Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
Data File : VX039662.D
Acq On : 08 Jan 2024 13:34
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 09 04:34:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 98561 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 198847 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 193726 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 87157 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 81299 | 45.027 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 90.060% | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 63812 | 46.452 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 92.900% | | |
| 50) Toluene-d8 | 8.647 | 98 | 245753 | 48.187 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 96.380% | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 100111 | 47.576 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 95.160% | | |
| Target Compounds | | | | | | Qvalue |
| 5) Bromomethane | 1.599 | 94 | 280 | 0.341 | ug/l # | 46 |
| 11) Tert butyl alcohol | 2.934 | 59 | 2875 | 6.341 | ug/l # | 78 |
| 16) Acetone | 2.380 | 43 | 726 | Below Cal | # | 86 |
| 18) Methyl Acetate | 2.703 | 43 | 1166 | 0.299 | ug/l # | 65 |
| 20) Methylene Chloride | 2.794 | 84 | 409 | 0.272 | ug/l # | 63 |
| 31) Cyclohexane | 5.544 | 56 | 2744 | 1.177 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.544 | 75 | 9686 | 4.468 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.550 | 117 | 11580 | 5.598 | ug/l # | 15 |
| 51) 4-Methyl-2-Pentanone | 8.647 | 43 | 1194 | 0.430 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.079 | 75 | 55389 | 24.564 | ug/l # | 39 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75 | 55389 | 69.294 | ug/l # | 5 |

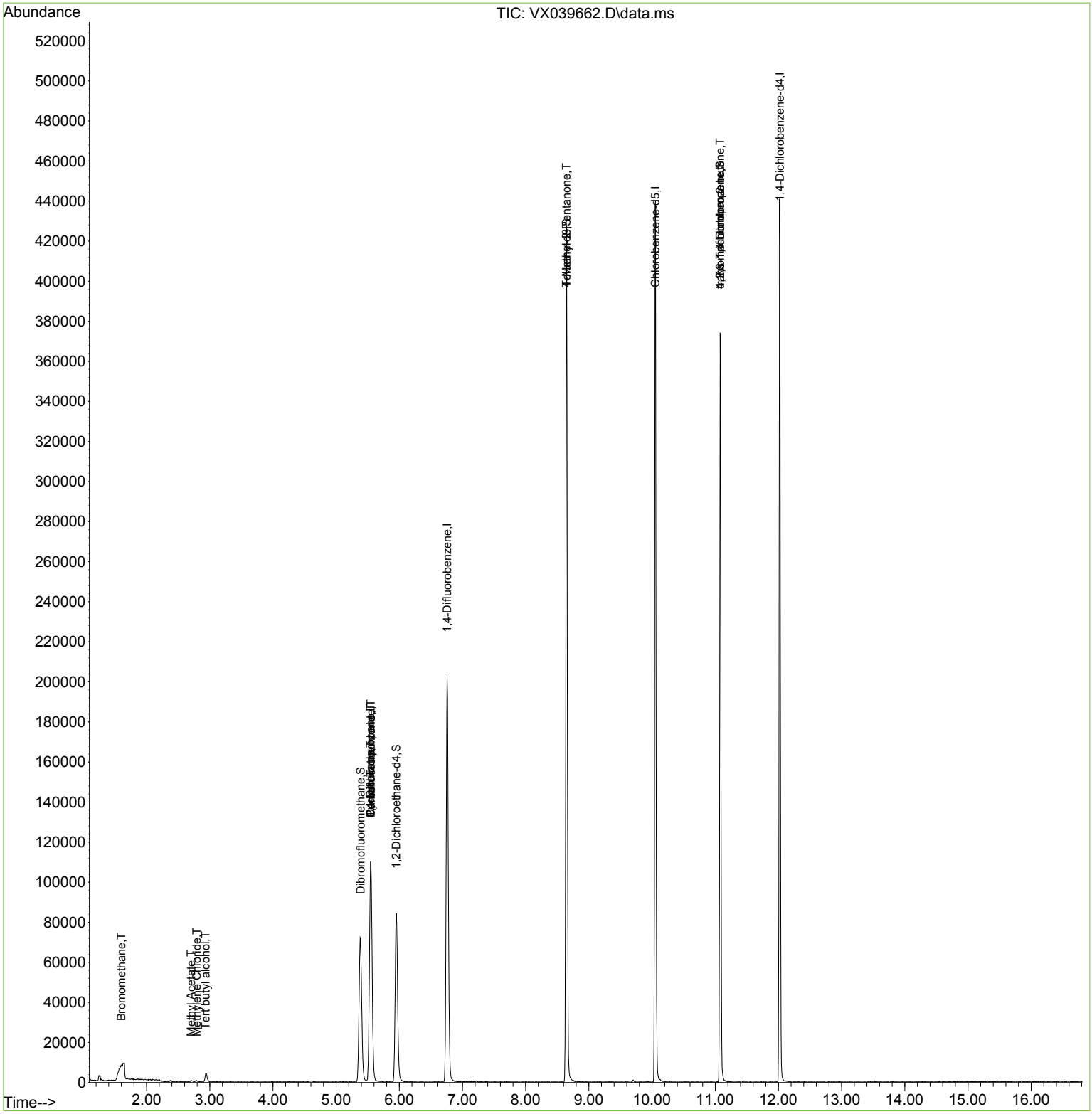
(#) = qualifier out of range (m) = manual integration (+) = signals summed

