Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
Data File : VX030369.D
Acq On : 03 Aug 2022 14:36
Operator : JC/MD
Sample : N3976-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Quant Time: Aug 03 15:55:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 103438 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 191839 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 184781 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 108533 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 124036 | 59.660 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 119.320% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 91647 | 49.974 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.940% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 332884 | 46.872 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 93.740% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 119487 | 45.334 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 90.660% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.386 | 43 | 76700 | 72.058 | ug/l | 90 |
| 20) Methylene Chloride | 2.788 | 84 | 21462 | 9.721 | ug/l | 88 |
| 25) 2-Butanone | 4.587 | 43 | 9508 | 5.316 | ug/l | 96 |
| 37) Ethyl Acetate | 4.727 | 43 | 33356 | 8.925 | ug/l | 97 |
| 43) Isopropyl Acetate | 6.348 | 43 | 138720 | 25.320 | ug/l | 94 |

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

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Misc : 5.0mL/MSVOA_X/WATER
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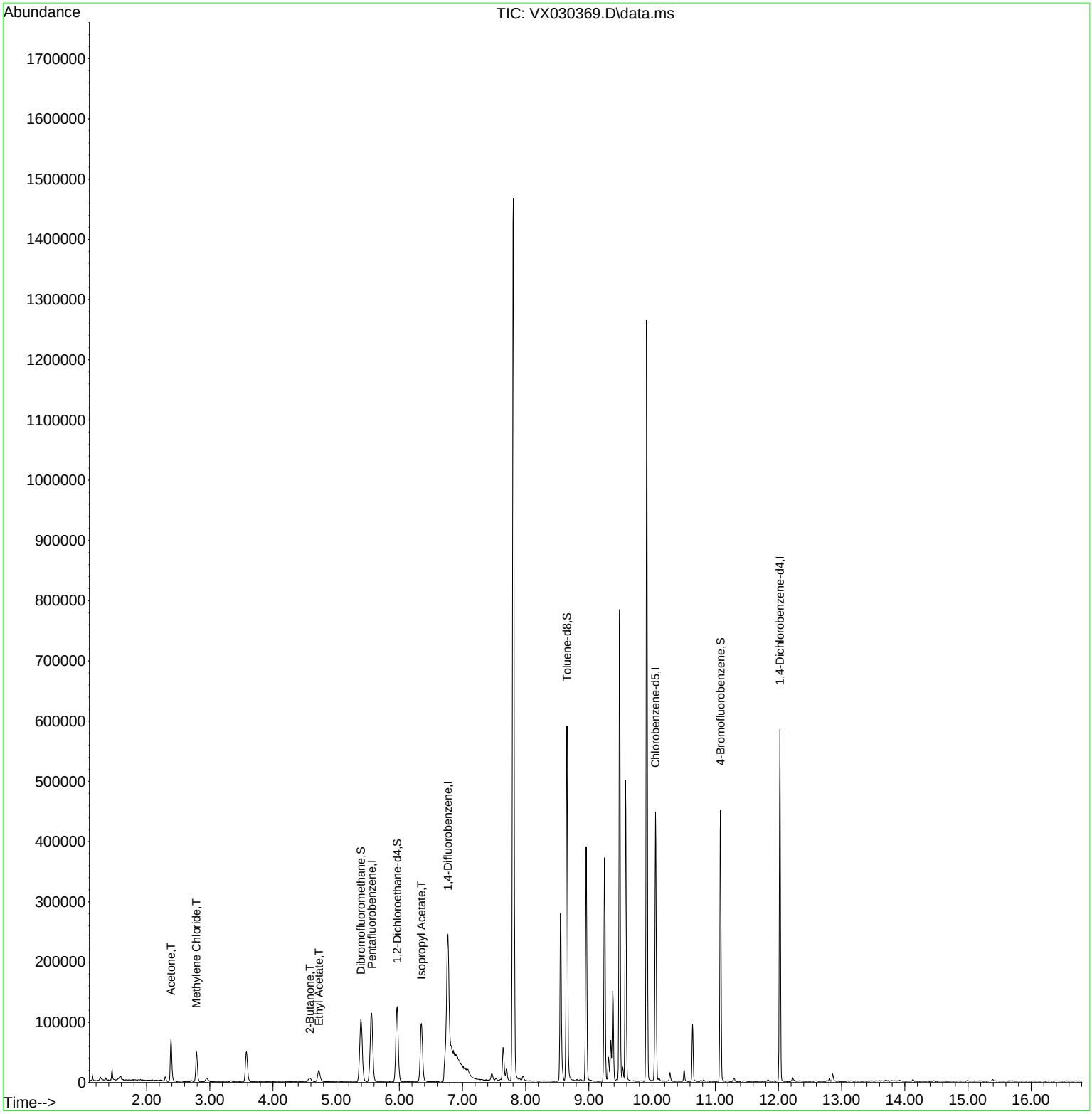
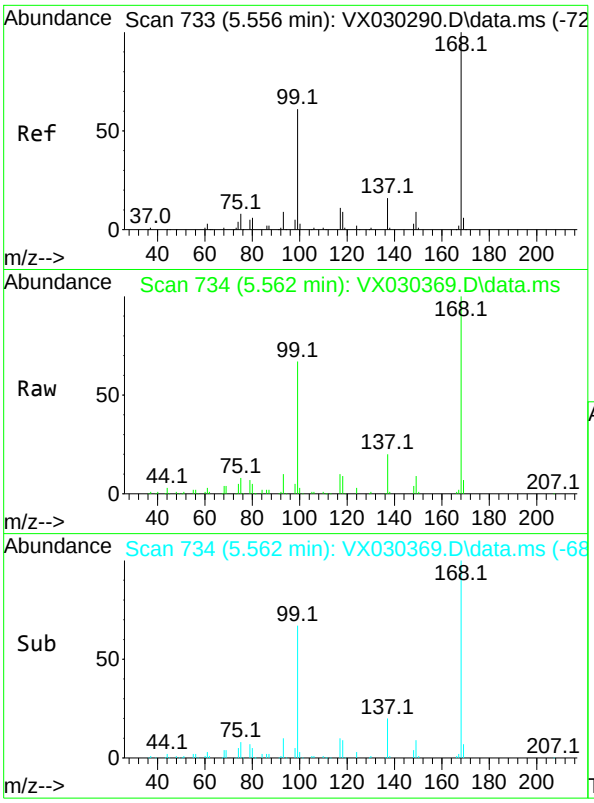
**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Quant Time: Aug 03 15:55:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



