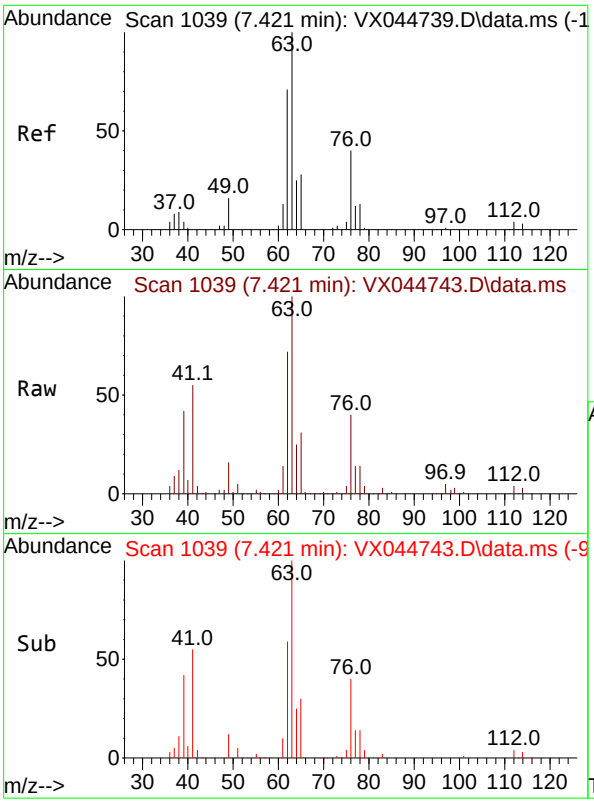




#35
Methylcyclohexane
Concen: 55.727 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 83 Resp: 217960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.9 | 60.6 | 90.8 |
| 98 | 47.2 | 38.9 | 58.3 |



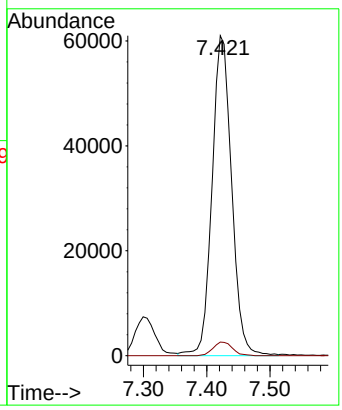


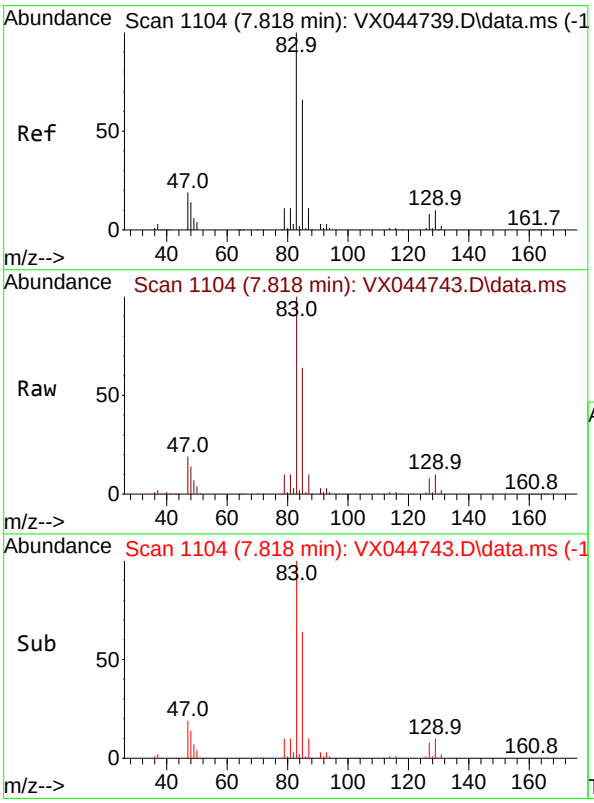

#37
1,2-Dichloropropane
Concen: 53.977 ug/L
RT: 7.421 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 63 Resp: 131165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.2 | 3.5 | 5.3 |

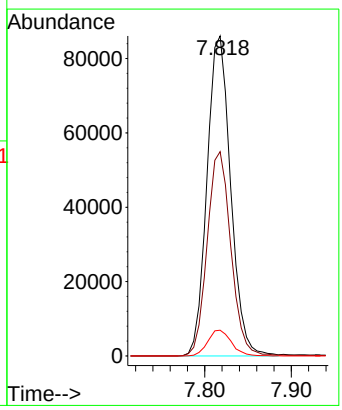


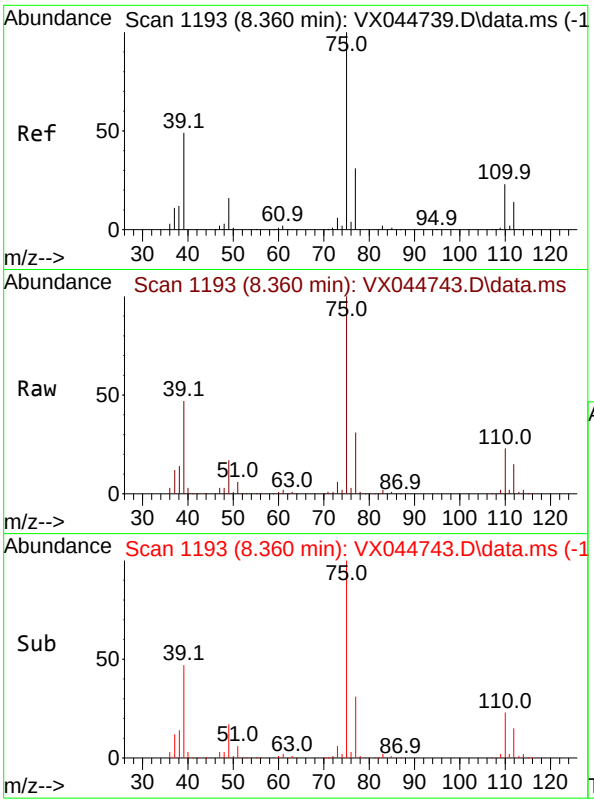




#38
Bromodichloromethane
Concen: 53.589 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 83 Resp: 163436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 43.8 | 81.3 |
| 127 | 8.0 | 6.5 | 9.7 |



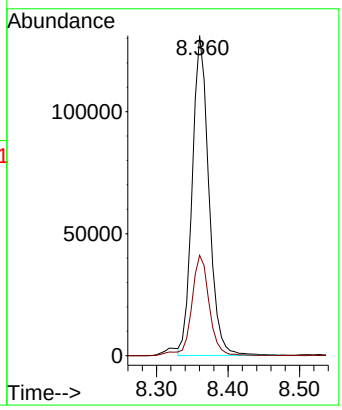


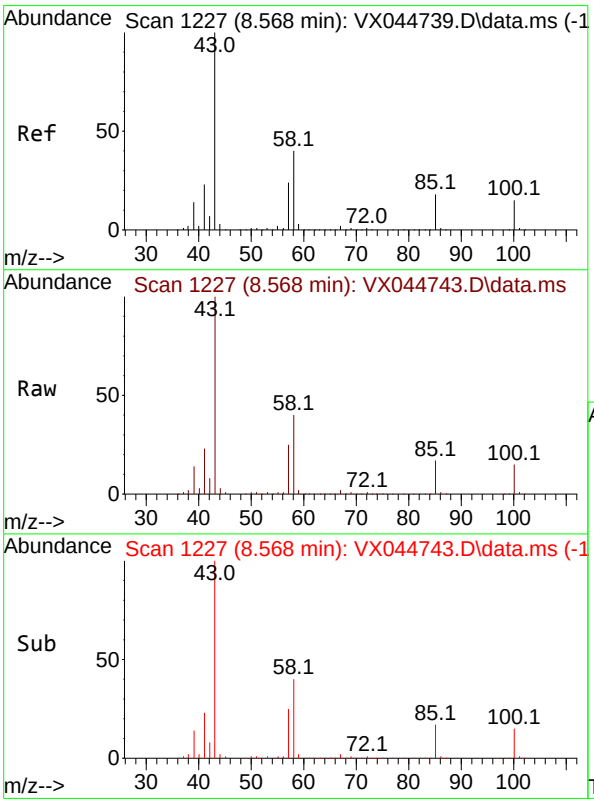

#39
cis-1,3-Dichloropropene
Concen: 53.587 ug/L
RT: 8.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 211408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 21.7 | 40.3 |