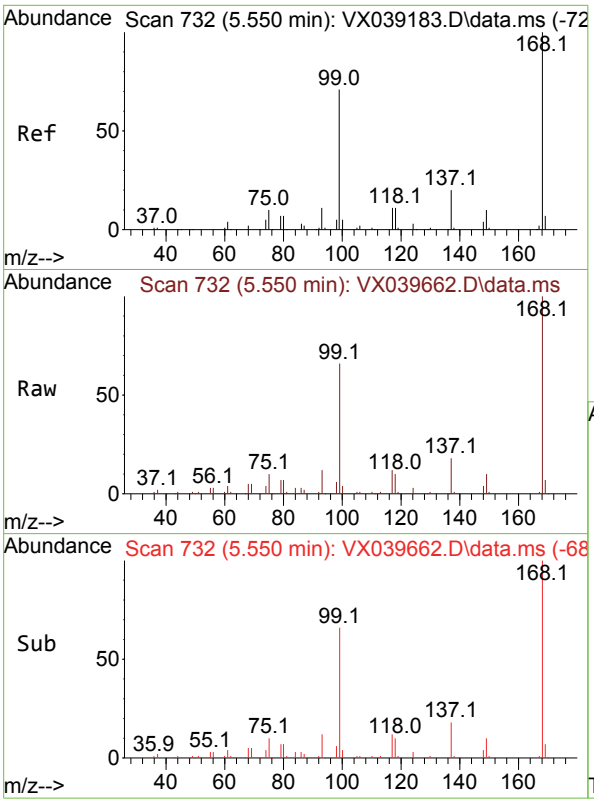
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
Data File : VX039662.D
Acq On : 08 Jan 2024 13:34
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 09 04:34:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



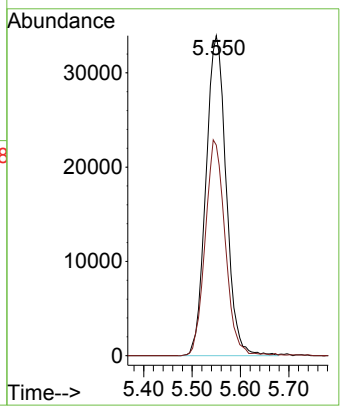


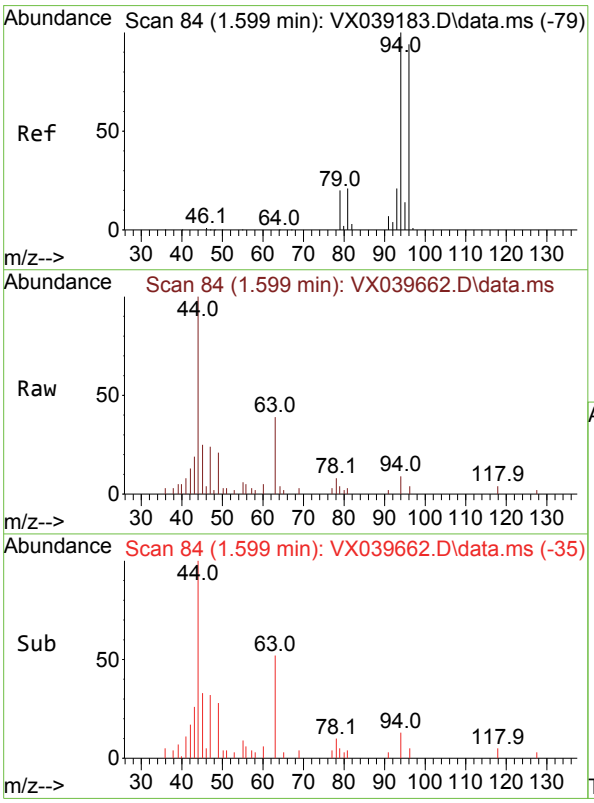

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion:168 Resp: 98561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 65.8 | 56.6 | 85.0 |

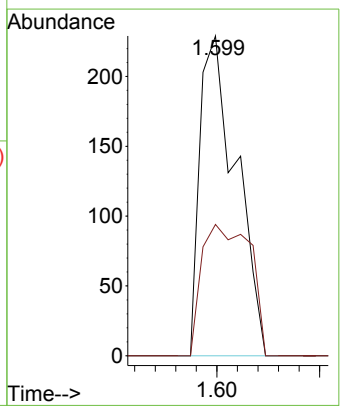


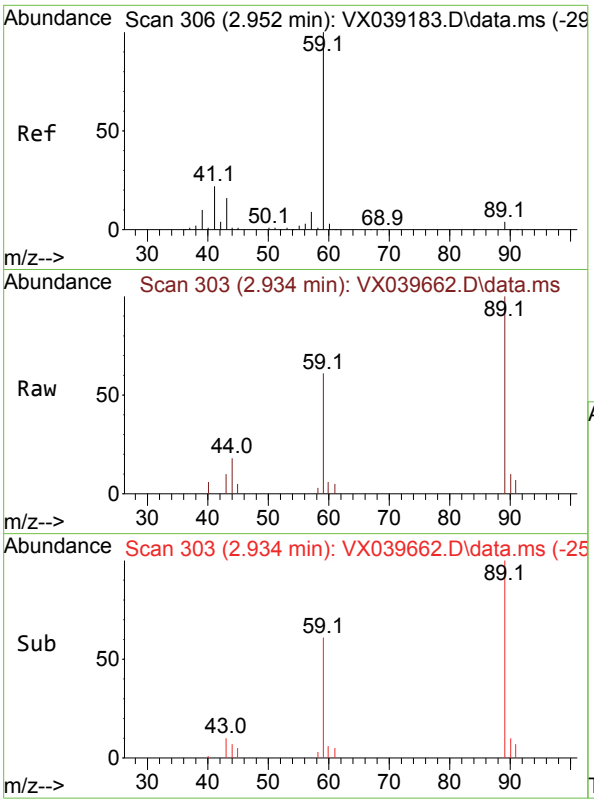




#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 94 Resp: 280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 41.0 | 74.6 | 111.8# |



