Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
Data File : VX041844.D
Acq On : 13 Jun 2024 11:25
Operator : JC/MD
Sample : PB161467TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Quant Time: Jun 14 00:54:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 166828 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 261909 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 258872 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 127111 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 87361 | 42.697 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 85.400% | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 79676 | 44.000 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 88.000% | | |
| 50) Toluene-d8 | 8.647 | 98 | 310542 | 49.080 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 98.160% | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 116499 | 49.887 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 99.780% | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.392 | 43 | 86298 | 94.298 | ug/l | 90 |
| 18) Methyl Acetate | 2.709 | 43 | 2603 | 1.332 | ug/l | 96 |
| 20) Methylene Chloride | 2.788 | 84 | 9505 | 5.191 | ug/l | 88 |
| 25) 2-Butanone | 4.574 | 43 | 21488 | 16.898 | ug/l | 98 |
| 43) Isopropyl Acetate | 6.342 | 43 | 121596 | 29.105 | ug/l | 95 |

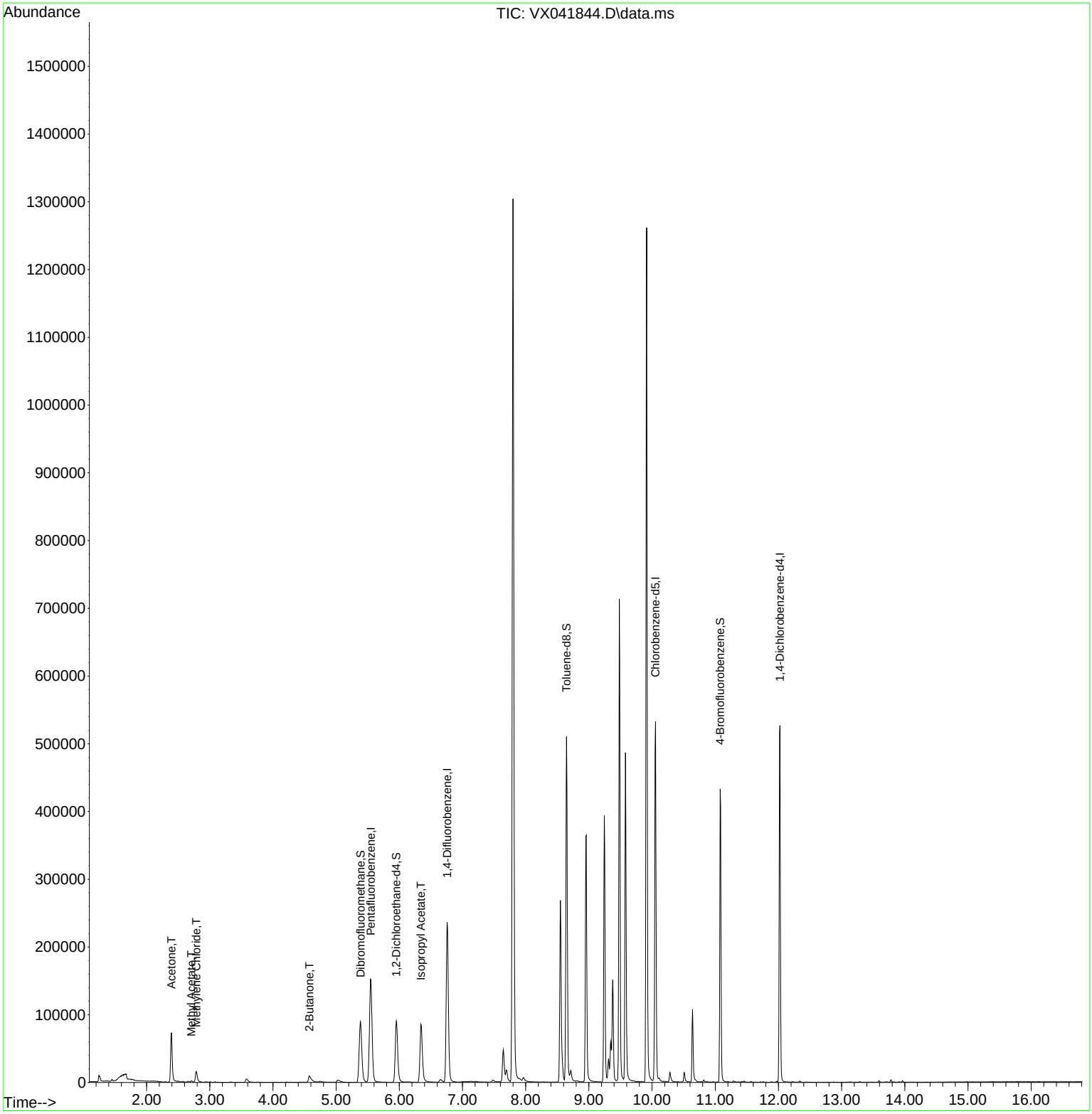
(#) = qualifier out of range (m) = manual integration (+) = signals summed

