Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
Data File : VX041368.D
Acq On : 06 May 2024 10:49
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 06 16:48:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 196779 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 290490 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 273240 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 143672 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 101472 | 47.368 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 94.740% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 84868 | 43.112 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 86.220% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 293560 | 47.115 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.240% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 124309 | 51.539 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.080% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Bromomethane | 1.599 | 94 | 583 | 0.583 | ug/l | 81 |
| 10) Methyl Iodide | 2.453 | 142 | 432 | 0.260 | ug/l # | 58 |
| 11) Tert butyl alcohol | 2.941 | 59 | 2528 | 5.896 | ug/l # | 78 |
| 16) Acetone | 2.392 | 43 | 7954 | 4.592 | ug/l | 97 |
| 20) Methylene Chloride | 2.794 | 84 | 750 | 0.403 | ug/l # | 72 |
| 29) Tetrahydrofuran | 5.050 | 42 | 344 | 0.379 | ug/l # | 45 |
| 31) Cyclohexane | 5.544 | 56 | 3259 | 1.261 | ug/l # | 4 |
| 36) 1,1-Dichloropropene | 5.544 | 75 | 11965 | 5.083 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.550 | 117 | 16900 | 6.267 | ug/l # | 15 |
| 76) 1,2,3-Trichloropropane | 11.079 | 75 | 62709 | 26.783 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75 | 62709 | 72.953 | ug/l # | 5 |

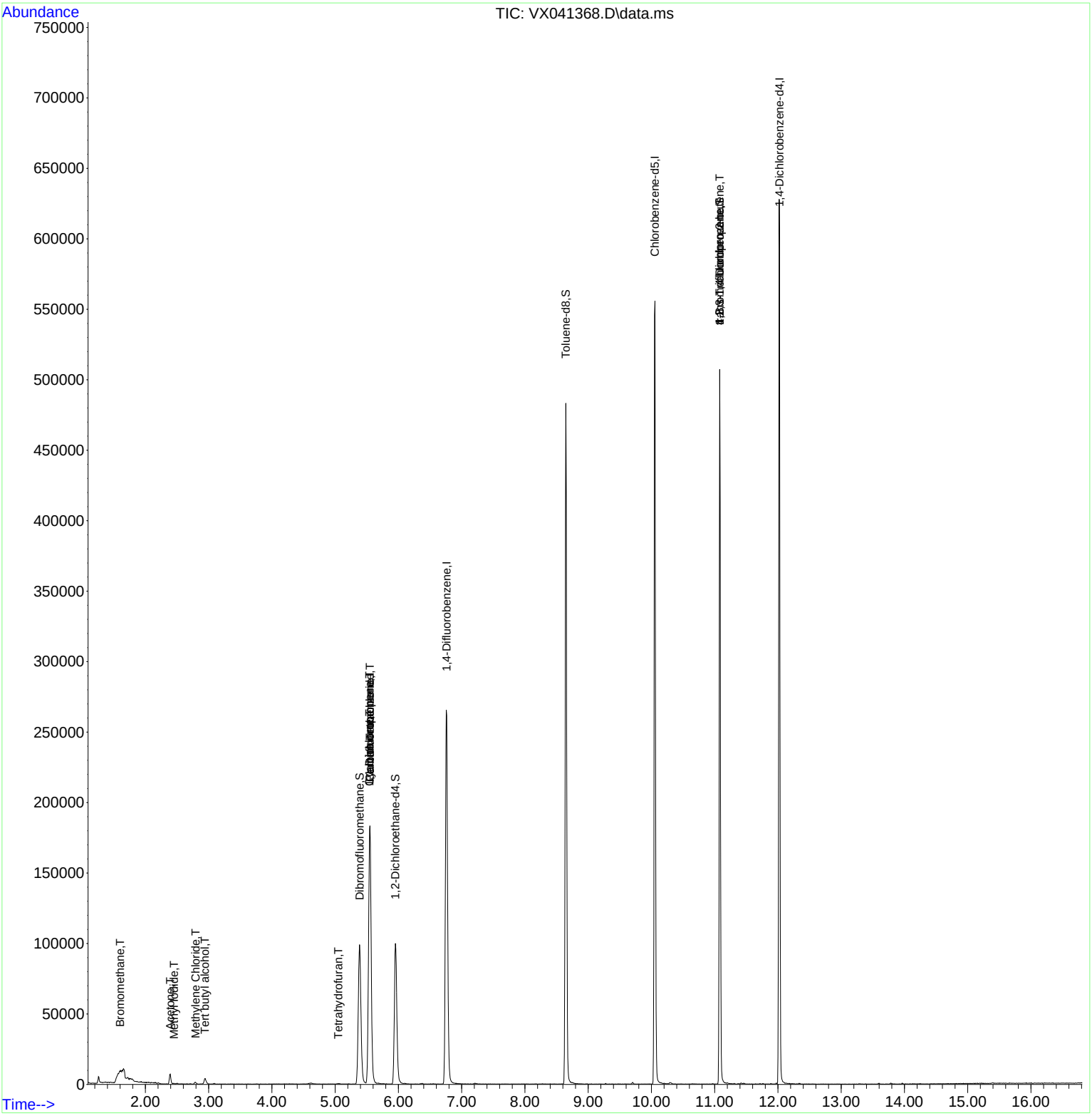
(#) = qualifier out of range (m) = manual integration (+) = signals summed