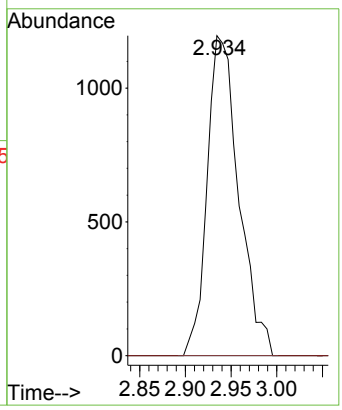


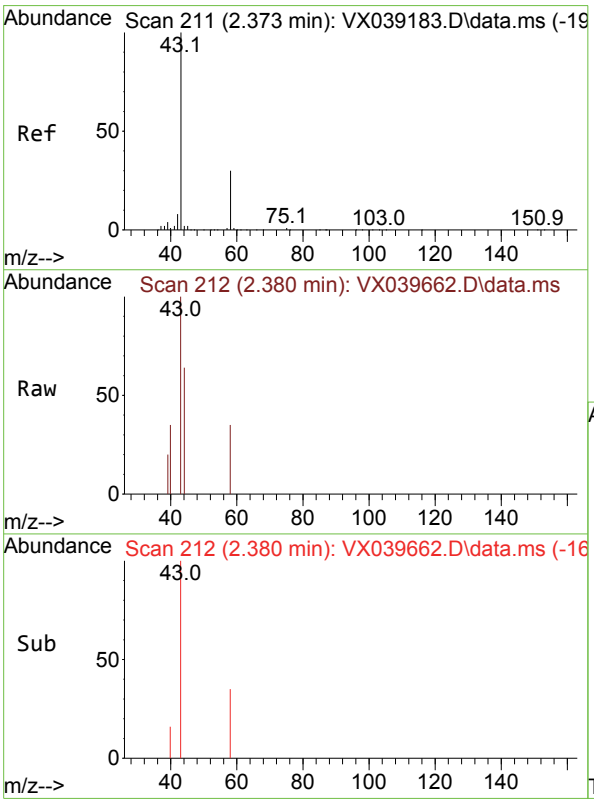

#11
Tert butyl alcohol
Concen: 6.341 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.018 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 59 Resp: 2875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 6.0 | 9.0# |

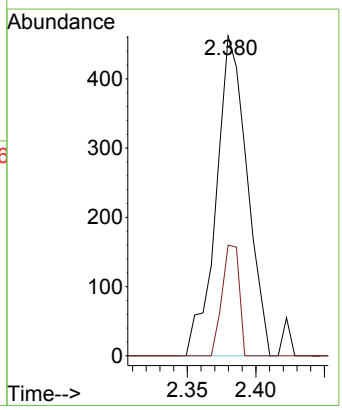


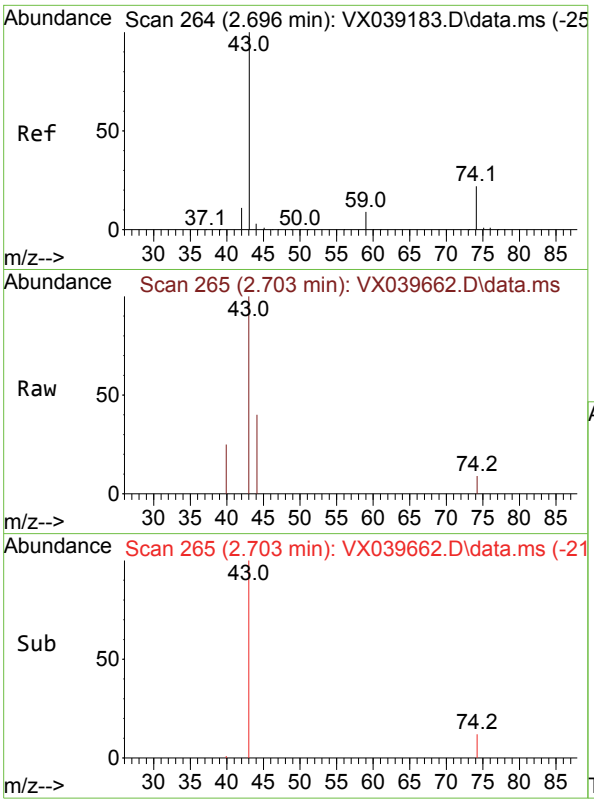




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 43 Resp: 726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.6 | 21.9 | 32.9# |



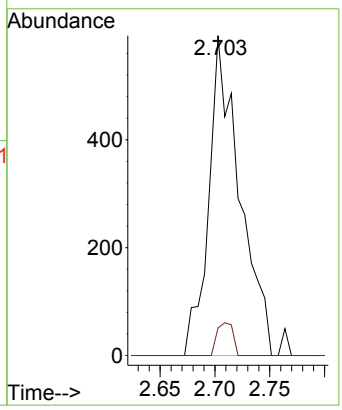


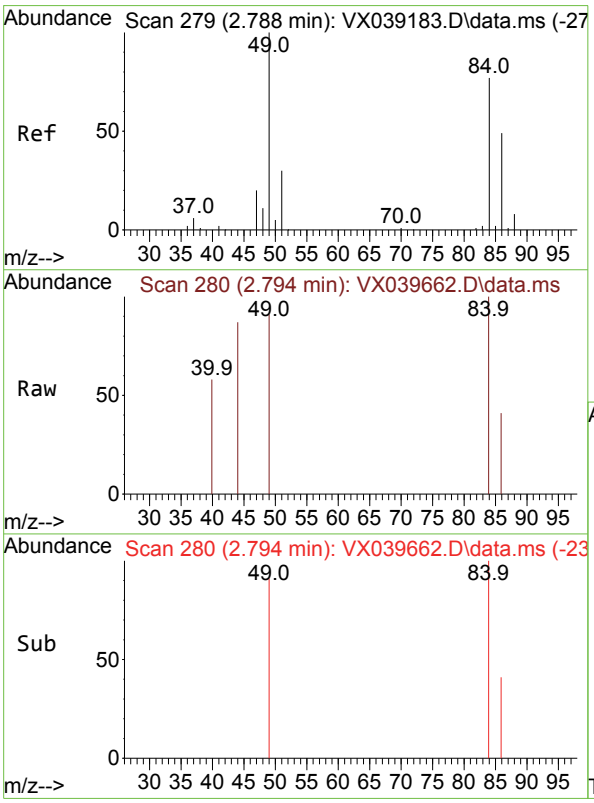

#18
Methyl Acetate
Concen: 0.299 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 43 Resp: 1166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 5.3 | 17.8 | 26.8# |