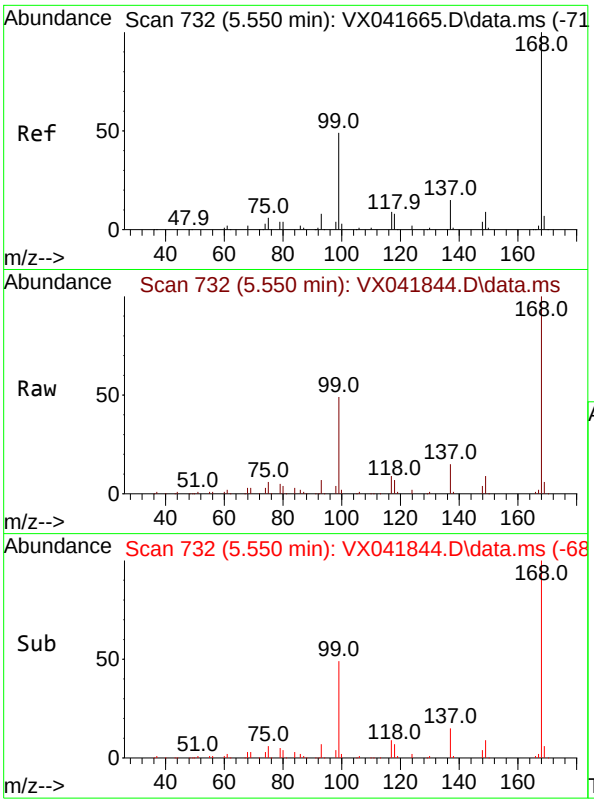
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
Data File : VX041844.D
Acq On : 13 Jun 2024 11:25
Operator : JC/MD
Sample : PB161467TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Quant Time: Jun 14 00:54:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



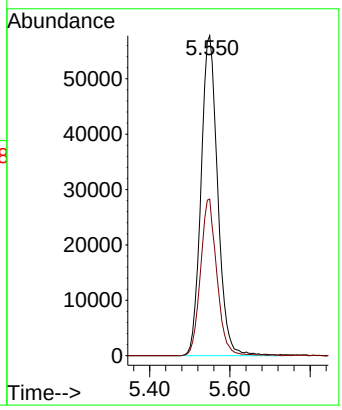


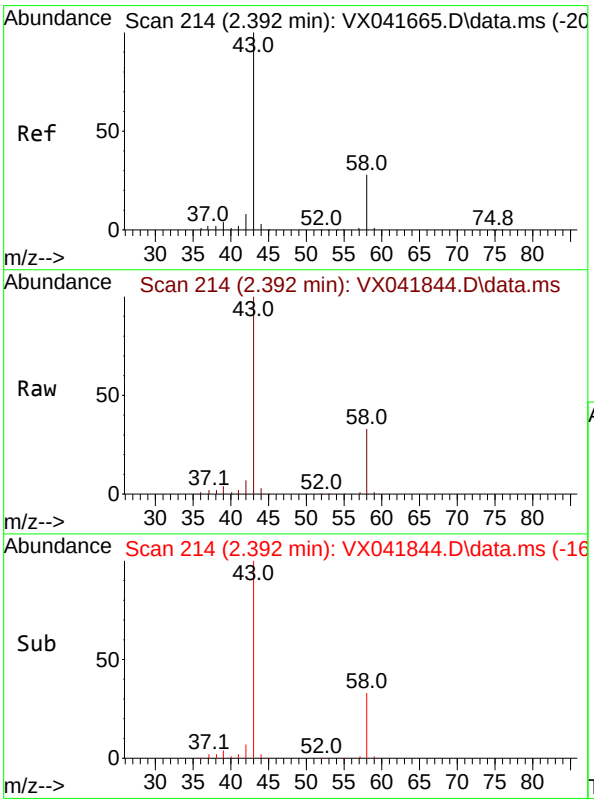

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion:168 Resp: 166828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.0 | 56.6 | 85.0# |