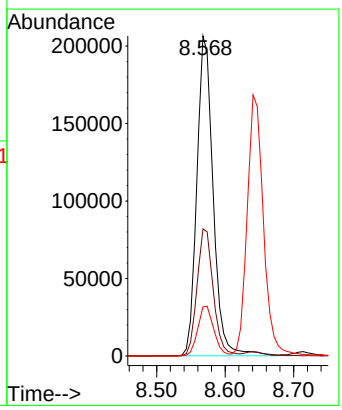


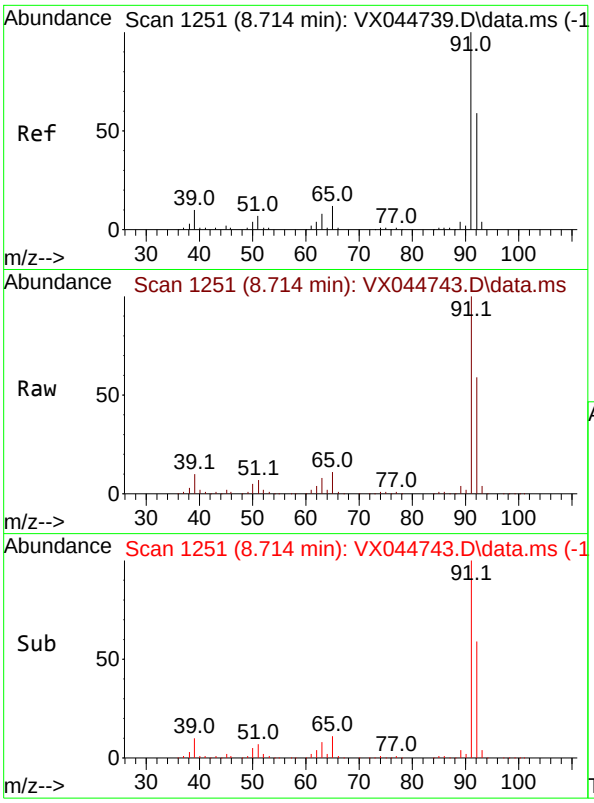




#40
4-Methyl-2-pentanone
Concen: 106.660 ug/L
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 43 Resp: 342632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.6 | 32.1 | 48.1 |
| 100 | 15.3 | 12.9 | 19.3 |



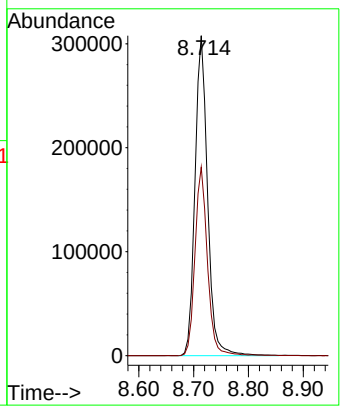


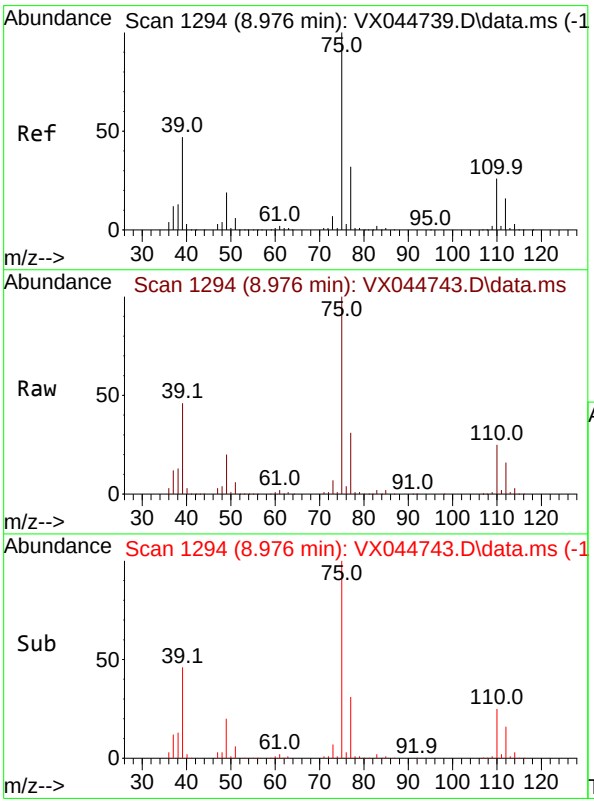

#42
Toluene
Concen: 53.443 ug/L
RT: 8.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 91 Resp: 492597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.9 | 40.7 | 75.5 |

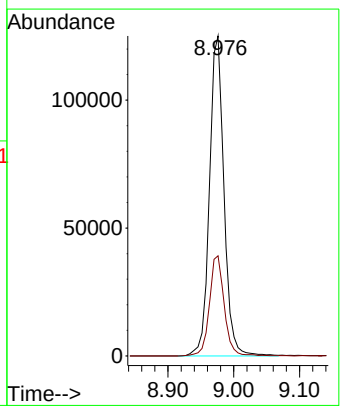


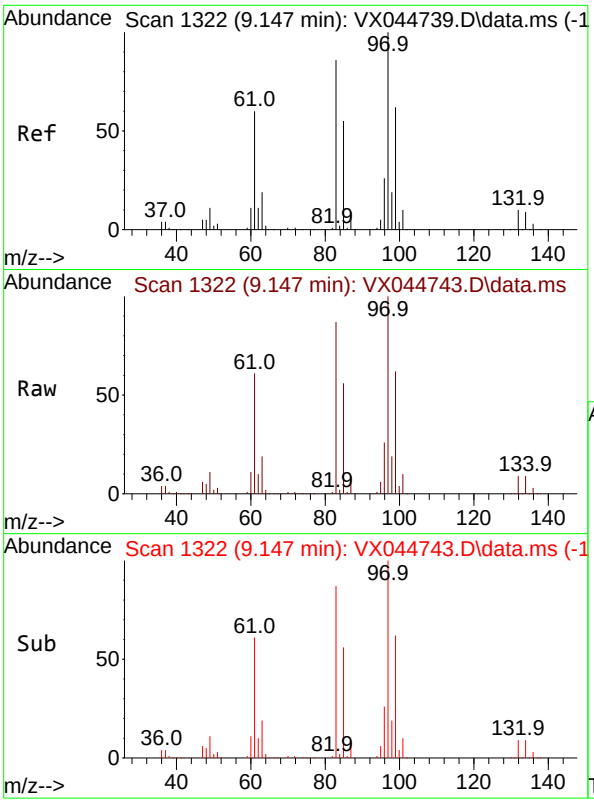




#44
trans-1,3-Dichloropropene
Concen: 54.414 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 75 Resp: 192177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 22.4 | 41.6 |



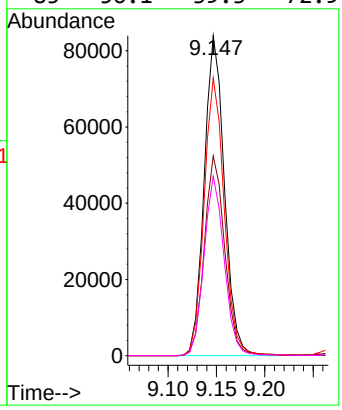


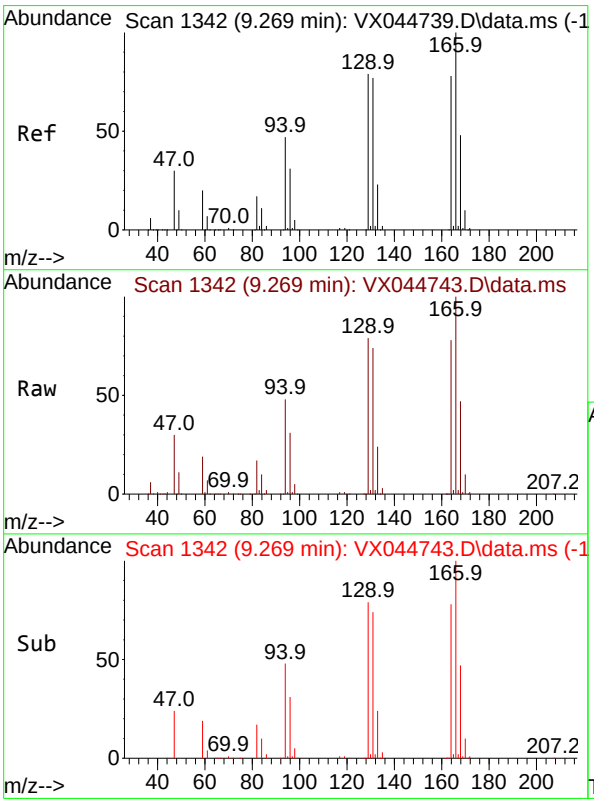

#45
1,1,2-Trichloroethane
Concen: 53.981 ug/L
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 97 Resp: 122440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.4 | 44.8 | 83.2 |
| 83 | 86.8 | 60.8 | 113.0 |
| 85 | 56.1 | 39.3 | 72.9 |