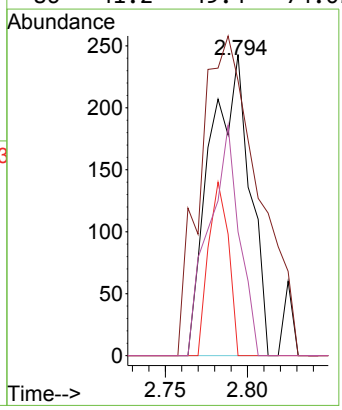


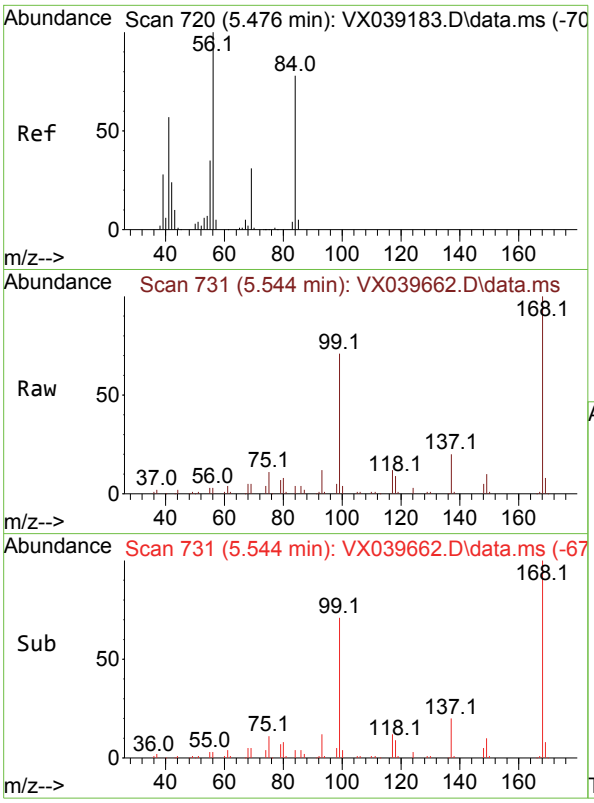




#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 84 Resp: 409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 91.4 | 103.6 | 155.4# |
| 51 | 0.0 | 33.8 | 50.6# |
| 86 | 41.2 | 49.4 | 74.0# |



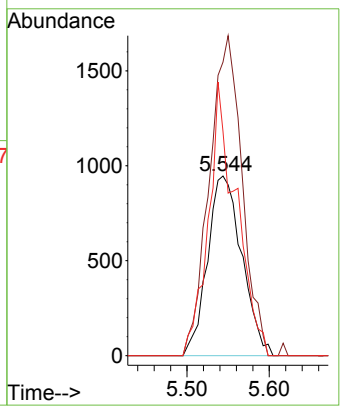


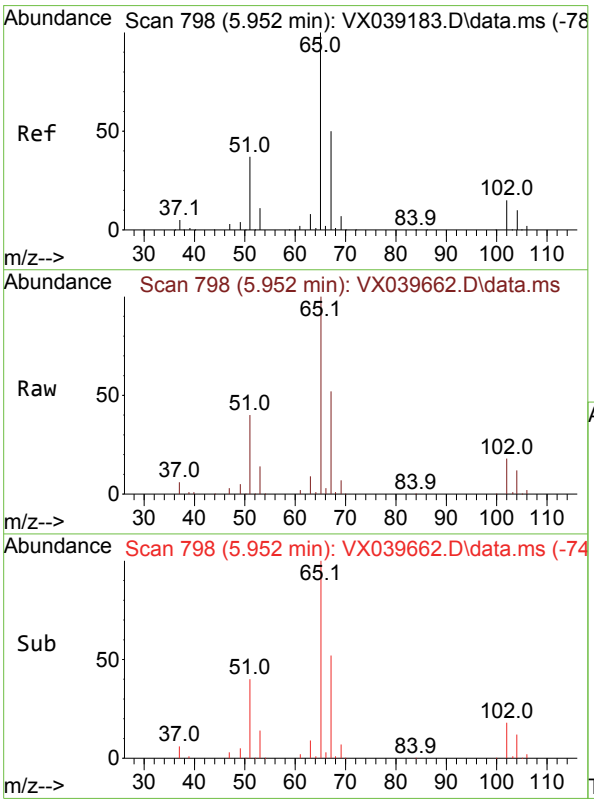

#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.067 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 56 Resp: 2744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 163.4 | 23.4 | 35.2# |
| 84 | 124.7 | 65.9 | 98.9# |