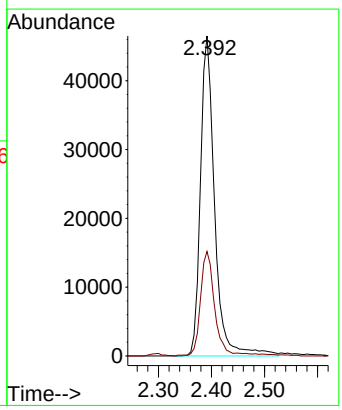


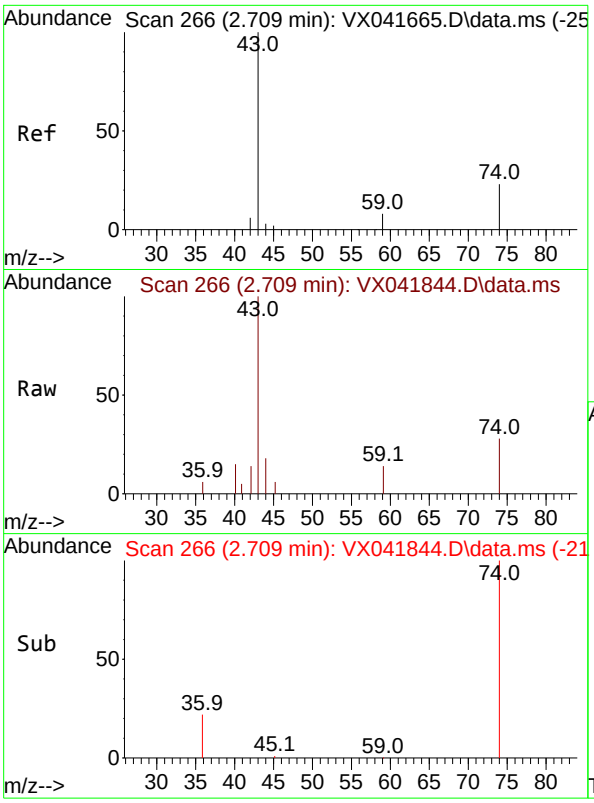




#16
Acetone
Concen: 94.298 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion: 43 Resp: 86298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.4 | 21.9 | 32.9 |