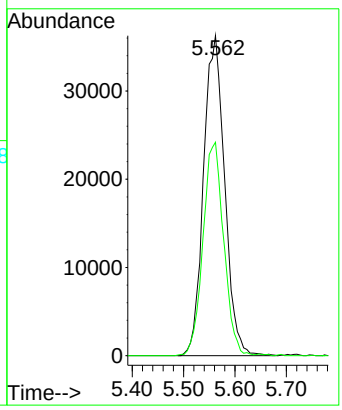


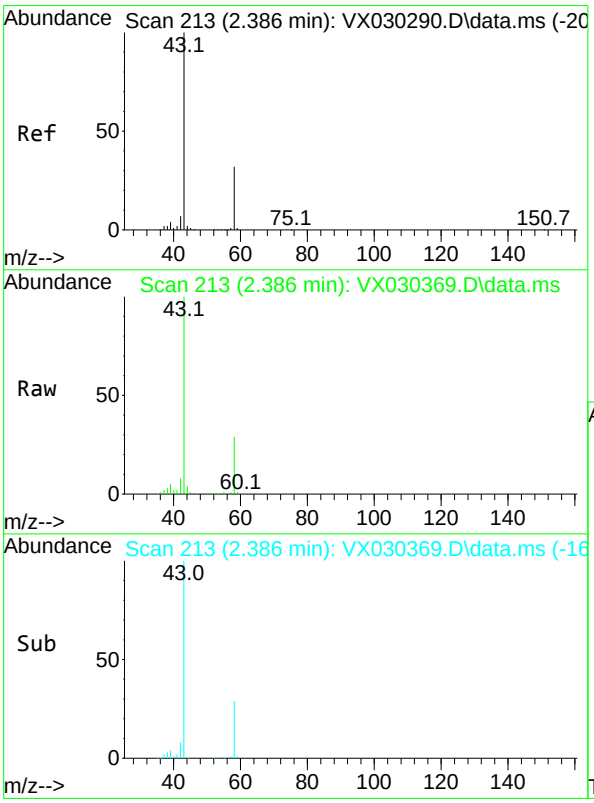

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion:168 Resp: 103438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.5 | 44.0 | 66.0# |