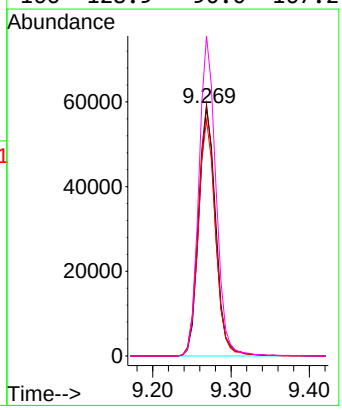


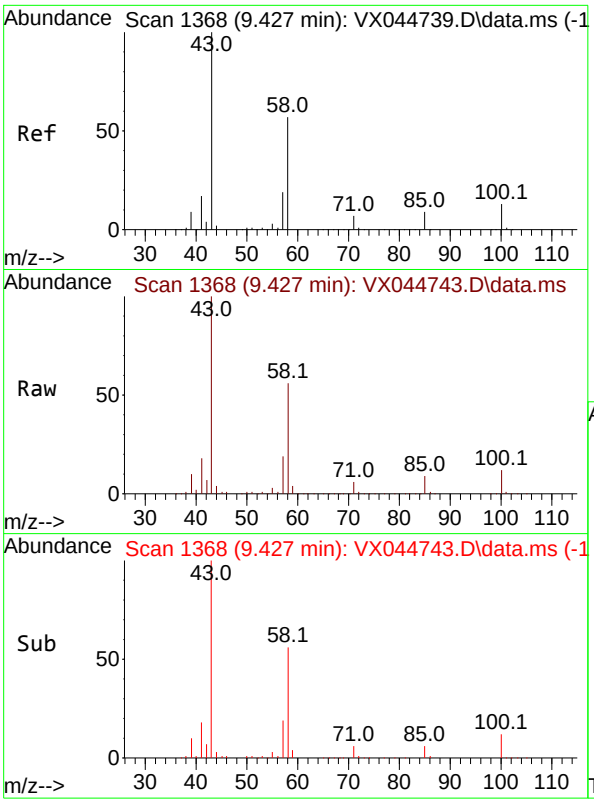




#46
Tetrachloroethene
Concen: 54.503 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:164 Resp: 88485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 101.5 | 71.2 | 132.2 |
| 131 | 95.0 | 67.2 | 124.8 |
| 166 | 128.9 | 90.0 | 167.2 |



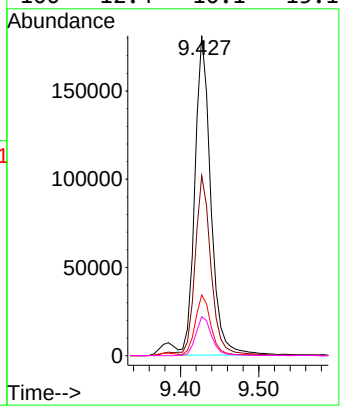


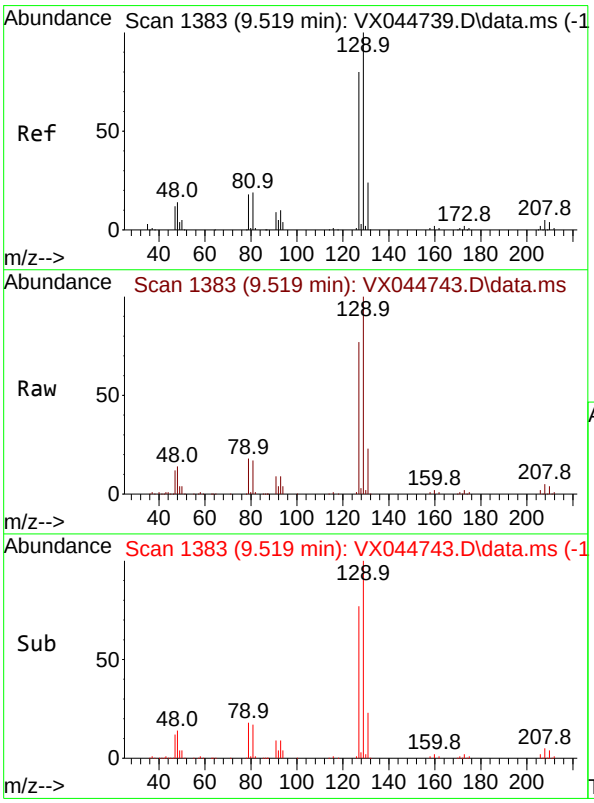

#48
2-Hexanone
Concen: 111.209 ug/L
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 255985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.3 | 44.3 | 66.5 |
| 57 | 17.9 | 15.9 | 23.9 |
| 100 | 12.4 | 10.1 | 15.1 |

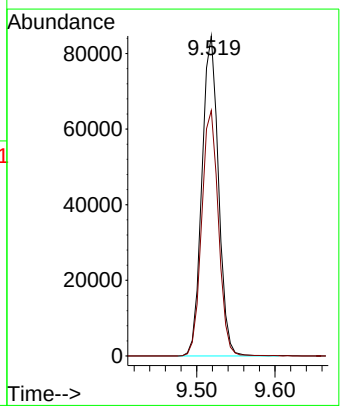


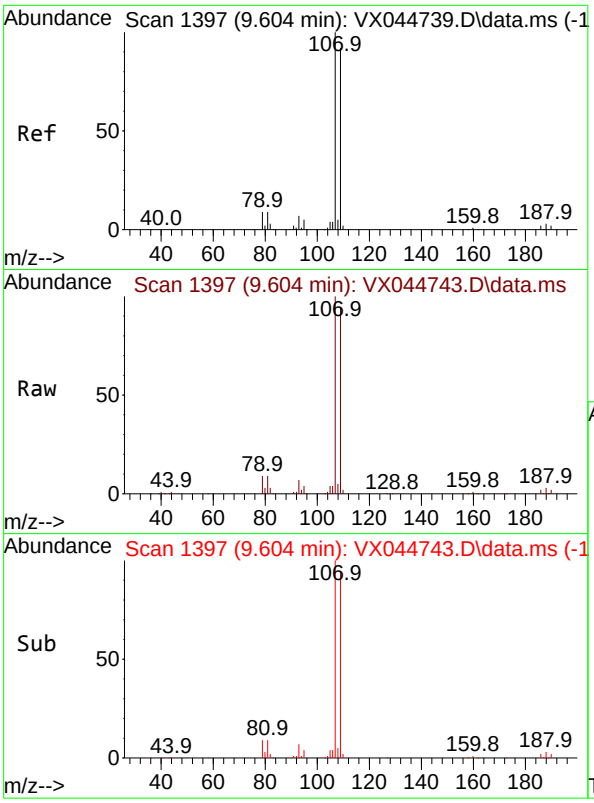




#49
Dibromochloromethane
Concen: 54.309 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:129 Resp: 124232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.7 | 53.6 | 99.6 |