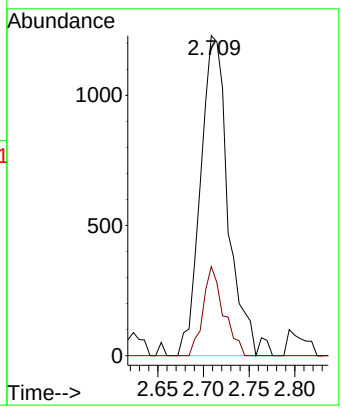


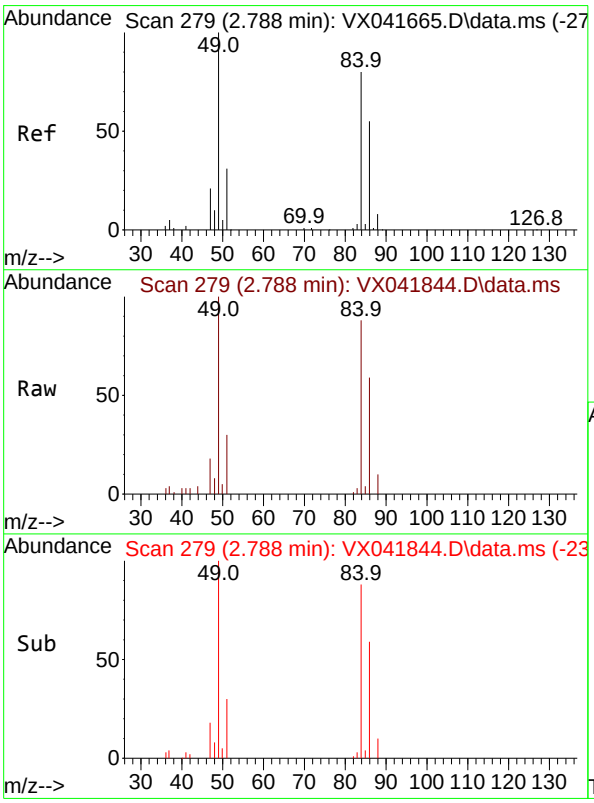

#18
Methyl Acetate
Concen: 1.332 ug/l
RT: 2.709 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion: 43 Resp: 2603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.5 | 17.8 | 26.8 |

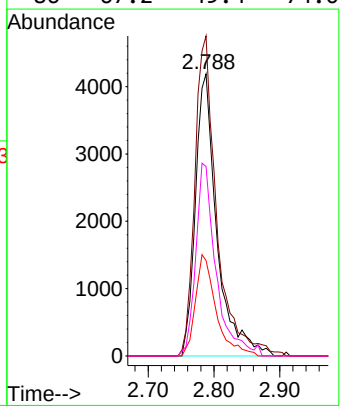


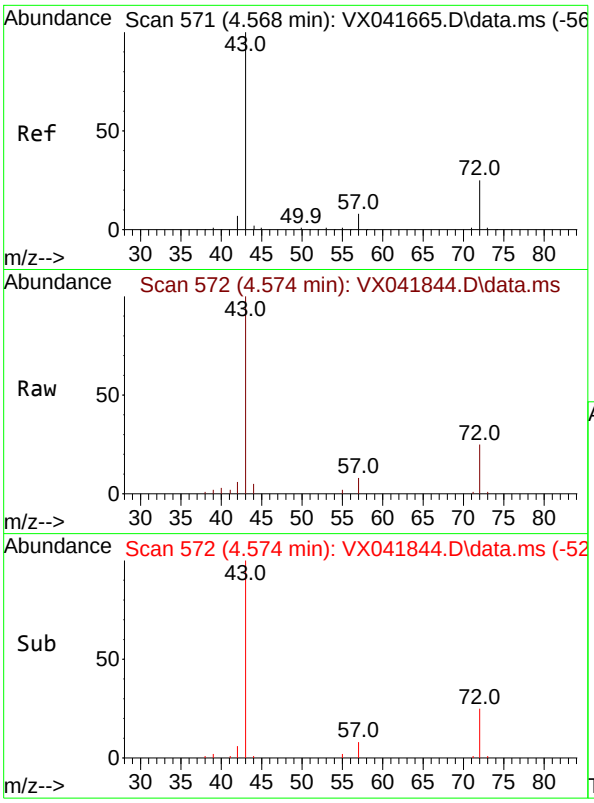




#20
Methylene Chloride
Concen: 5.191 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion: 84 Resp: 9505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.5 | 103.6 | 155.4 |
| 51 | 33.8 | 33.8 | 50.6 |
| 86 | 67.2 | 49.4 | 74.0 |