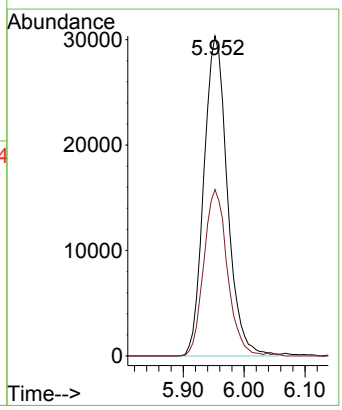


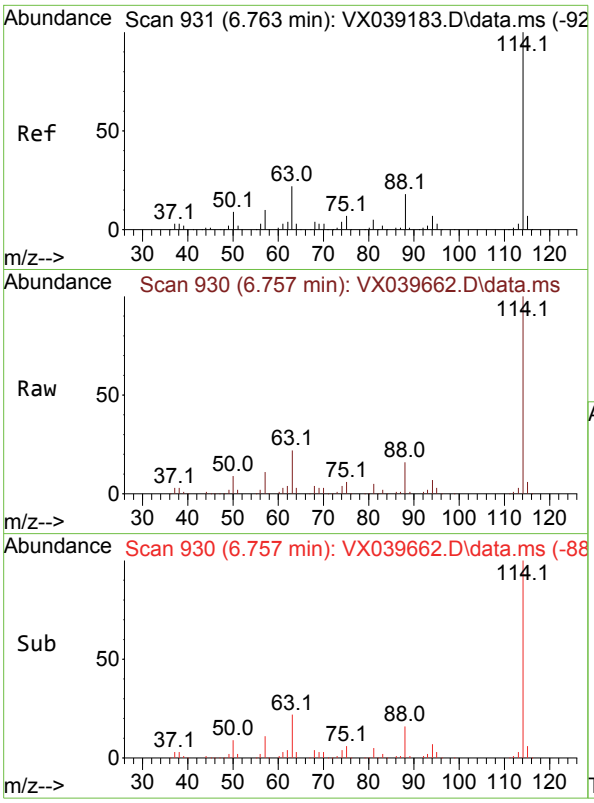




#33
1,2-Dichloroethane-d4
Concen: 45.027 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 65 Resp: 81299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.2 | 0.0 | 100.2 |



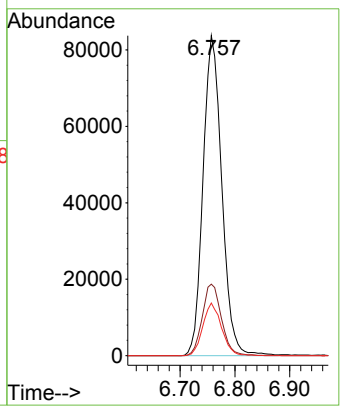


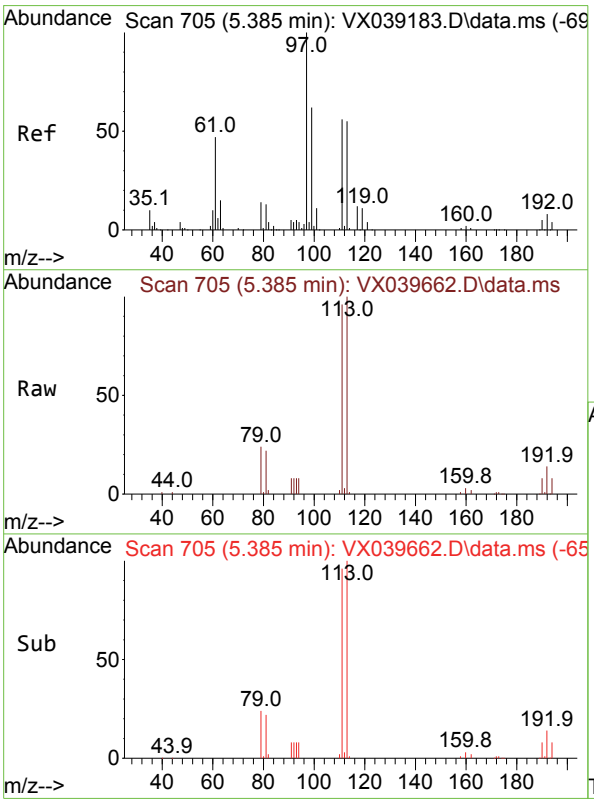

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion:114 Resp: 198847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 45.0 |
| 88 | 16.4 | 0.0 | 36.6 |

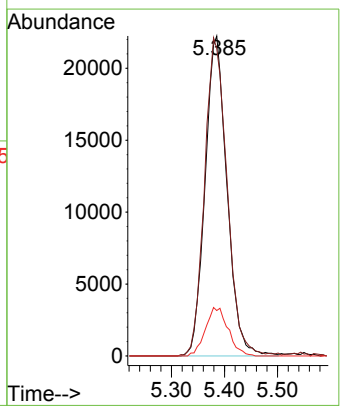


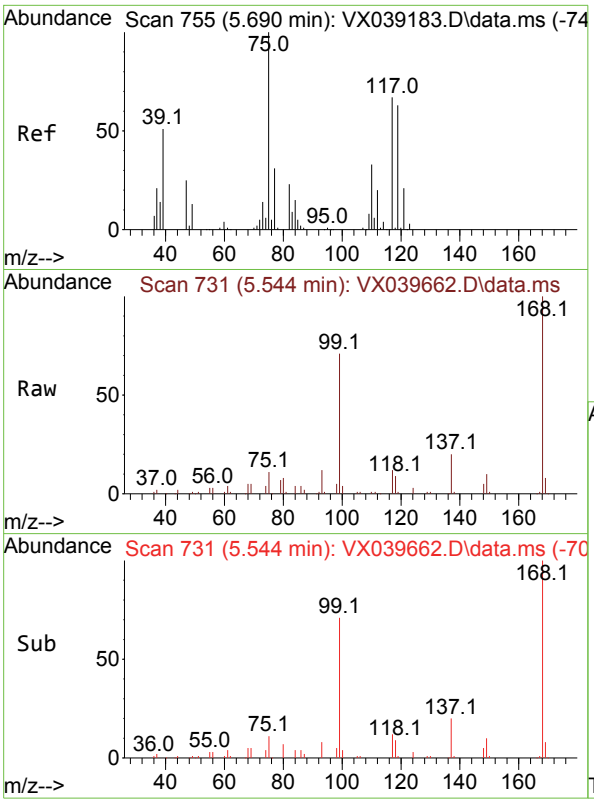




#35
Dibromofluoromethane
Concen: 46.452 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion:113 Resp: 63812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.9 | 124.3 |
| 192 | 15.7 | 13.3 | 19.9 |