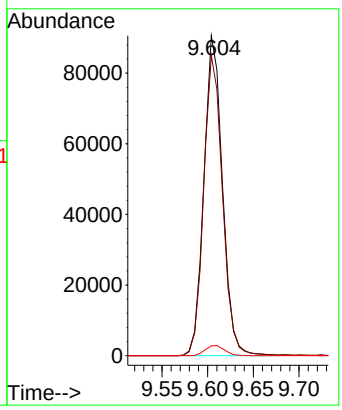


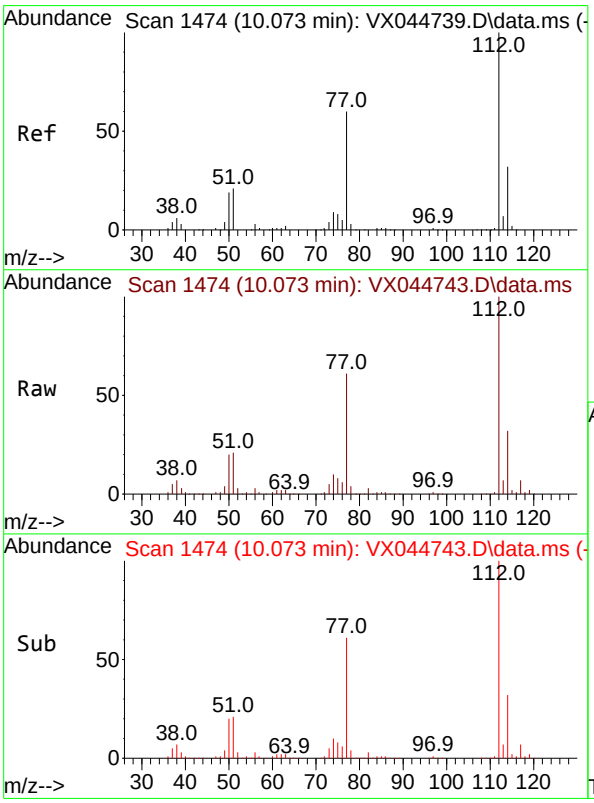

#50
1,2-Dibromoethane
Concen: 53.842 ug/L
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:107 Resp: 127998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 67.2 | 124.8 |
| 188 | 3.1 | 2.2 | 3.4 |

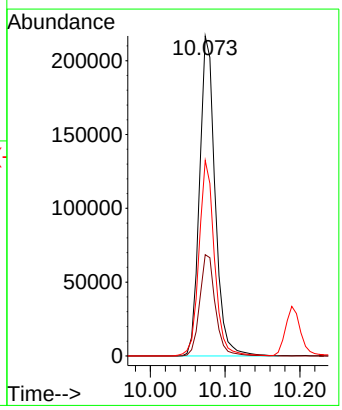


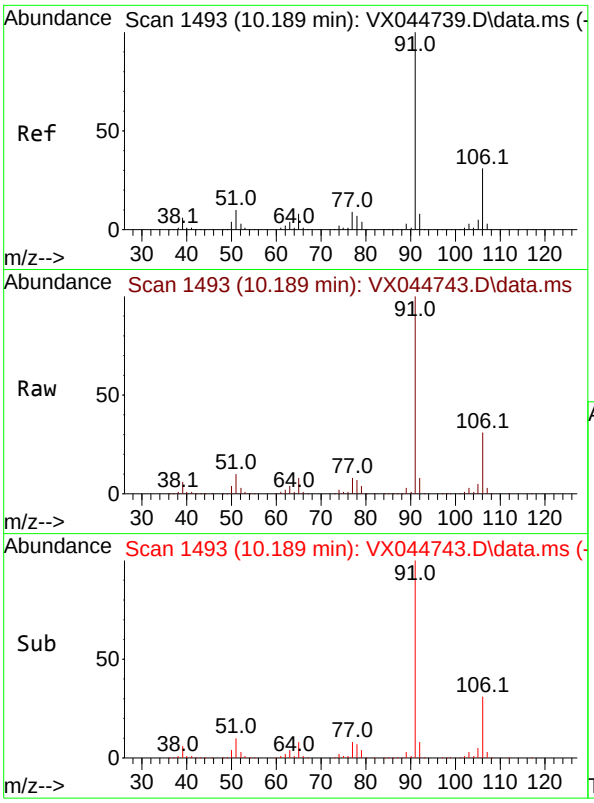




#51
Chlorobenzene
Concen: 54.376 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:112 Resp: 312883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 22.4 | 41.6 |
| 77 | 61.1 | 49.2 | 73.8 |



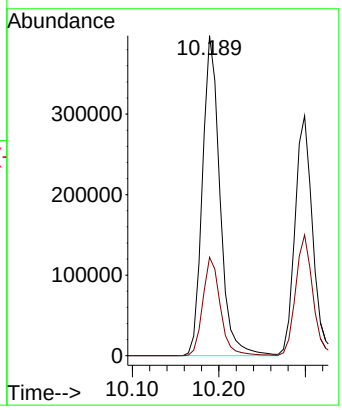


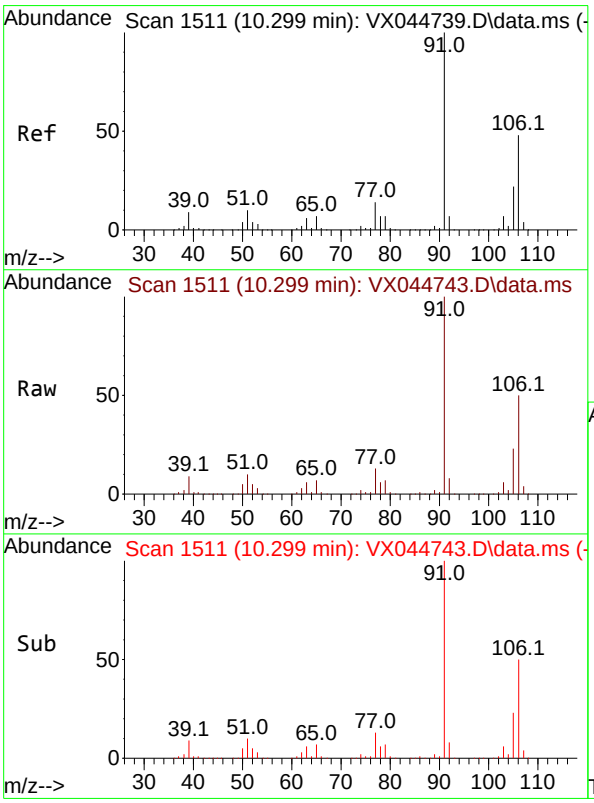

#52
Ethylbenzene
Concen: 55.404 ug/L
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 91 Resp: 558199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.8 | 21.1 | 39.3 |

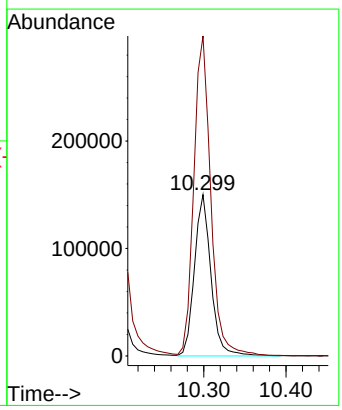


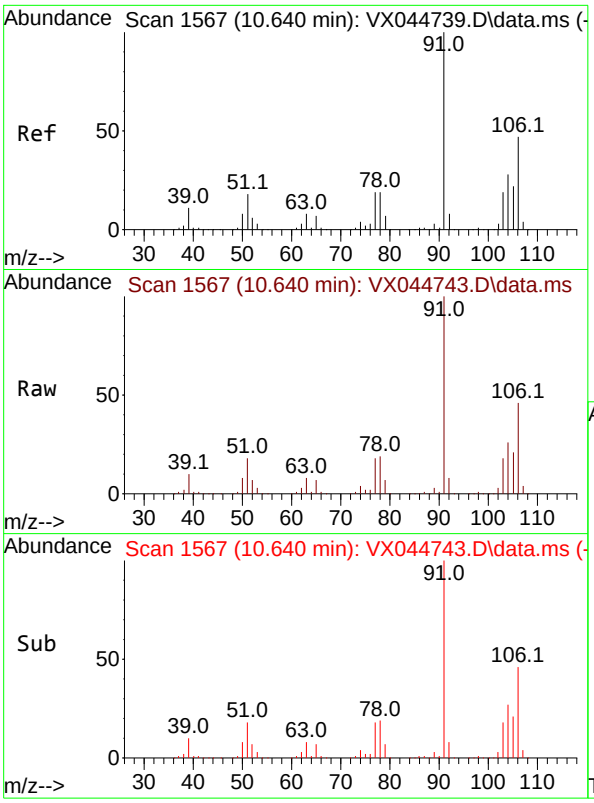




#53
m,p-Xylene
Concen: 55.590 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:106 Resp: 210266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.4 | 145.2 | 269.6 |