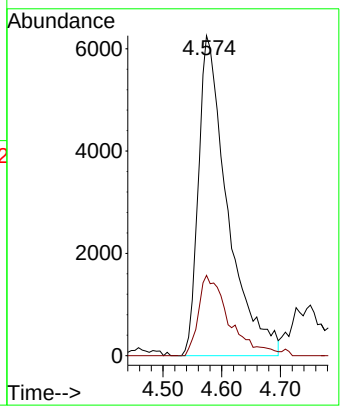


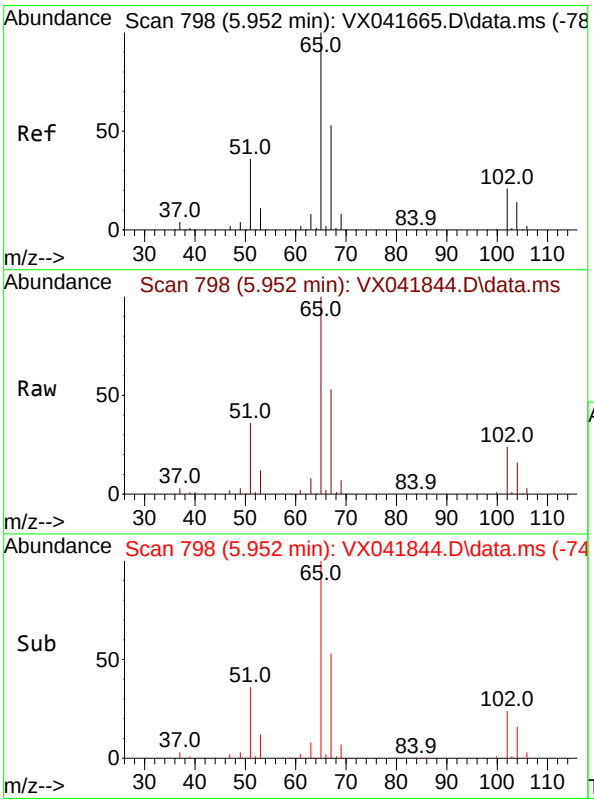

#25
2-Butanone
Concen: 16.898 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion: 43 Resp: 21488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.1 | 19.4 | 29.2 |

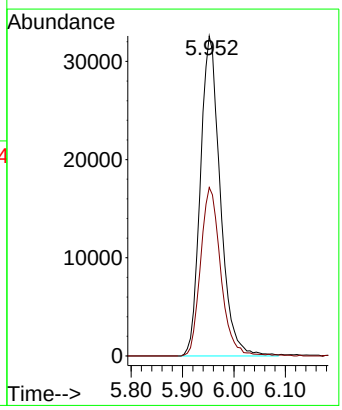


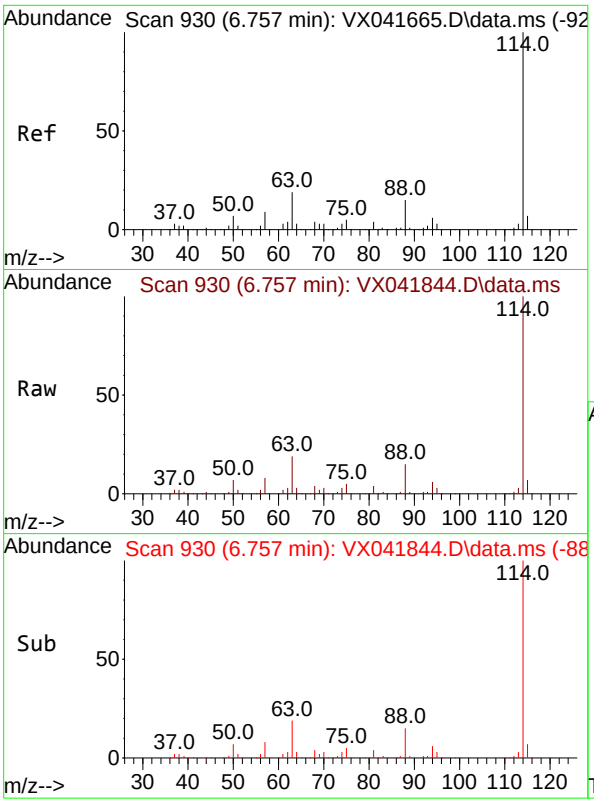




#33
1,2-Dichloroethane-d4
Concen: 42.697 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion: 65 Resp: 87361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.5 | 0.0 | 100.2 |