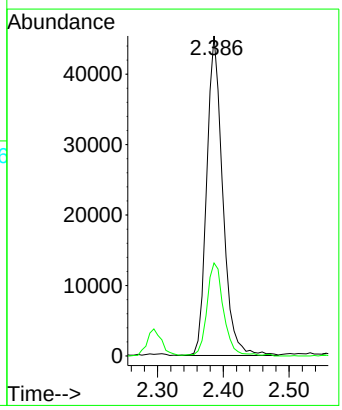


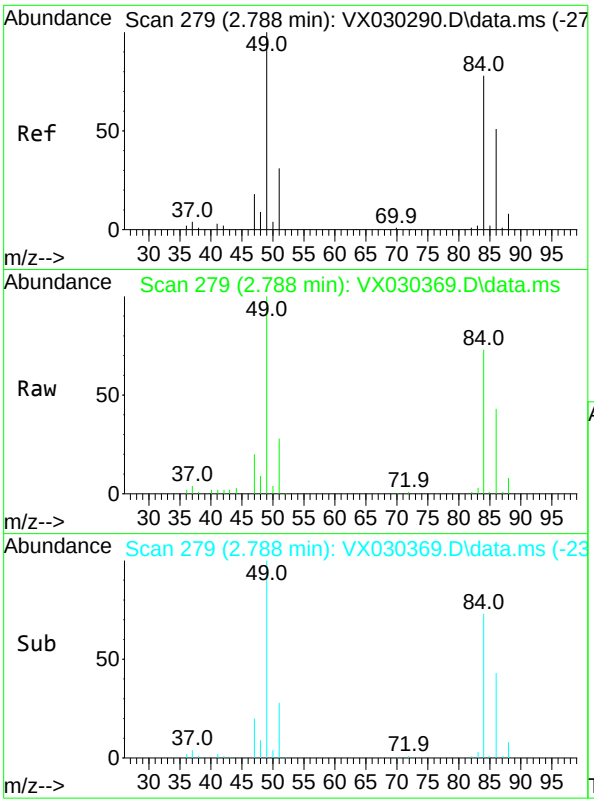




#16
Acetone
Concen: 72.058 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion: 43 Resp: 76700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 27.7 | 41.5 |



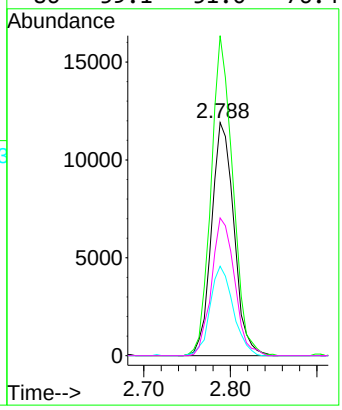


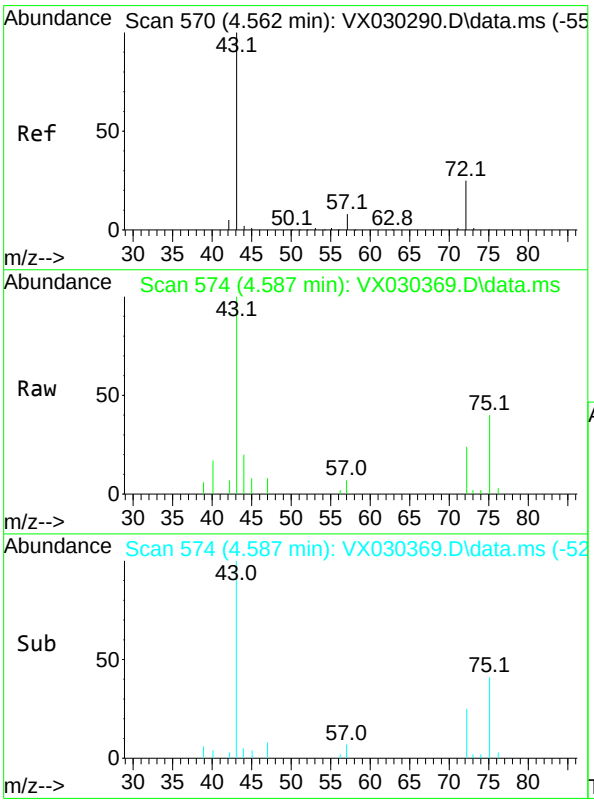

#20
Methylene Chloride
Concen: 9.721 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion: 84 Resp: 21462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 137.2 | 93.8 | 140.6 |
| 51 | 38.4 | 29.4 | 44.0 |
| 86 | 59.1 | 51.0 | 76.4 |