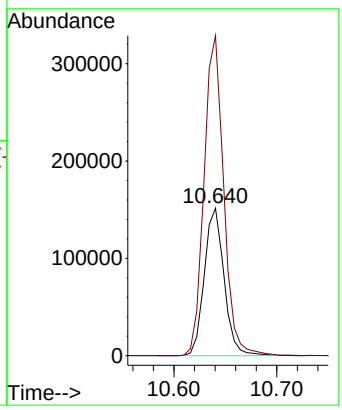


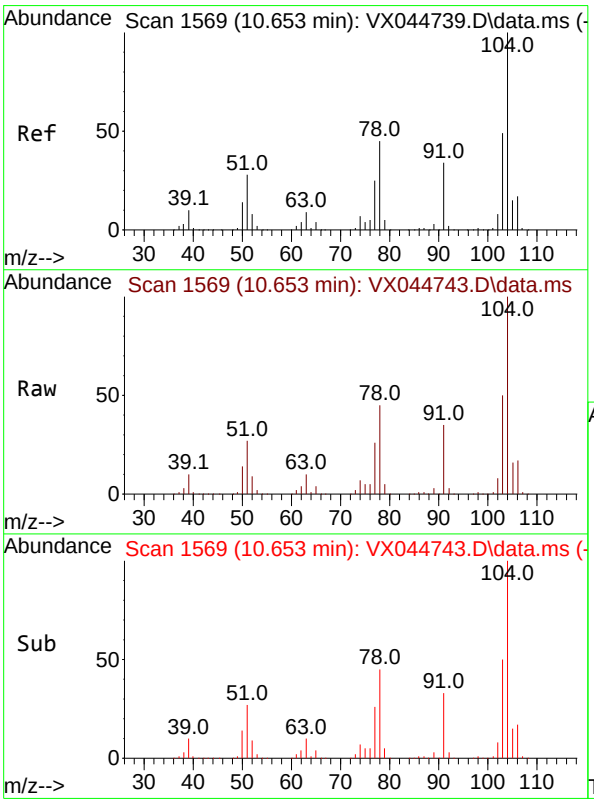

#54
o-Xylene
Concen: 54.545 ug/L
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:106 Resp: 203360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 216.9 | 153.2 | 284.4 |

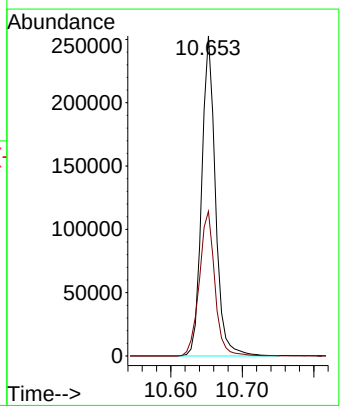


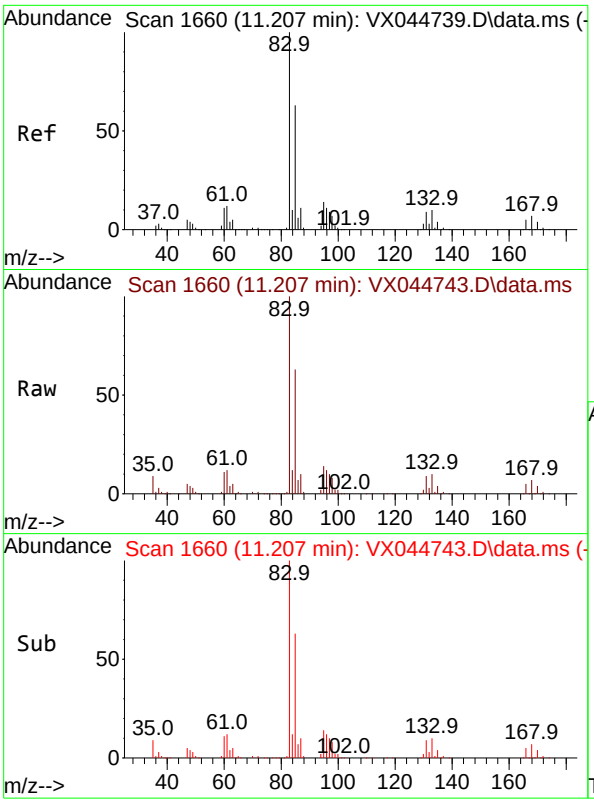




#55
Styrene
Concen: 54.879 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:104 Resp: 337691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 45.2 | 32.7 | 60.7 |



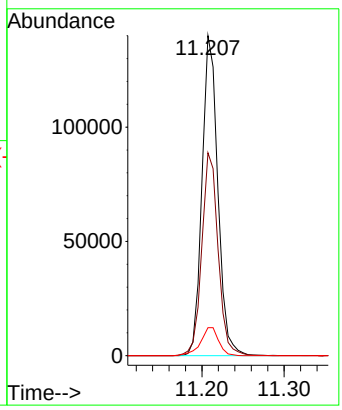


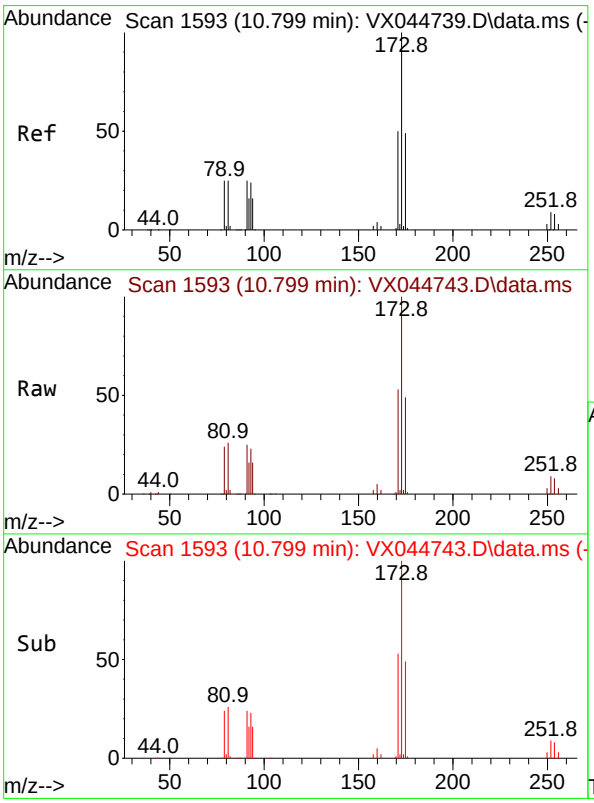

#57
1,1,2,2-Tetrachloroethane
Concen: 53.166 ug/L
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 83 Resp: 187103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 44.9 | 83.5 |
| 131 | 8.7 | 8.0 | 12.0 |

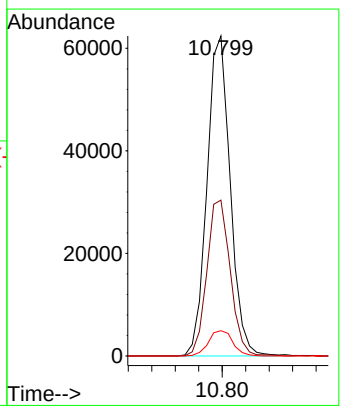


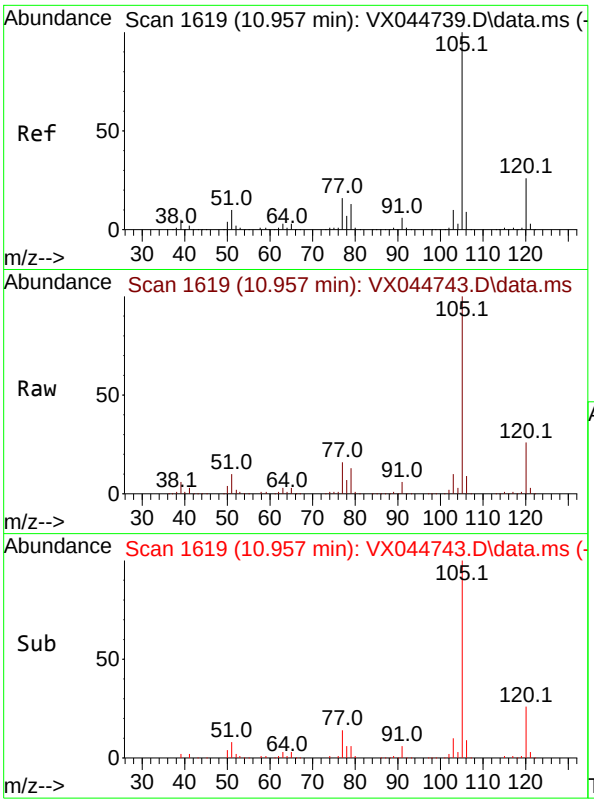




#59
Bromoform
Concen: 54.905 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:173 Resp: 85679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.9 | 38.6 | 58.0 |
| 254 | 8.3 | 6.6 | 10.0 |