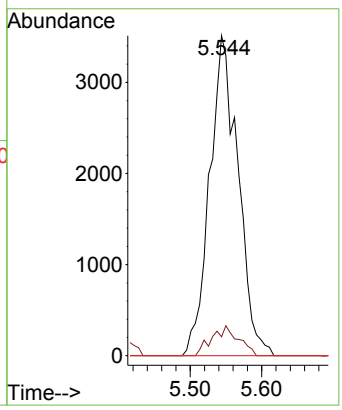


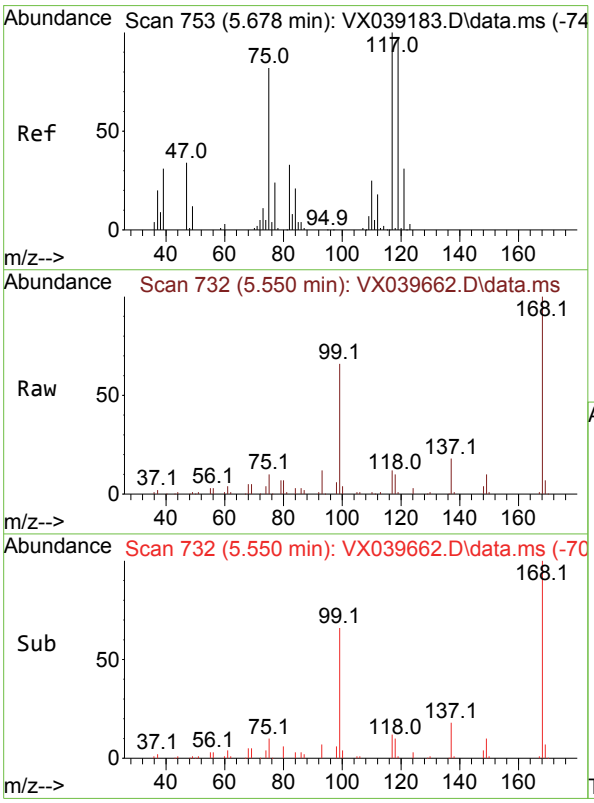

#36
1,1-Dichloropropene
Concen: 4.468 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 75 Resp: 9686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.8 | 17.0 | 50.9# |
| 77 | 0.0 | 24.7 | 37.1# |

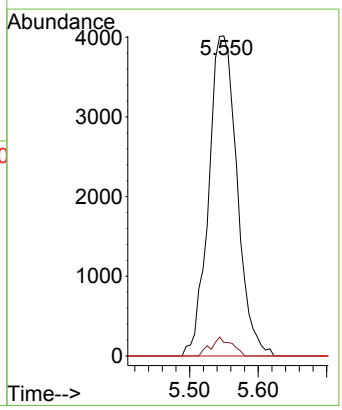


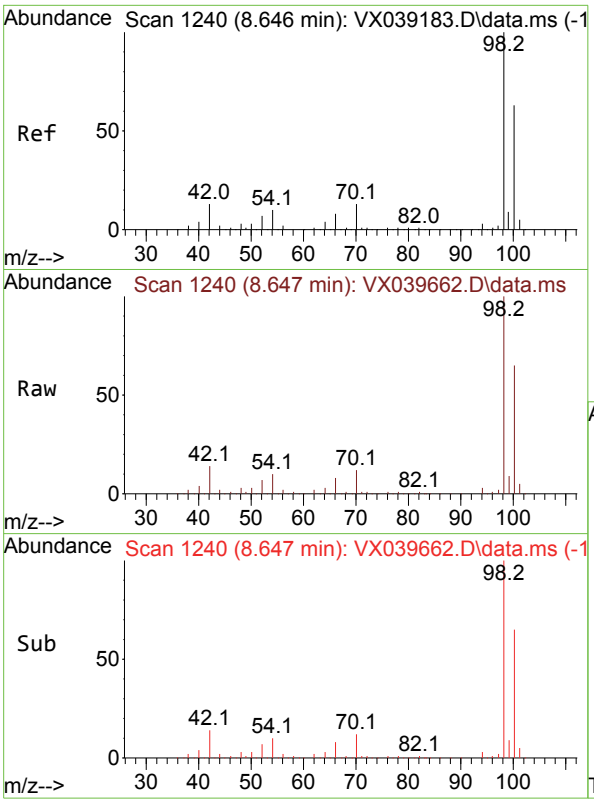




#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion:117 Resp: 11580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.3 | 78.2 | 117.2# |
| 121 | 0.0 | 24.4 | 36.6# |



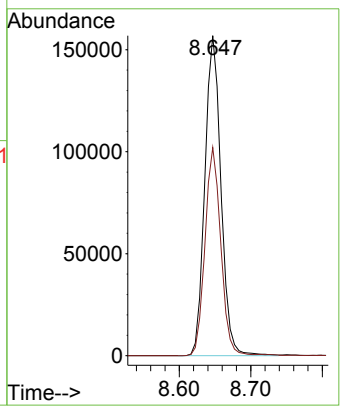


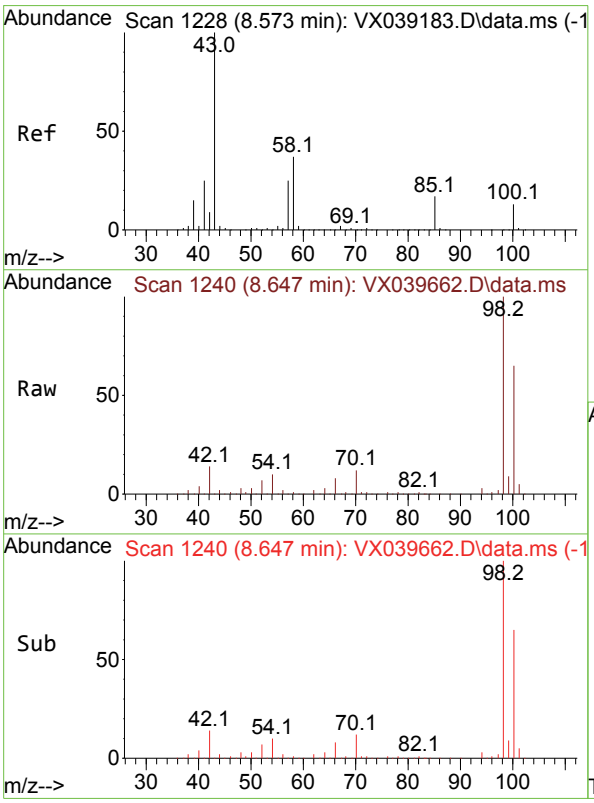

#50
Toluene-d8
Concen: 48.187 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 98 Resp: 245753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 53.1 | 79.7 |