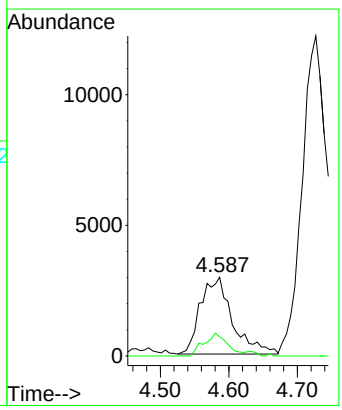


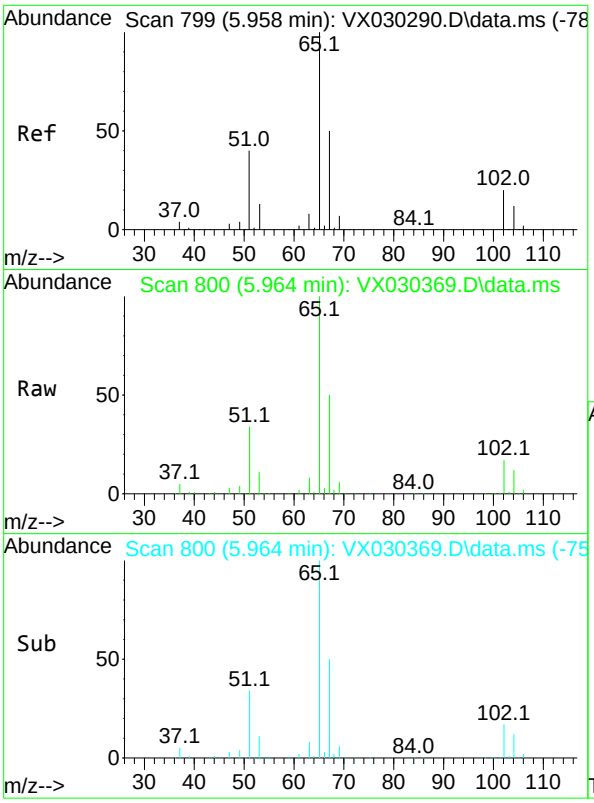




#25
2-Butanone
Concen: 5.316 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion: 43 Resp: 9508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.0 | 21.7 | 32.5 |



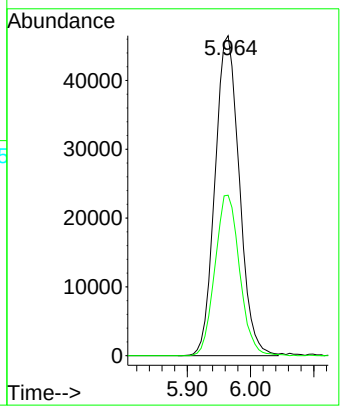


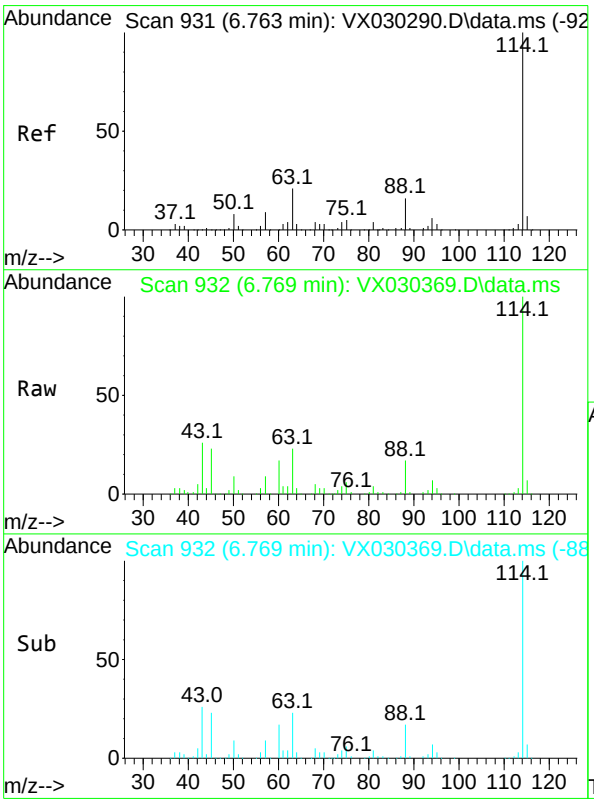

#33
1,2-Dichloroethane-d4
Concen: 59.660 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion: 65 Resp: 124036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 0.0 | 109.6 |