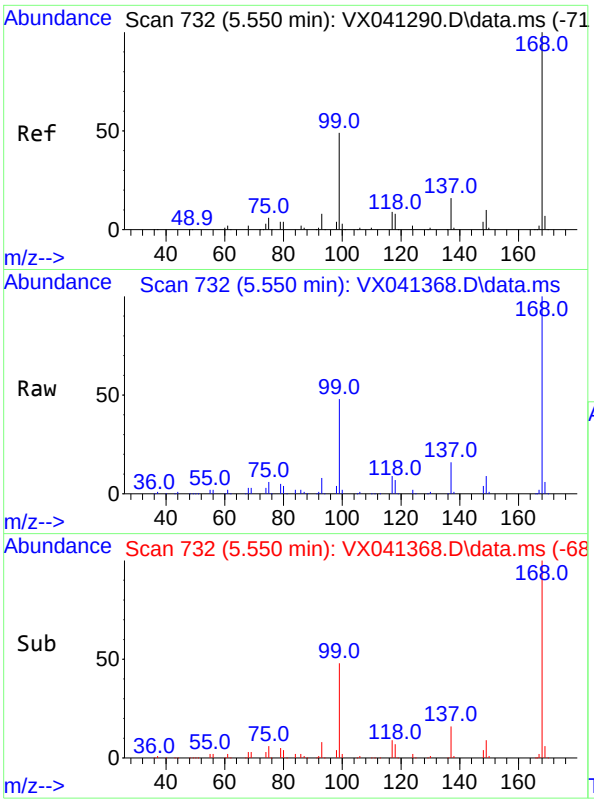
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
Data File : VX041368.D
Acq On : 06 May 2024 10:49
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 06 16:48:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



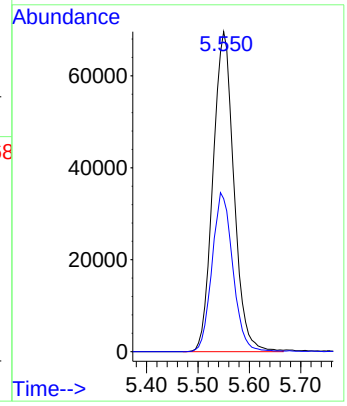


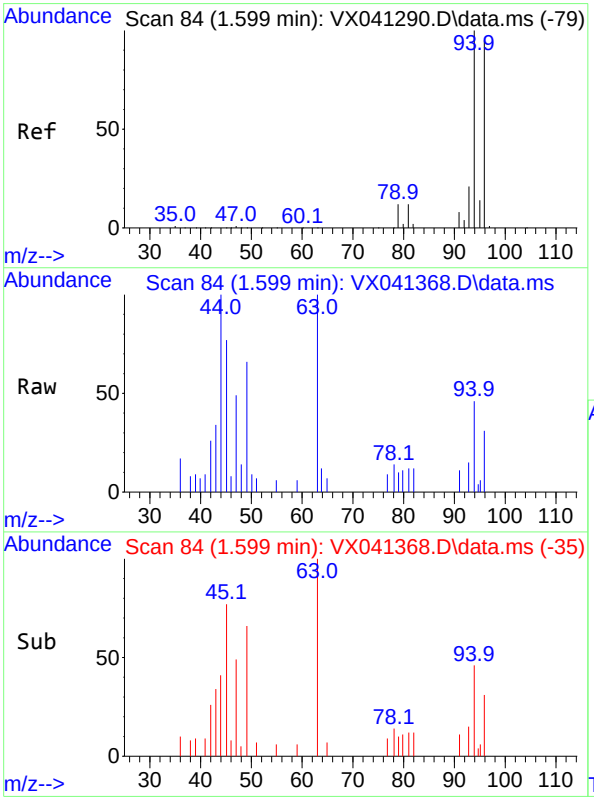

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion:168 Resp: 196779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.8 | 56.6 | 85.0# |

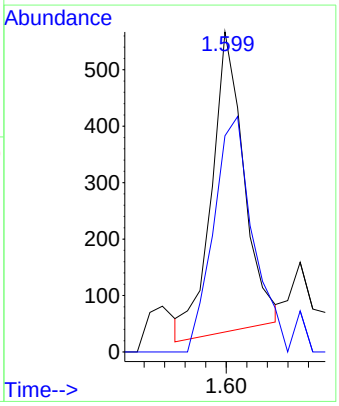


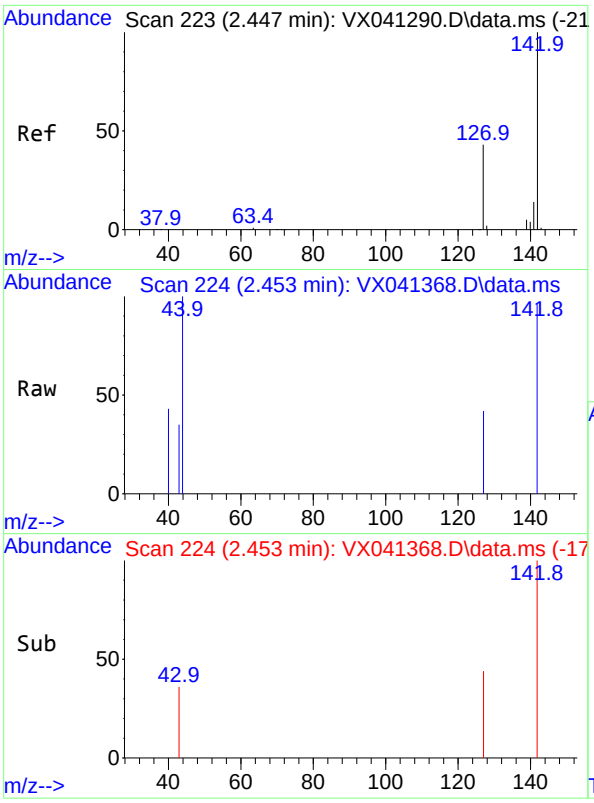




#5
Bromomethane
Concen: 0.583 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 94 Resp: 583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 75.4 | 74.6 | 111.8 |