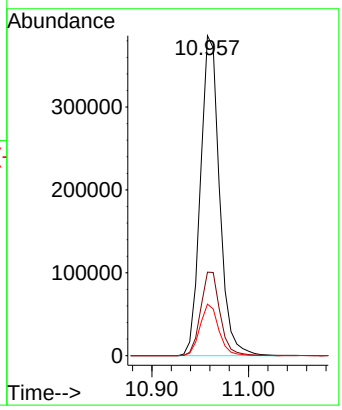


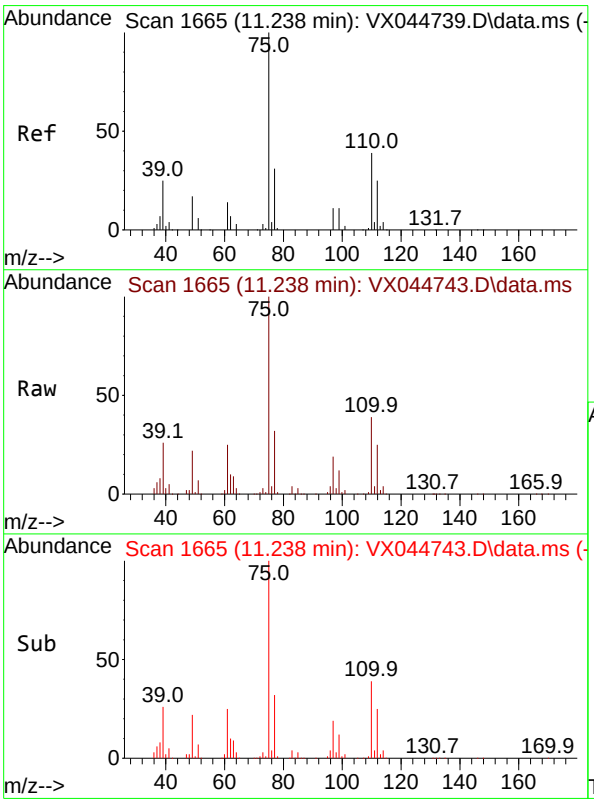

#60
Isopropylbenzene
Concen: 55.950 ug/L
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:105 Resp: 530082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 20.9 | 31.3 |
| 77 | 15.9 | 12.6 | 19.0 |

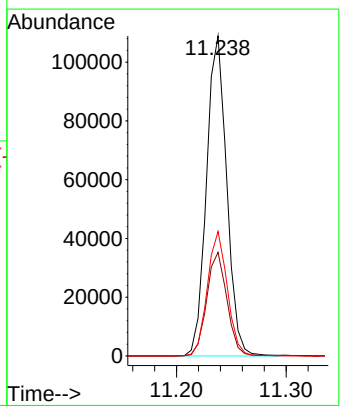


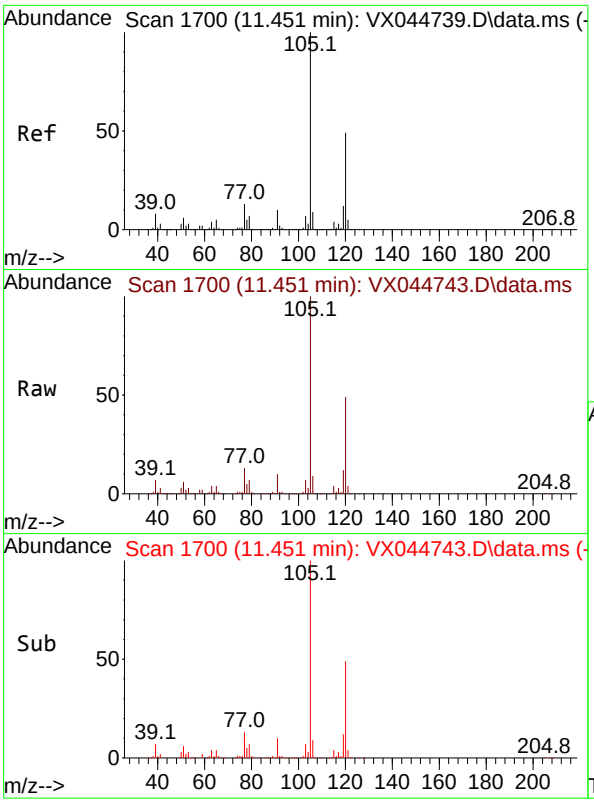




#61
1,2,3-Trichloropropane
Concen: 53.600 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 75 Resp: 139598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.8 | 38.6 |
| 110 | 38.4 | 30.8 | 46.2 |



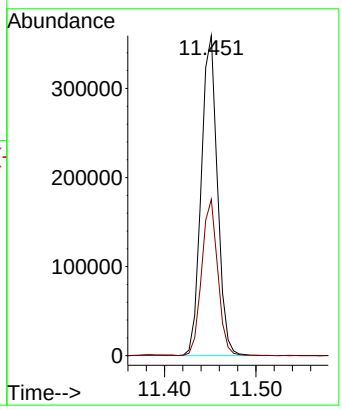


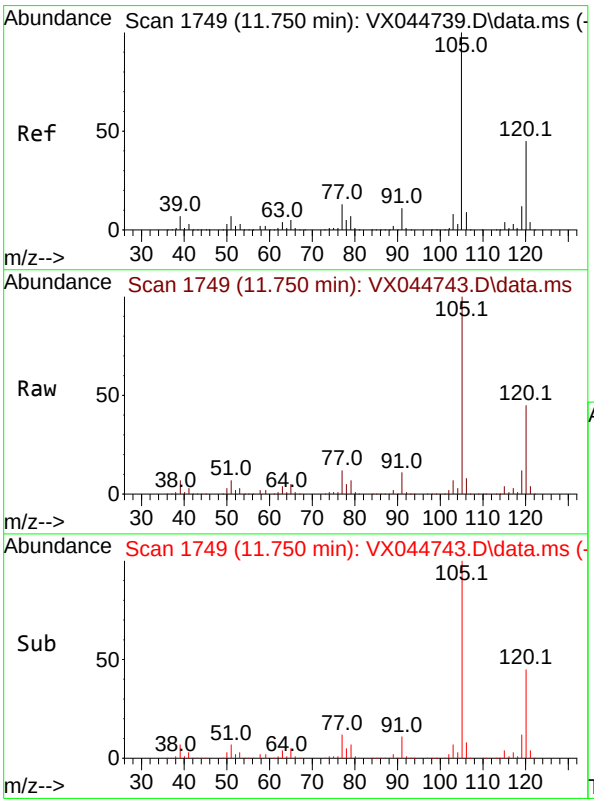

#62
1,3,5-Trimethylbenzene
Concen: 56.739 ug/L
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:105 Resp: 440986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.4 | 38.3 | 57.5 |

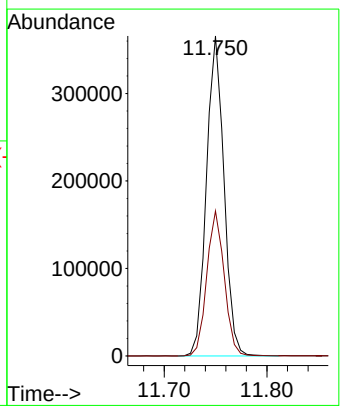


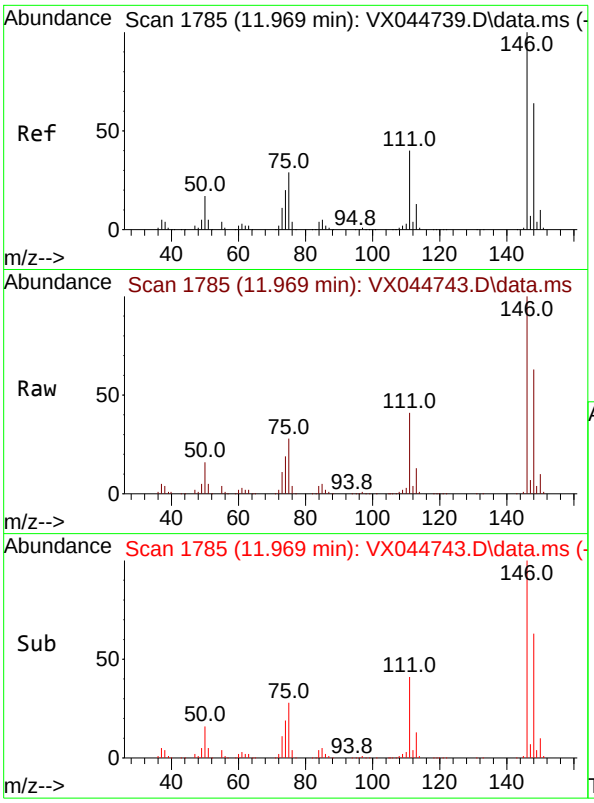




#63
1,2,4-Trimethylbenzene
Concen: 56.096 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:105 Resp: 431830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 35.7 | 53.5 |