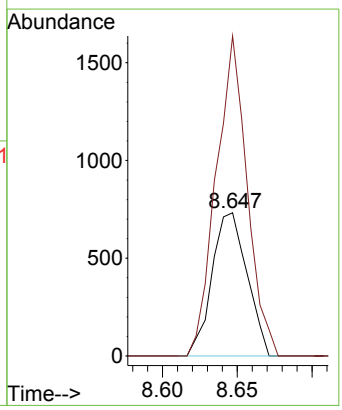


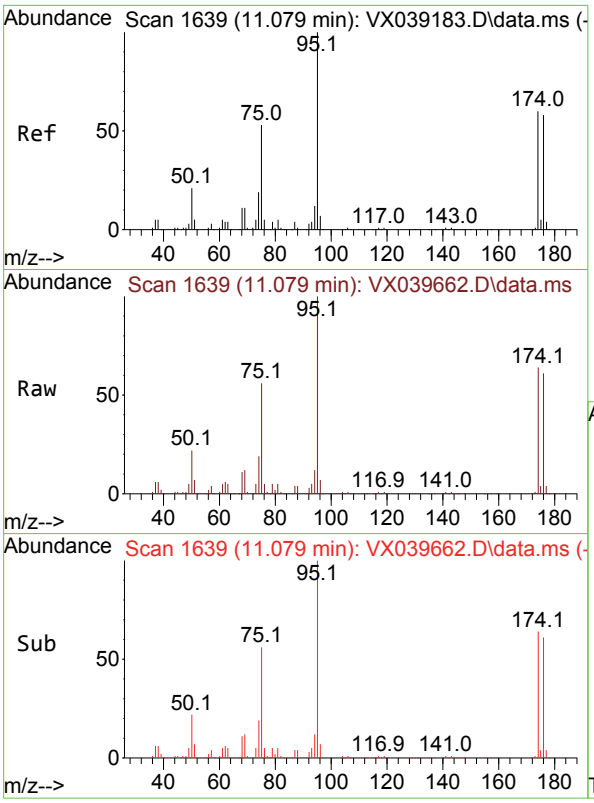




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 43 Resp: 1194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 197.8 | 30.4 | 45.6# |



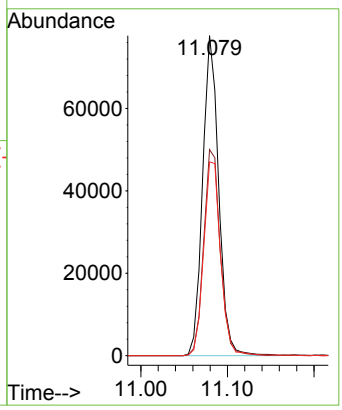


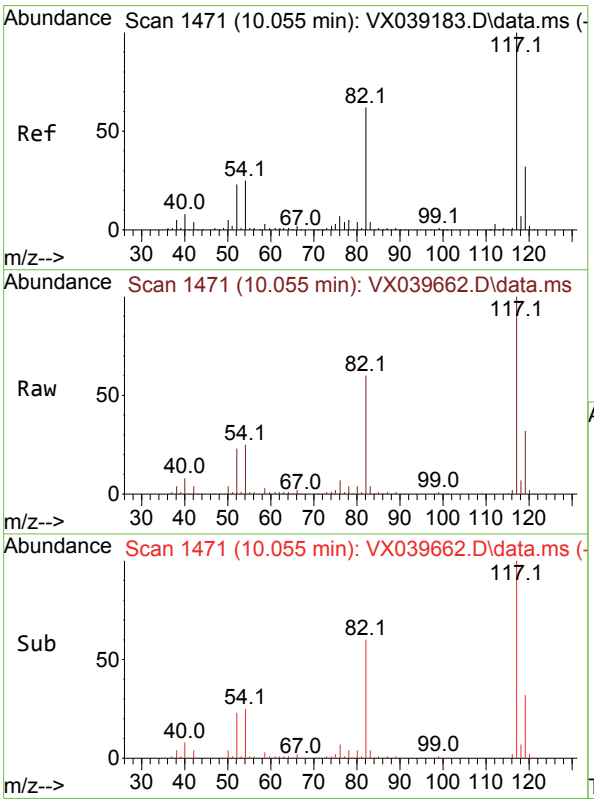

#62
4-Bromofluorobenzene
Concen: 47.576 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 95 Resp: 100111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 66.6 | 0.0 | 135.6 |
| 176 | 64.0 | 0.0 | 131.0 |