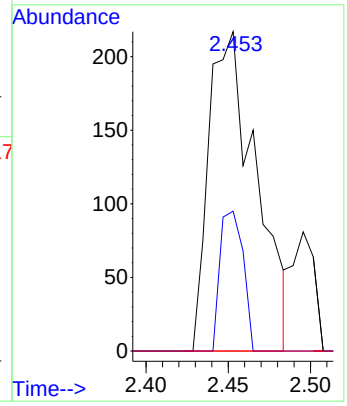


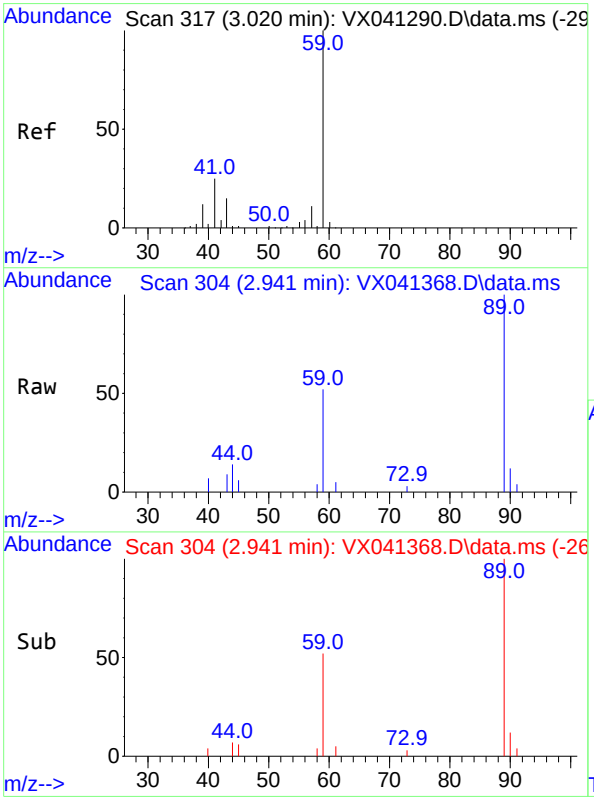

#10
Methyl Iodide
Concen: 0.260 ug/l
RT: 2.453 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion:142 Resp: 432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 21.5 | 41.6 | 62.4# |
| 141 | 0.0 | 11.6 | 17.4# |

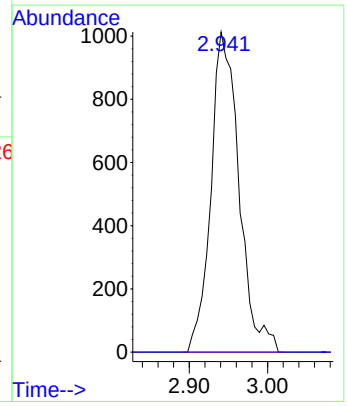


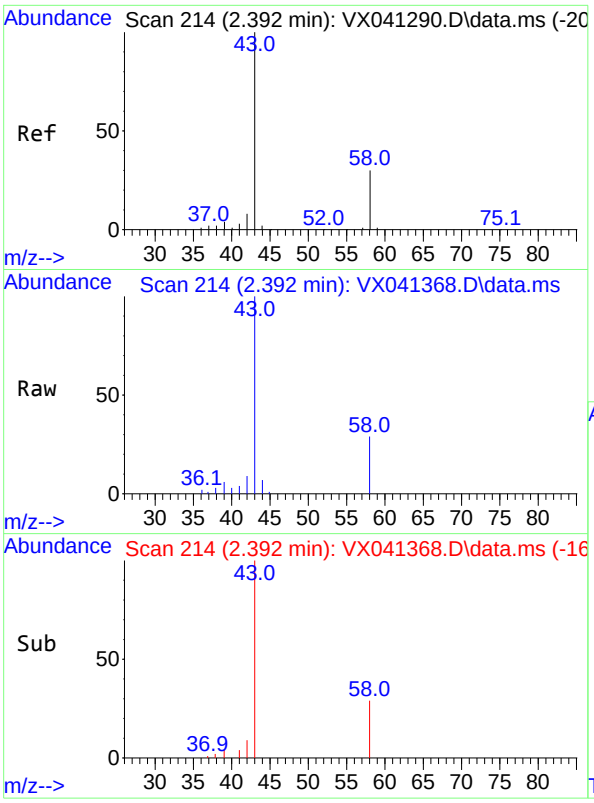




#11
Tert butyl alcohol
Concen: 5.896 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 59 Resp: 2528

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



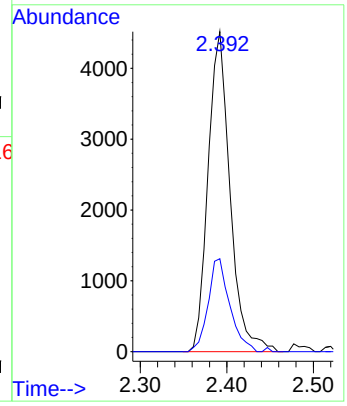


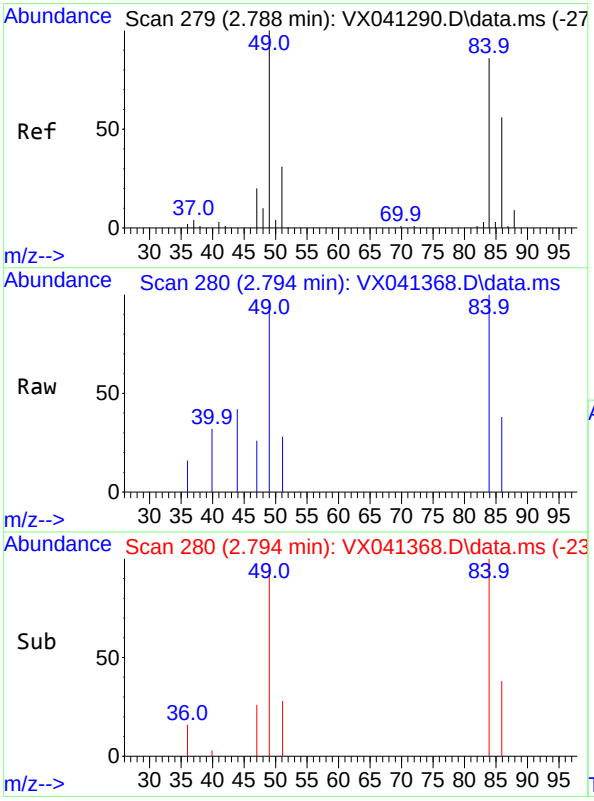

#16
Acetone
Concen: 4.592 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion: 43 Resp: 7954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.0 | 21.9 | 32.9 |