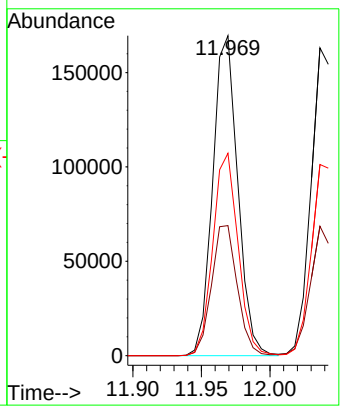


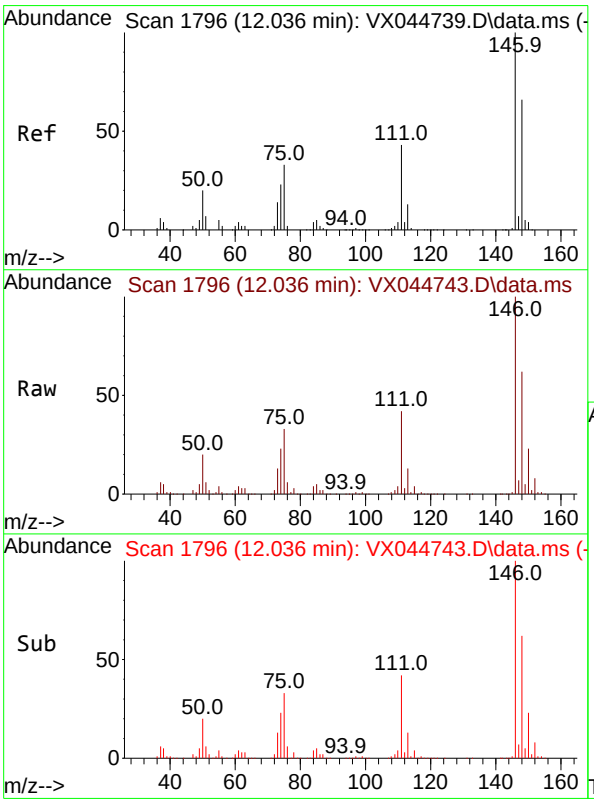

#64
1,3-Dichlorobenzene
Concen: 55.344 ug/L
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:146 Resp: 215546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 29.5 | 54.9 |
| 148 | 63.2 | 44.4 | 82.5 |

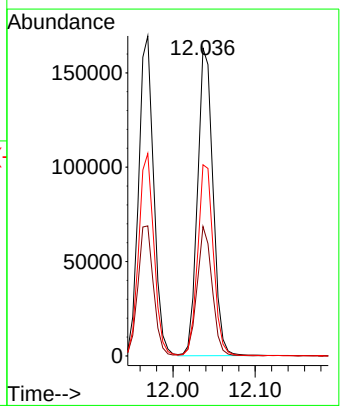


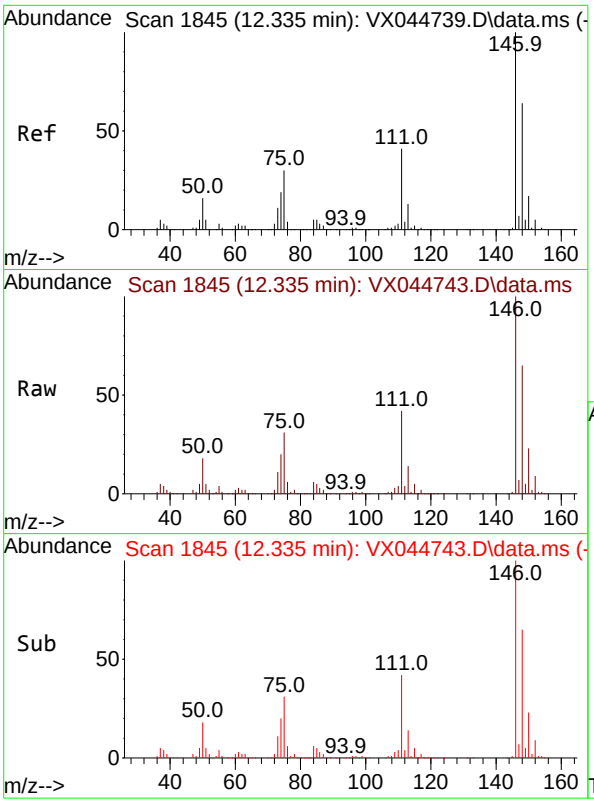




#65
1,4-Dichlorobenzene
Concen: 54.938 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:146 Resp: 212980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.1 | 29.7 | 55.1 |
| 148 | 62.1 | 43.5 | 80.7 |



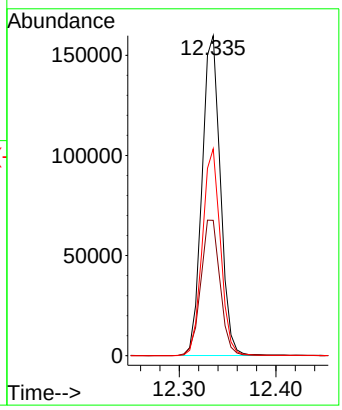


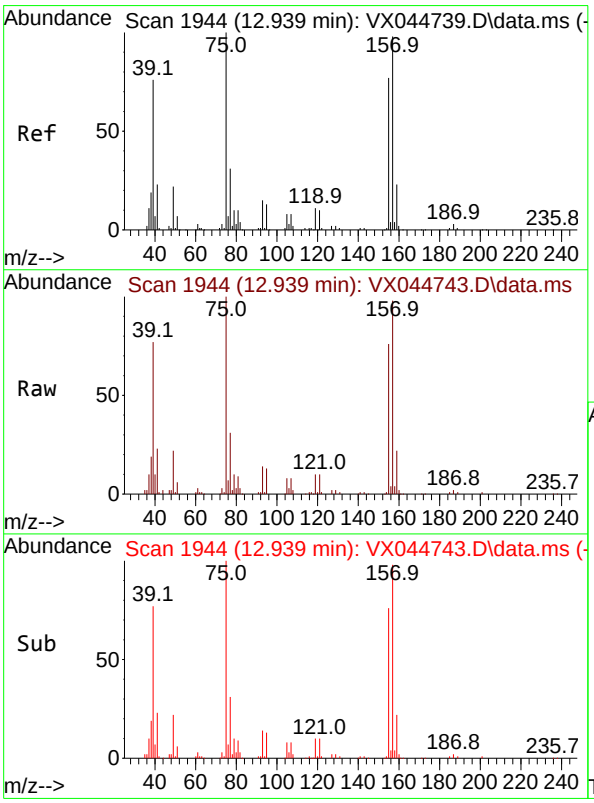

#67
1,2-Dichlorobenzene
Concen: 54.641 ug/L
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:146 Resp: 210991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 36.1 | 54.1 |
| 148 | 64.6 | 51.5 | 77.3 |