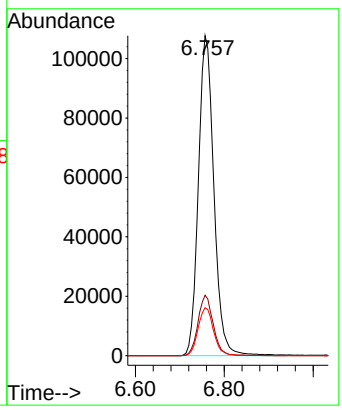


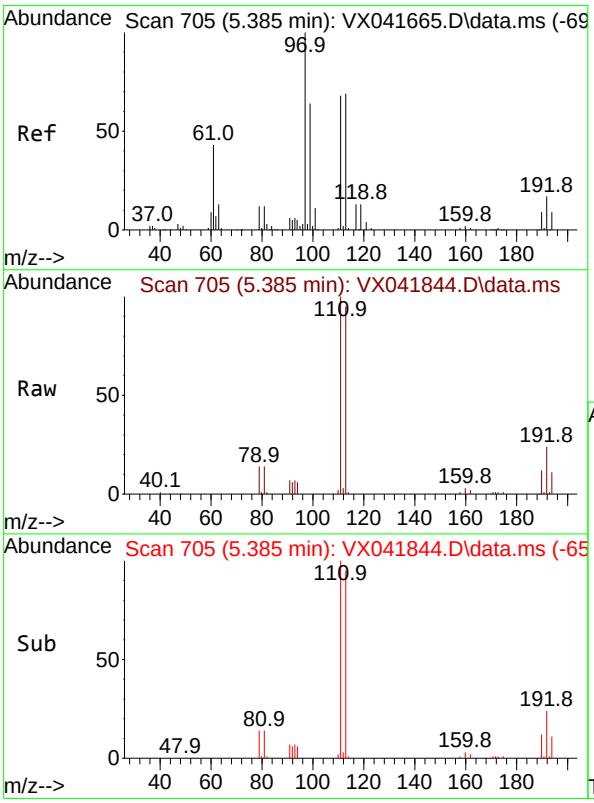

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion:114 Resp: 261909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 0.0 | 45.0 |
| 88 | 15.0 | 0.0 | 36.6 |

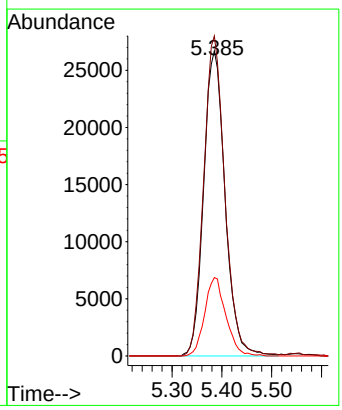


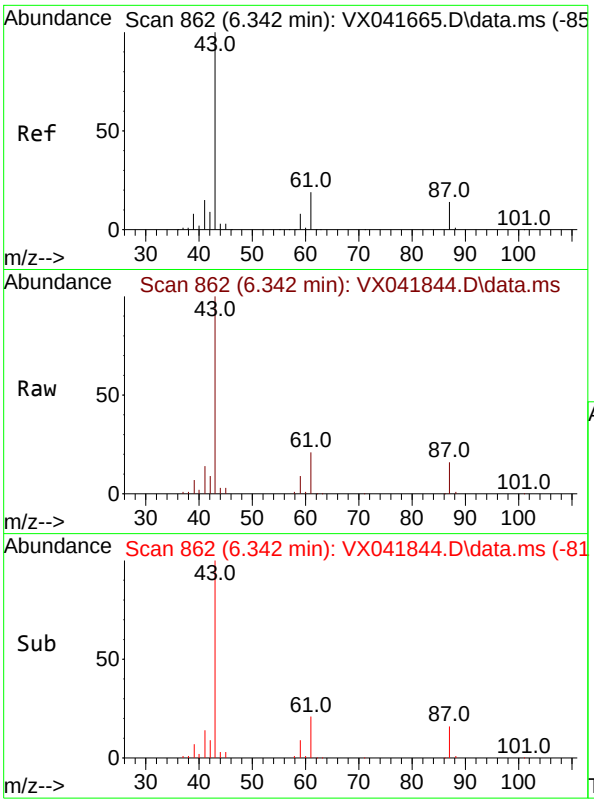




#35
Dibromofluoromethane
Concen: 44.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion:113 Resp: 79676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 82.9 | 124.3 |
| 192 | 25.4 | 13.3 | 19.9# |