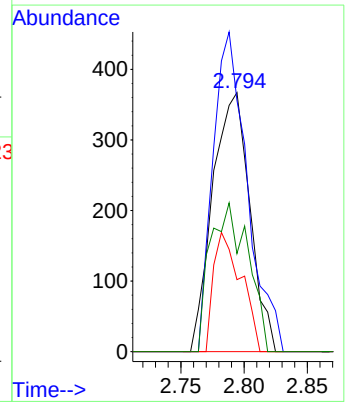


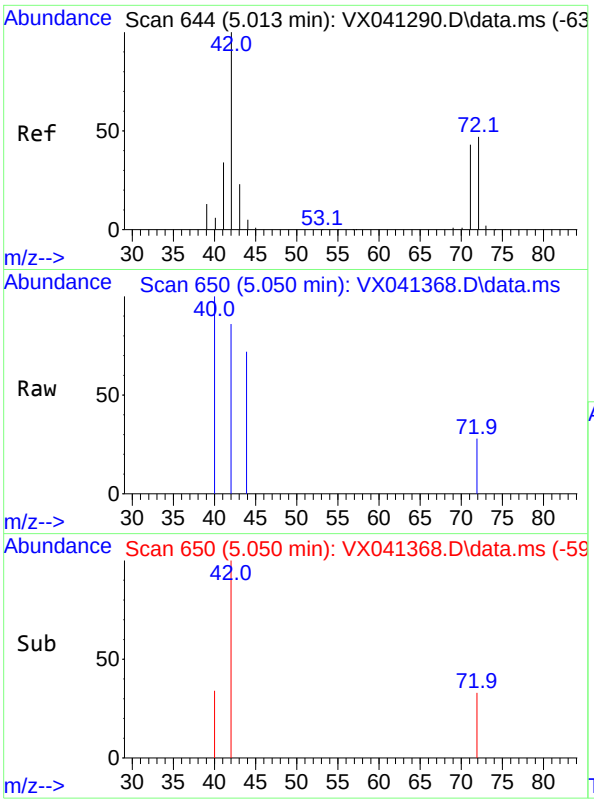




#20
Methylene Chloride
Concen: 0.403 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 84 Resp: 750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 97.0 | 103.6 | 155.4# |
| 51 | 27.8 | 33.8 | 50.6# |
| 86 | 37.9 | 49.4 | 74.0# |



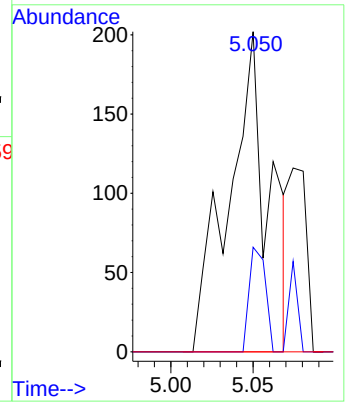


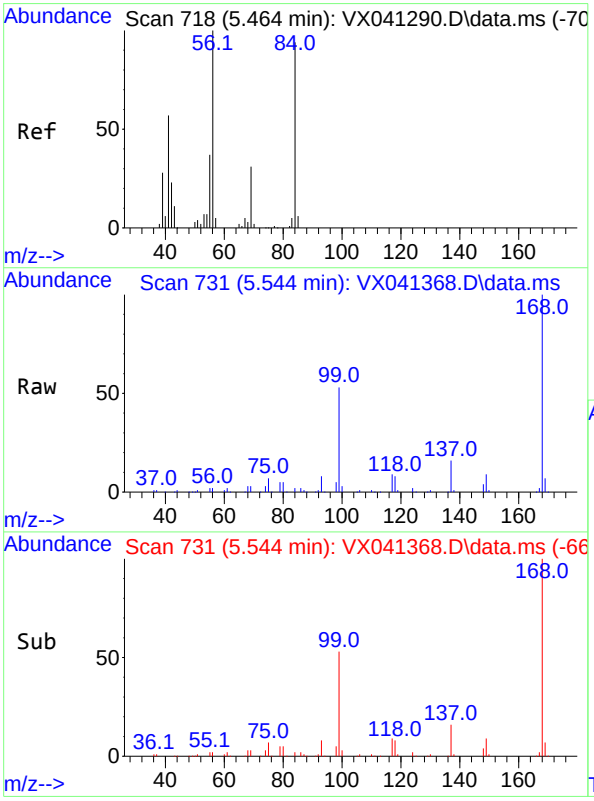

#29
Tetrahydrofuran
Concen: 0.379 ug/l
RT: 5.050 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion: 42 Resp: 344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 13.1 | 34.2 | 51.4# |
| 71 | 0.0 | 32.2 | 48.2# |