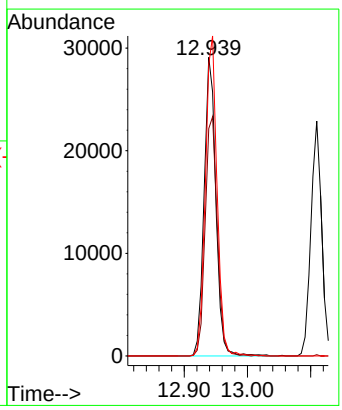


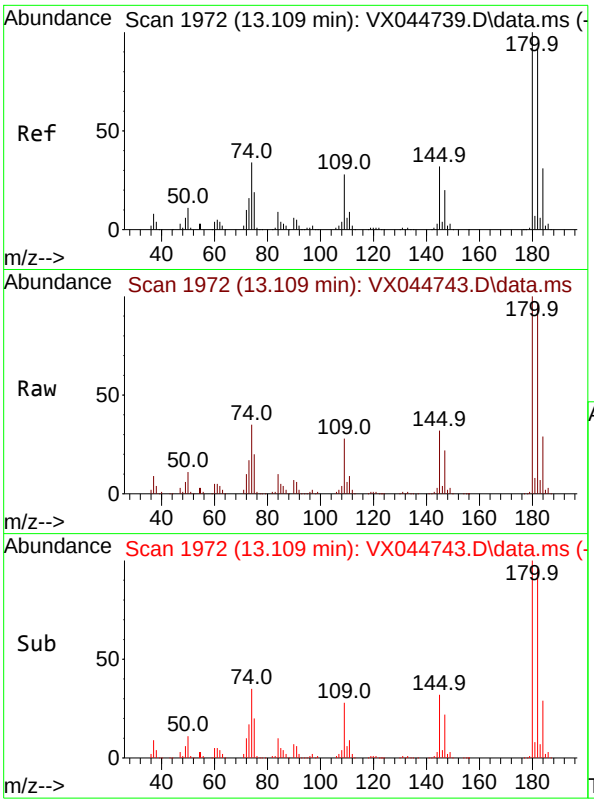




#68
1,2-Dibromo-3-chloropropane
Concen: 53.112 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion: 75 Resp: 37691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 76.2 | 62.5 | 93.7 |
| 157 | 97.6 | 83.5 | 125.3 |



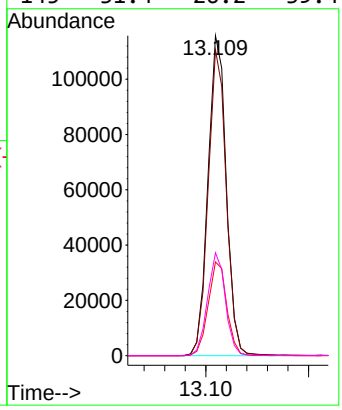


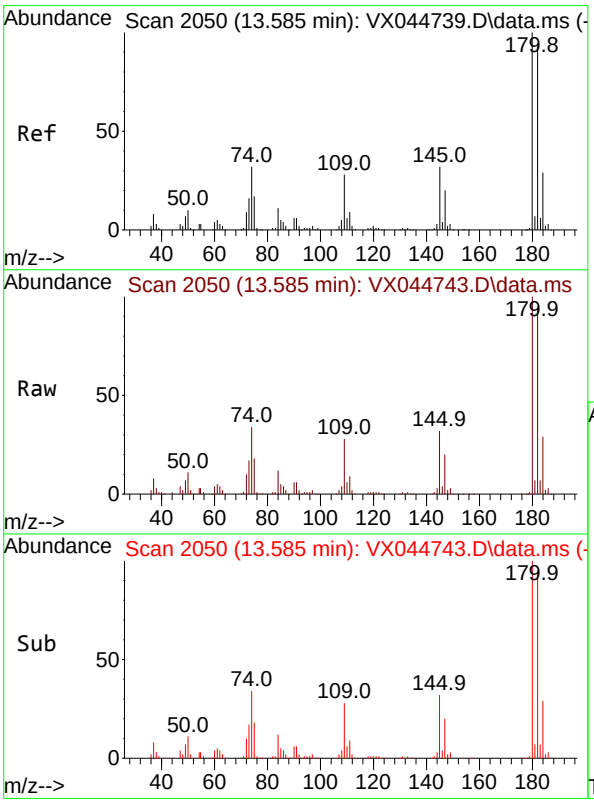

#69
1,3,5-Trichlorobenzene
Concen: 56.200 ug/L
RT: 13.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:180 Resp: 143427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 77.0 | 115.6 |
| 184 | 29.8 | 24.0 | 36.0 |
| 145 | 31.4 | 26.2 | 39.4 |

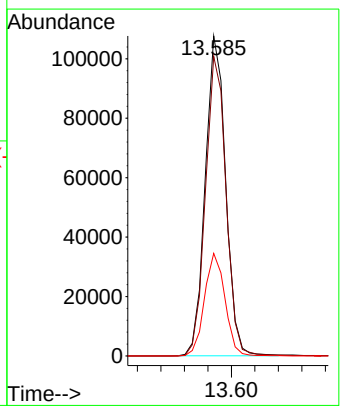


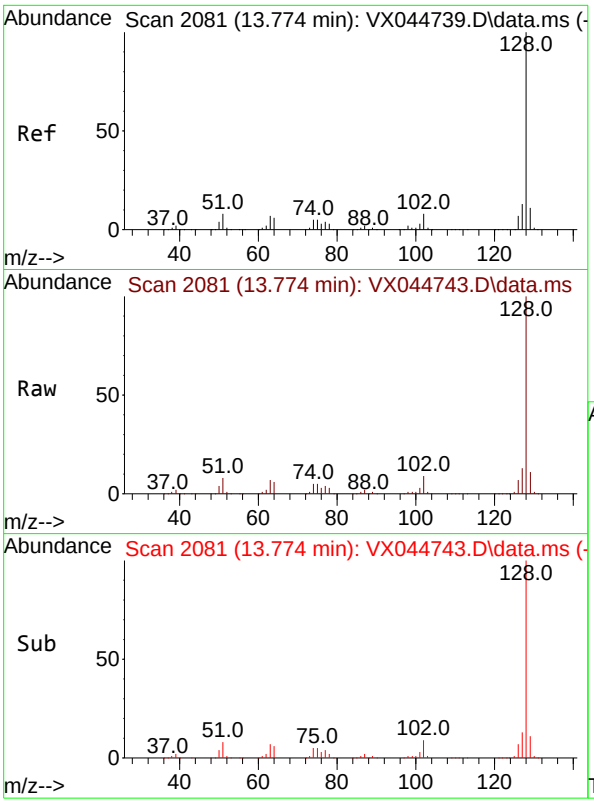




#70
1,2,4-trichlorobenzene
Concen: 56.311 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:180 Resp: 129561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 76.5 | 114.7 |
| 145 | 32.3 | 27.0 | 40.4 |



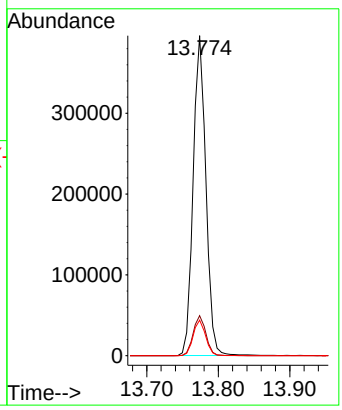


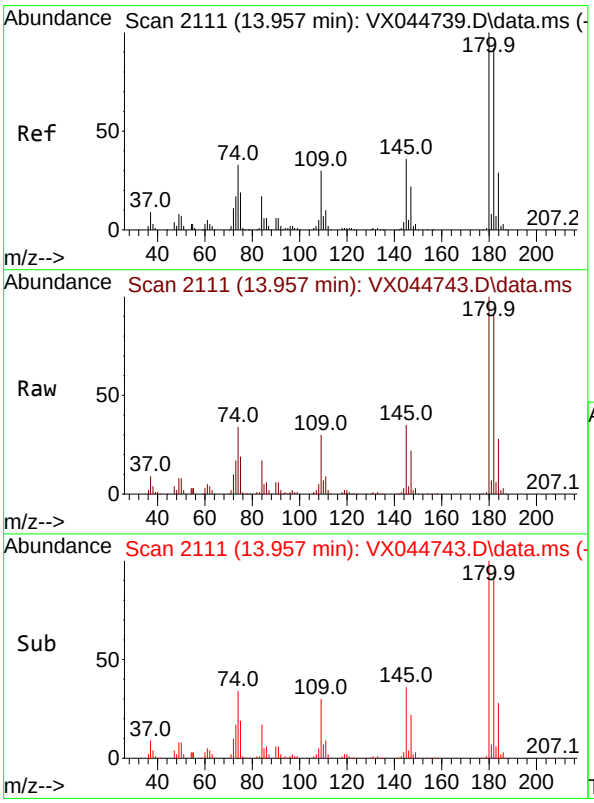

#71
Naphthalene
Concen: 54.726 ug/L
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:128 Resp: 488326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.1 | 15.1 |
| 129 | 10.9 | 8.7 | 13.1 |




#72
1,2,3-Trichlorobenzene
Concen: 55.717 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044743.D
Acq: 28 Jan 2025 12:16

Tgt Ion:180 Resp: 129991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 77.1 | 115.7 |
| 145 | 34.9 | 28.3 | 42.5 |