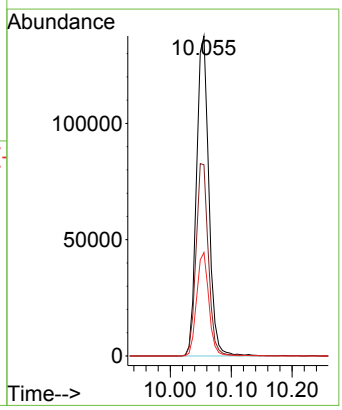


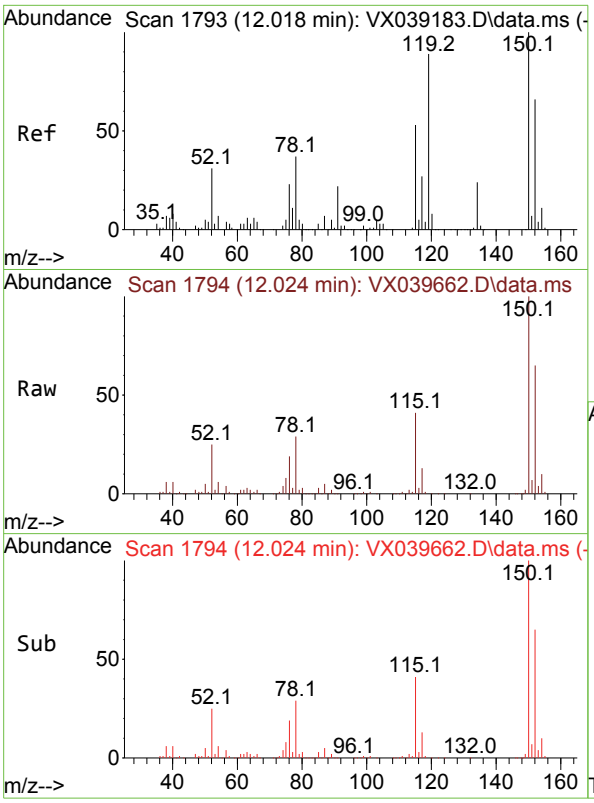




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion:117 Resp: 193726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.8 | 46.2 | 69.4 |
| 119 | 32.3 | 25.5 | 38.3 |



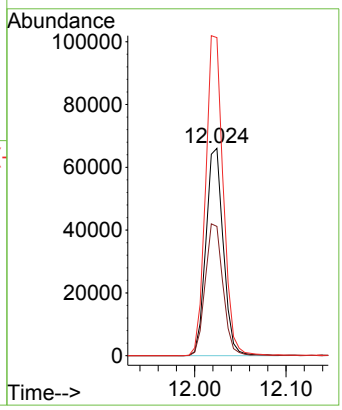


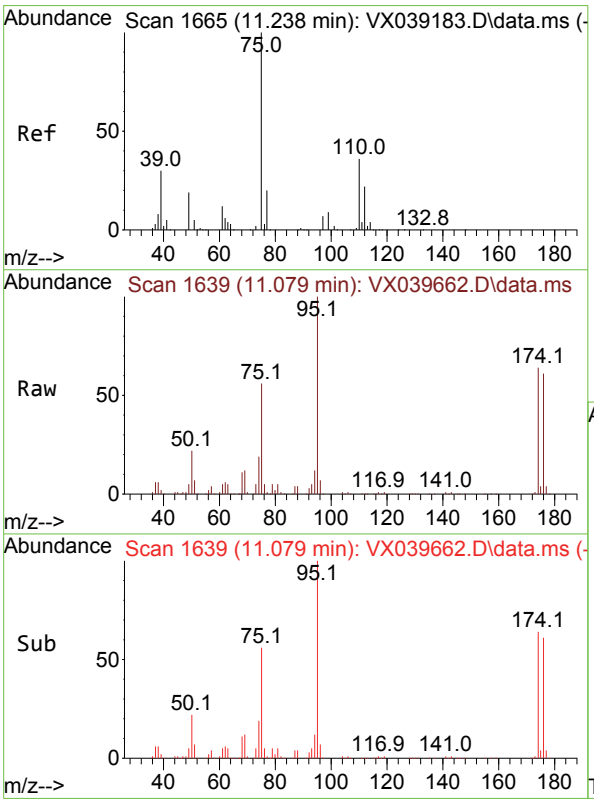

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion:152 Resp: 87157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.9 | 43.3 | 129.9 |
| 150 | 155.3 | 0.0 | 345.0 |

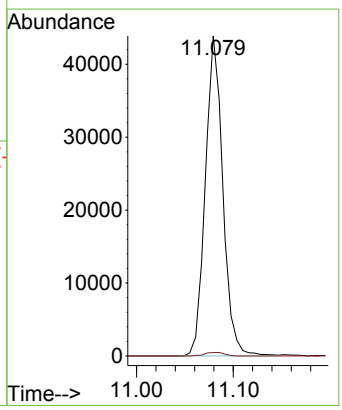


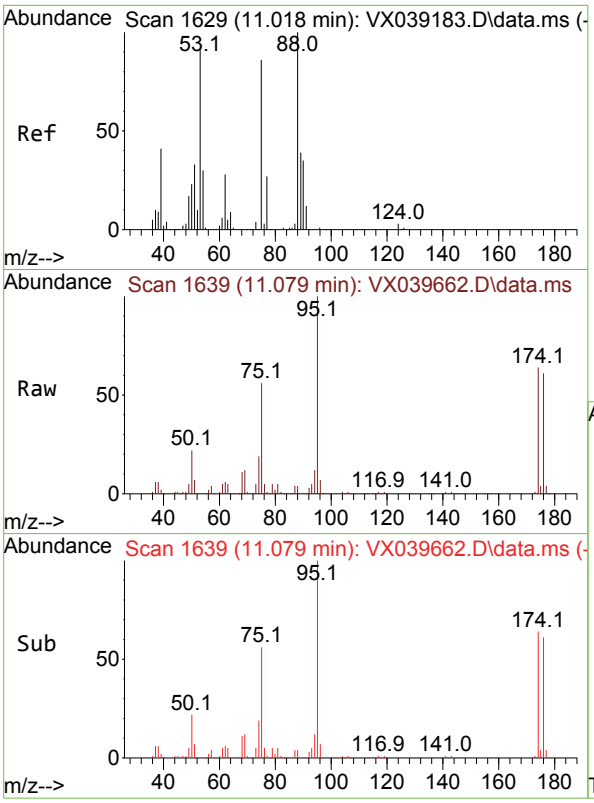




#76
1,2,3-Trichloropropane
Concen: 24.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

Tgt Ion: 75 Resp: 55389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.1 | 57.5# |






#81
trans-1,4-Dichloro-2-butene
Concen: 69.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039662.D
Acq: 08 Jan 2024 13:34

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

Tgt Ion: 75 Resp: 55389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 90.5 | 135.7# |
| 89 | 0.0 | 36.9 | 55.3# |