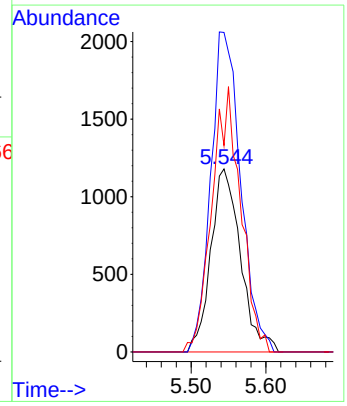


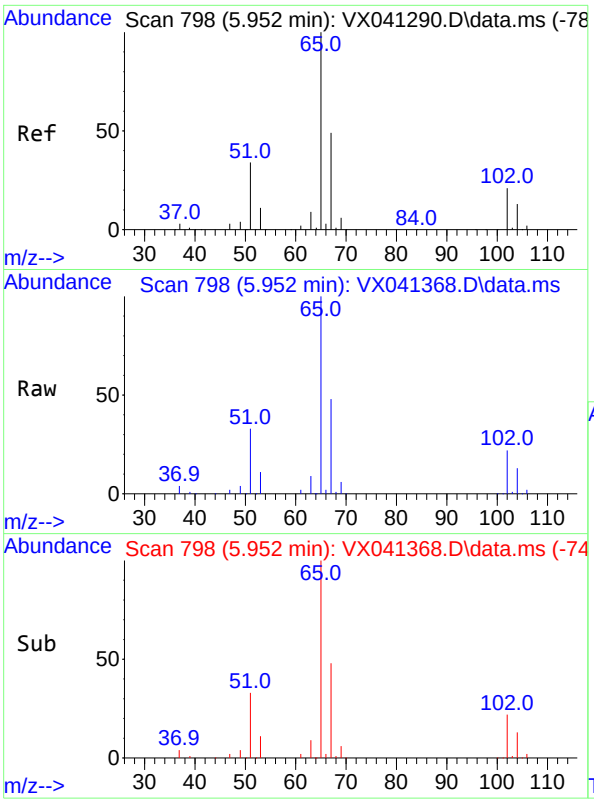




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 56 Resp: 3259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 174.6 | 23.4 | 35.2# |
| 84 | 112.8 | 65.9 | 98.9# |



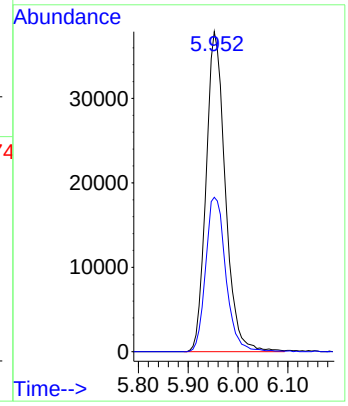


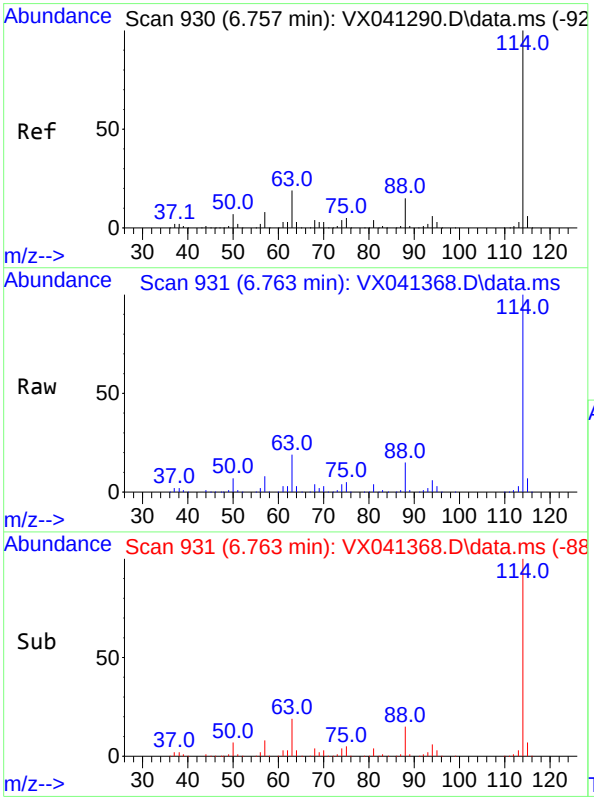

#33
1,2-Dichloroethane-d4
Concen: 47.368 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion: 65 Resp: 101472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.7 | 0.0 | 100.2 |

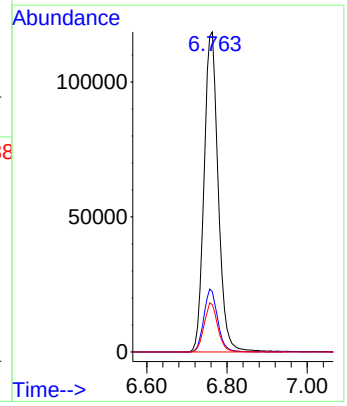


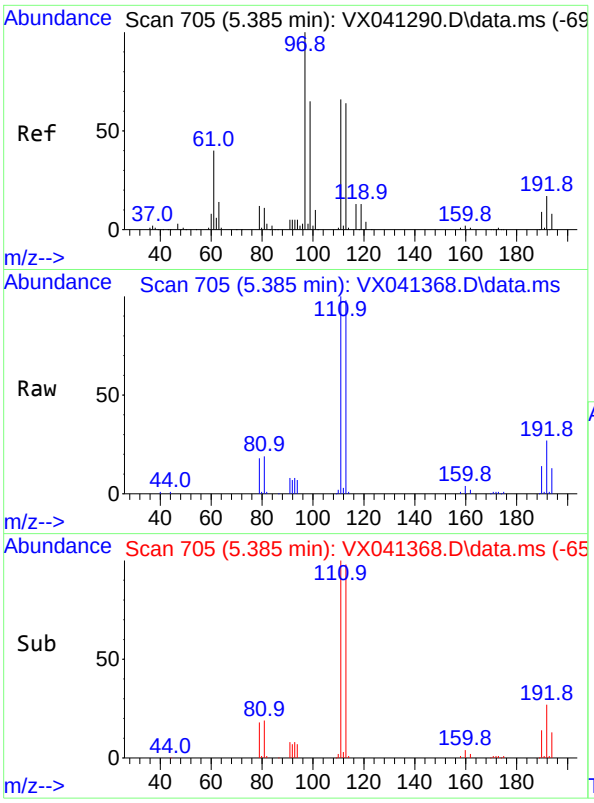




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion:114 Resp: 290490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 0.0 | 45.0 |
| 88 | 14.8 | 0.0 | 36.6 |