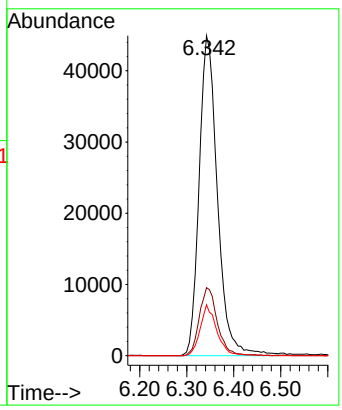


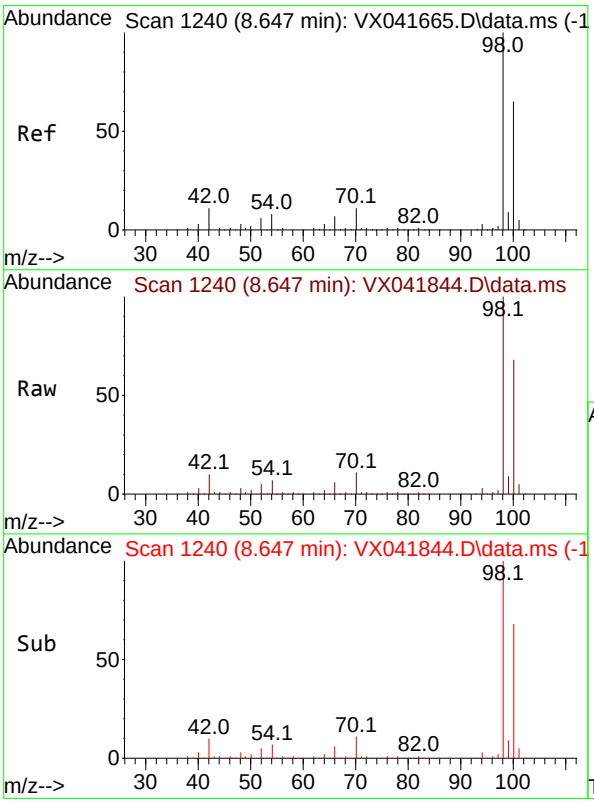

#43
Isopropyl Acetate
Concen: 29.105 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion: 43 Resp: 121596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.0 | 15.2 | 22.8 |
| 87 | 14.4 | 9.8 | 14.6 |

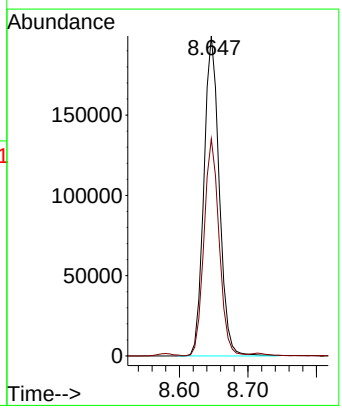


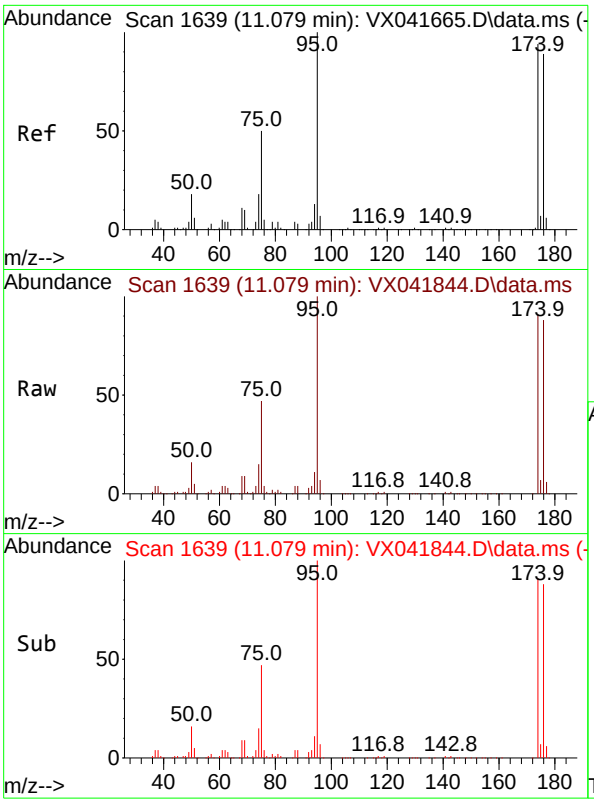




#50
Toluene-d8
Concen: 49.080 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion: 98 Resp: 310542