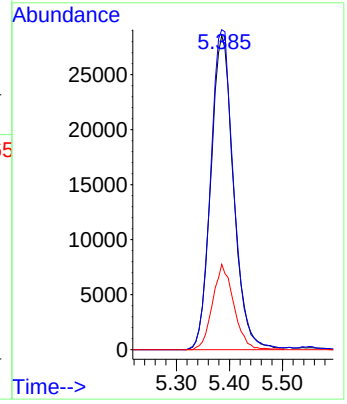


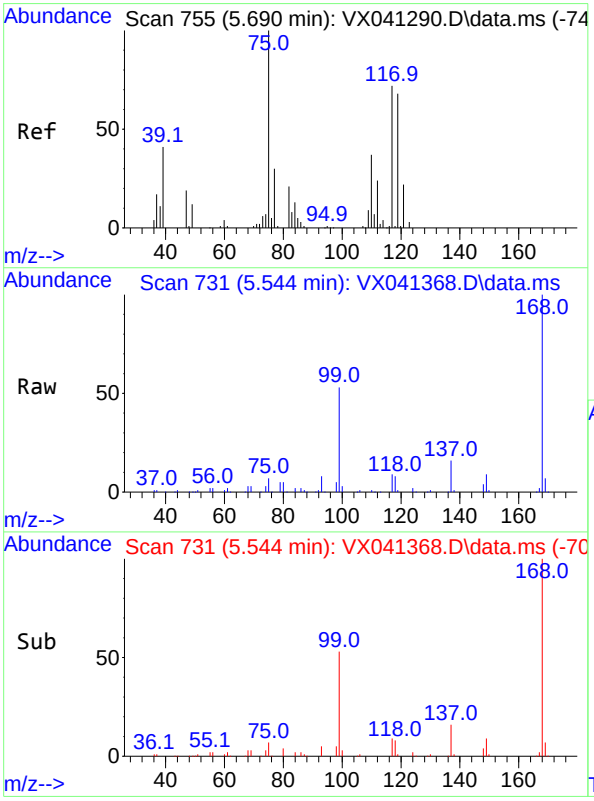

#35
Dibromofluoromethane
Concen: 43.112 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion:113 Resp: 84868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.9 | 124.3 |
| 192 | 25.4 | 13.3 | 19.9# |

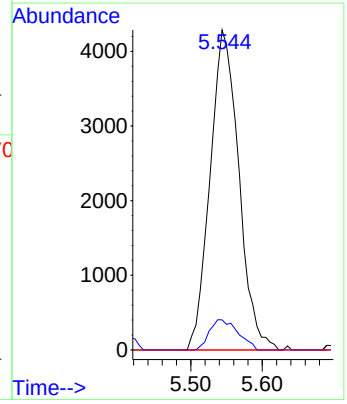


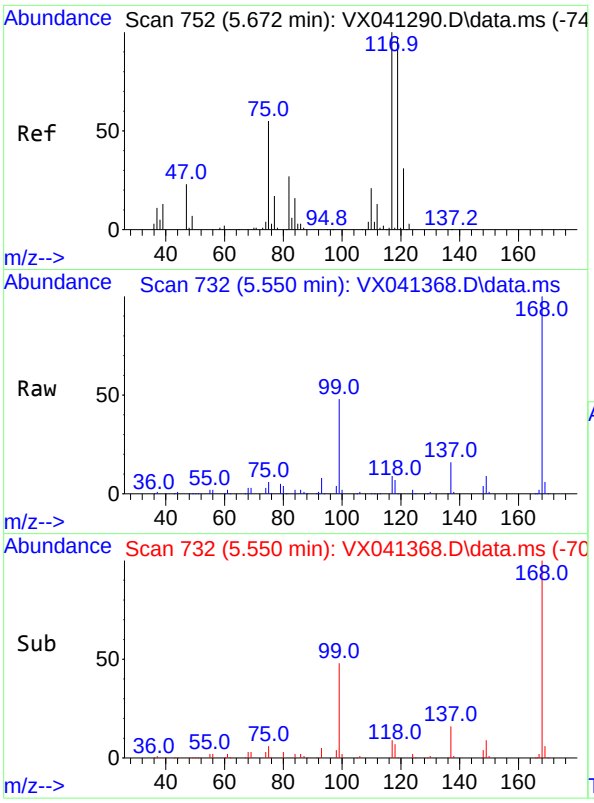




#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 75 Resp: 11965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.4 | 17.0 | 50.9# |
| 77 | 0.0 | 24.7 | 37.1# |



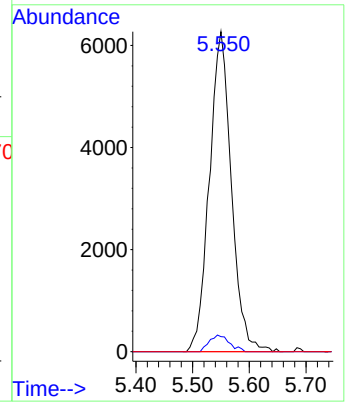


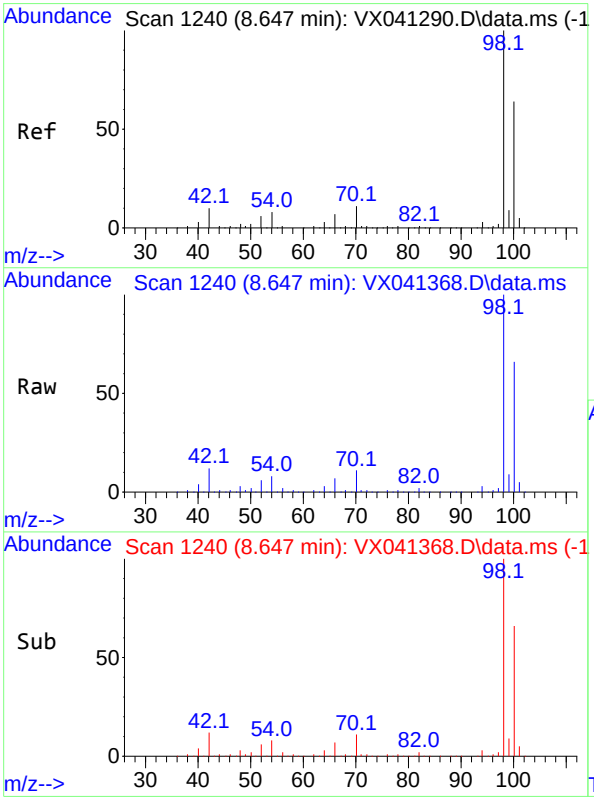

#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion:117 Resp: 16900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.7 | 78.2 | 117.2# |
| 121 | 0.0 | 24.4 | 36.6# |

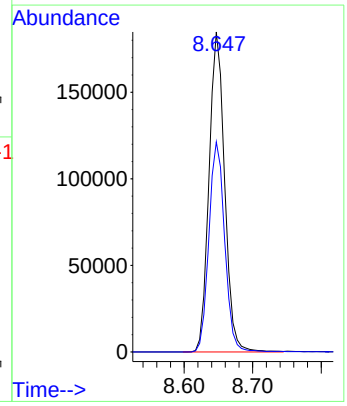


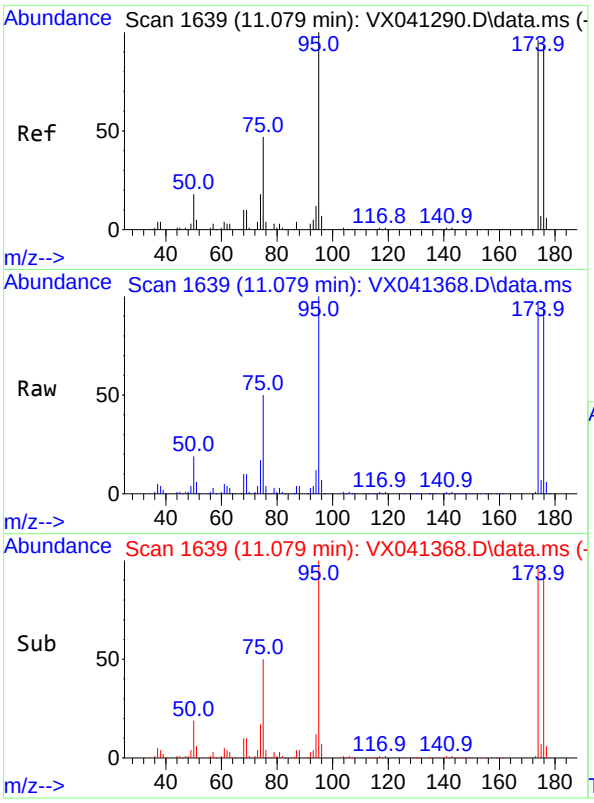




#50
Toluene-d8
Concen: 47.115 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 98 Resp: 293560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.1 | 79.7 |



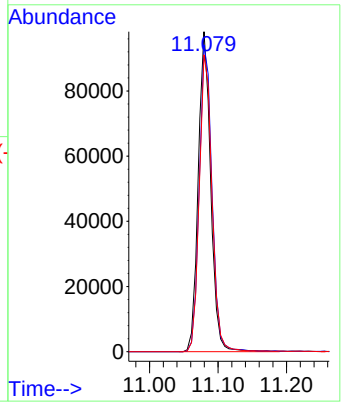


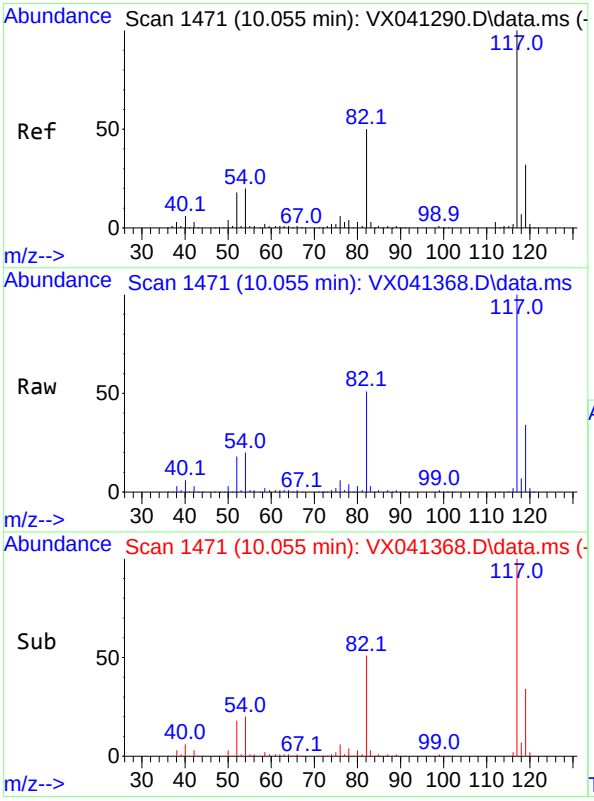

#62
4-Bromofluorobenzene
Concen: 51.539 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion: 95 Resp: 124309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 98.3 | 0.0 | 135.6 |
| 176 | 95.0 | 0.0 | 131.0 |