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



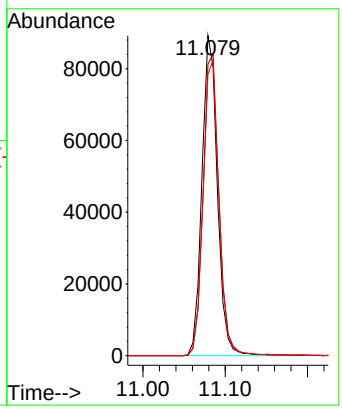


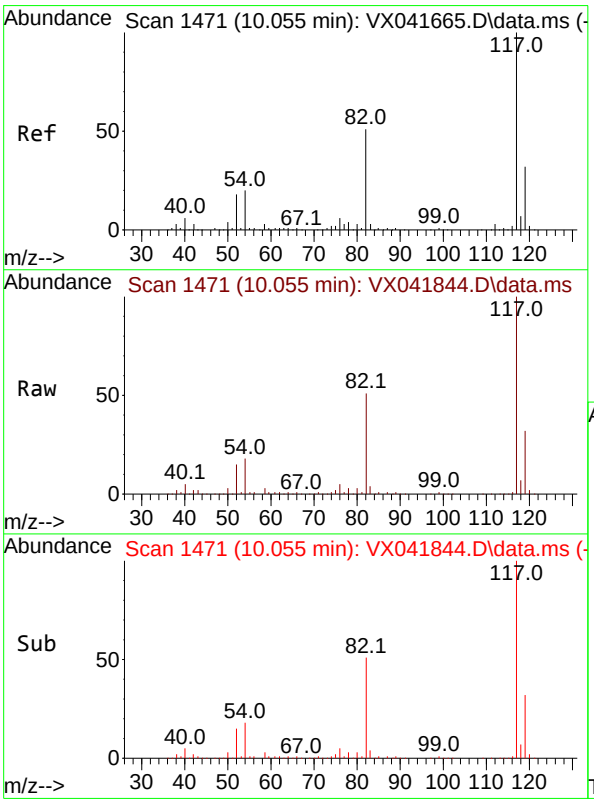

#62
4-Bromofluorobenzene
Concen: 49.887 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion: 95 Resp: 116499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.0 | 0.0 | 135.6 |
| 176 | 94.8 | 0.0 | 131.0 |

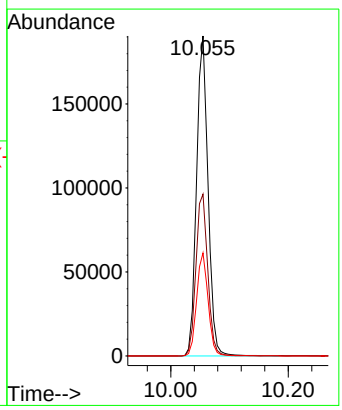


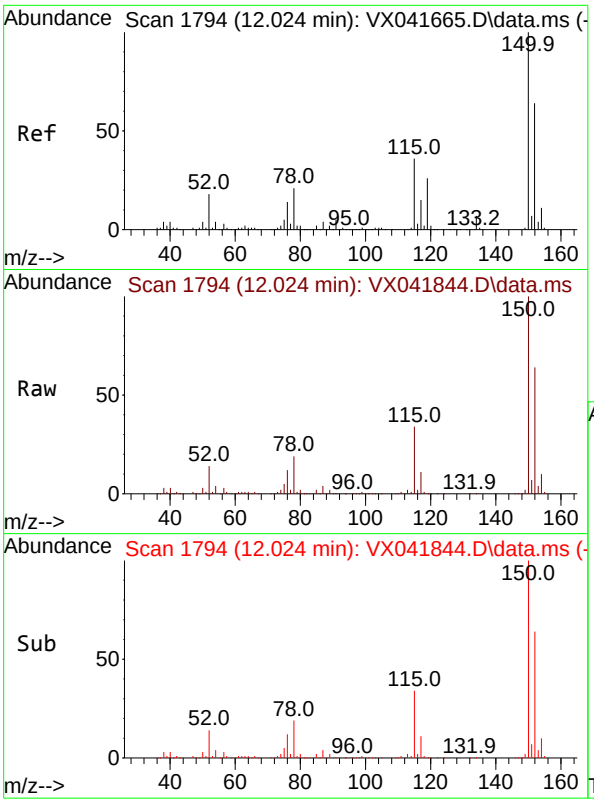




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041844.D
Acq: 13 Jun 2024 11:25

Tgt Ion:117 Resp: 258872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.5 | 46.2 | 69.4 |
| 119 | 32.2 | 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: VX041844.D
Acq: 13 Jun 2024 11:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB161467TB

Tgt Ion:152 Resp: 127111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.9 | 43.3 | 129.9 |
| 150 | 156.8 | 0.0 | 345.0 |