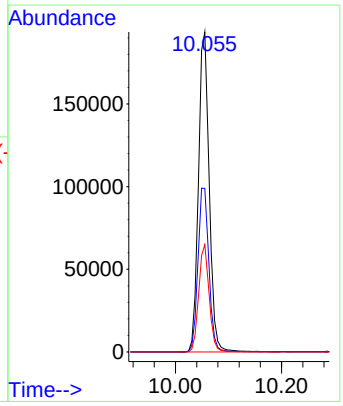


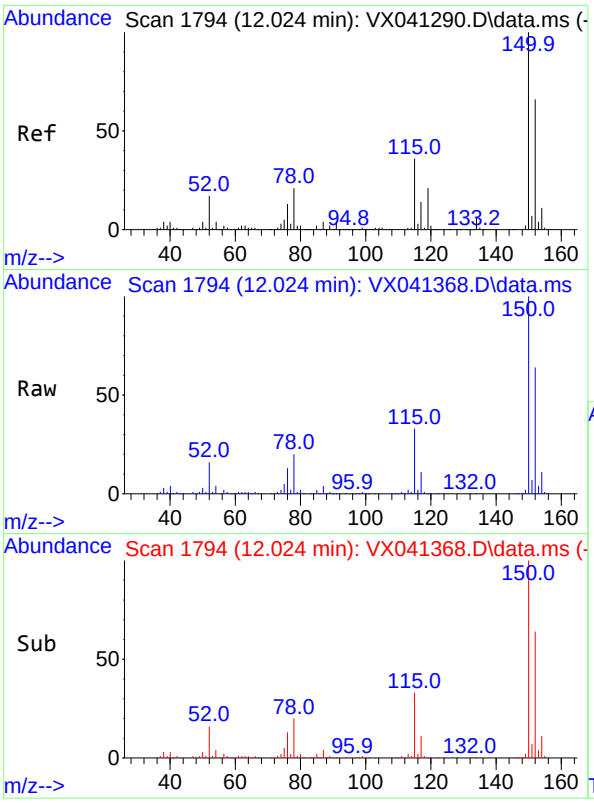




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion:117 Resp: 273240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.1 | 46.2 | 69.4 |
| 119 | 33.6 | 25.5 | 38.3 |



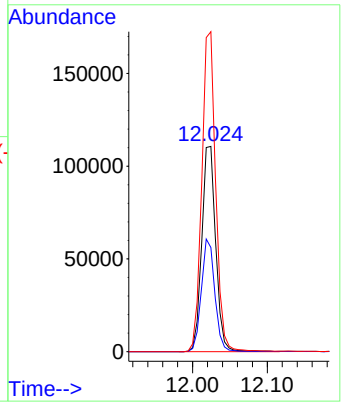


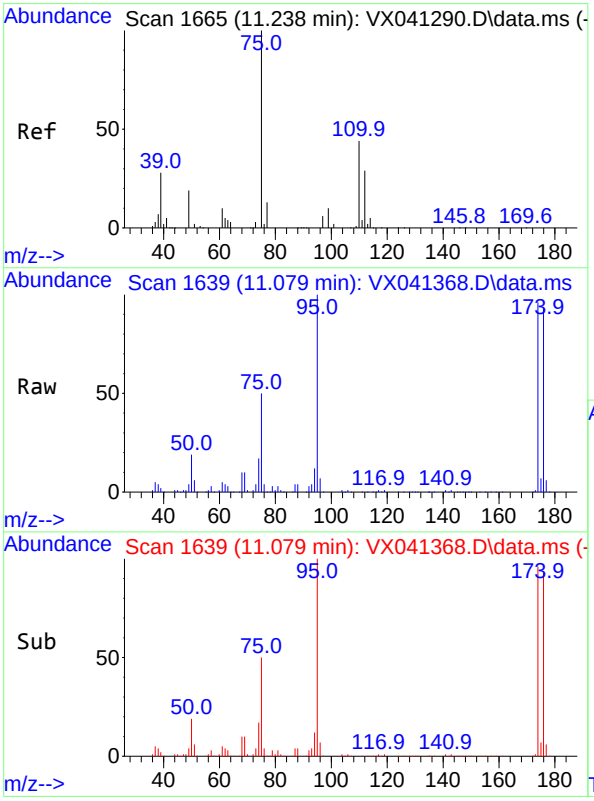

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion:152 Resp: 143672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.0 | 43.3 | 129.9 |
| 150 | 155.3 | 0.0 | 345.0 |

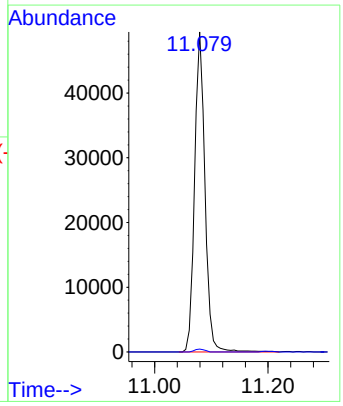


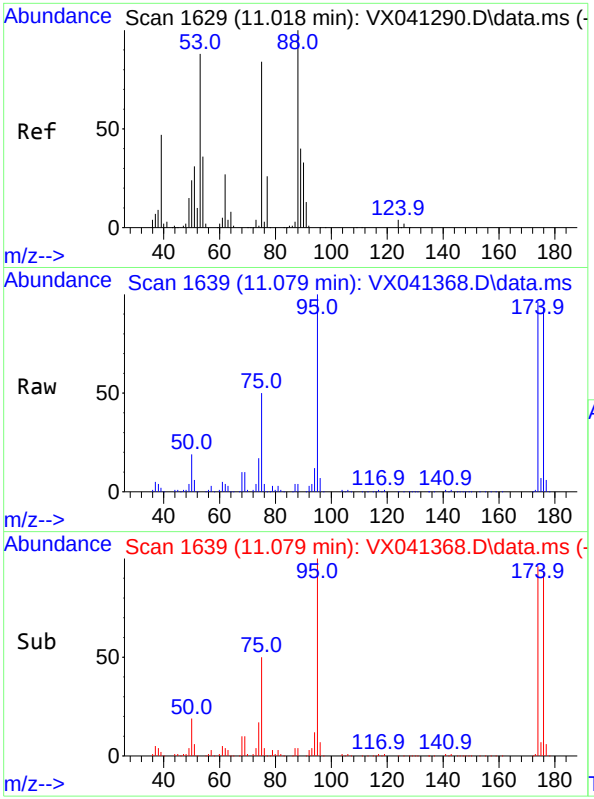




#76
1,2,3-Trichloropropane
Concen: 26.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

Tgt Ion: 75 Resp: 62709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.9 | 19.1 | 57.5# |






#81
trans-1,4-Dichloro-2-butene
Concen: 72.953 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041368.D
Acq: 06 May 2024 10:49

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

Tgt Ion: 75 Resp: 62709

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