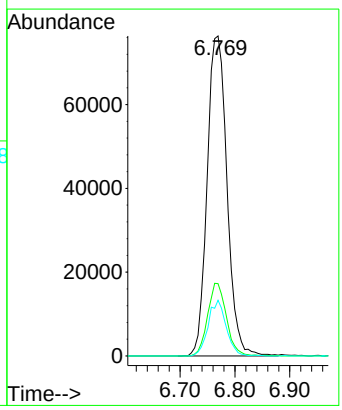


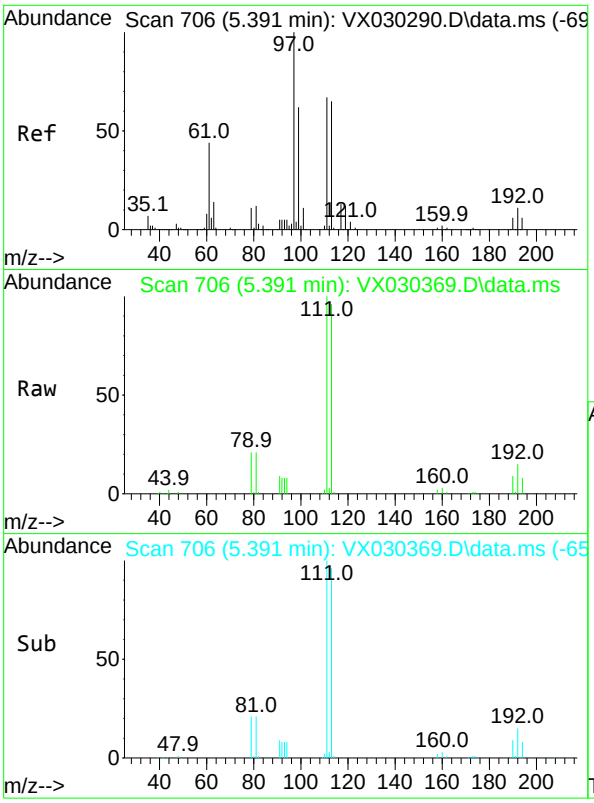




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion:114 Resp: 191839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.6 | 0.0 | 38.4 |
| 88 | 17.4 | 0.0 | 31.8 |



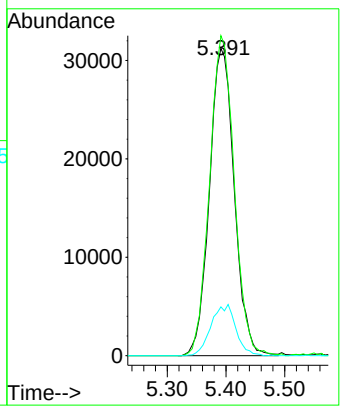


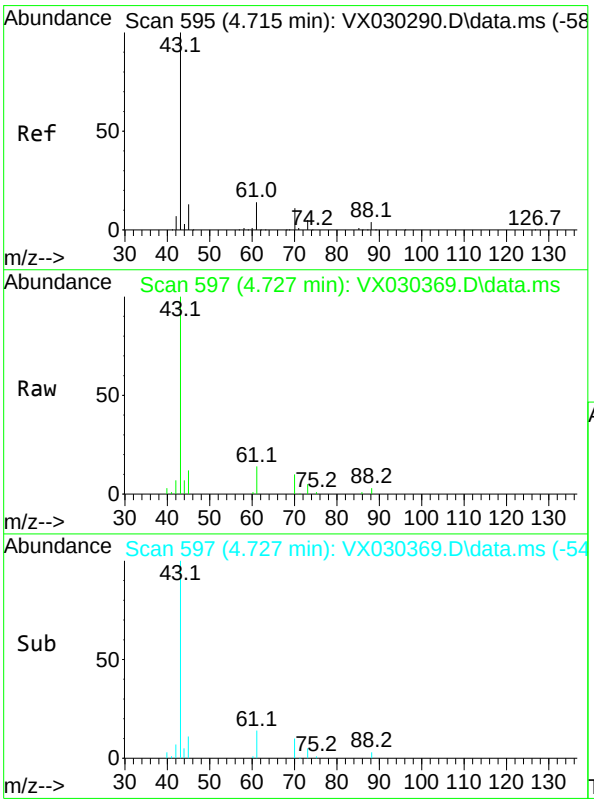

#35
Dibromofluoromethane
Concen: 49.974 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion:113 Resp: 91647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 83.2 | 124.8 |
| 192 | 16.6 | 14.8 | 22.2 |

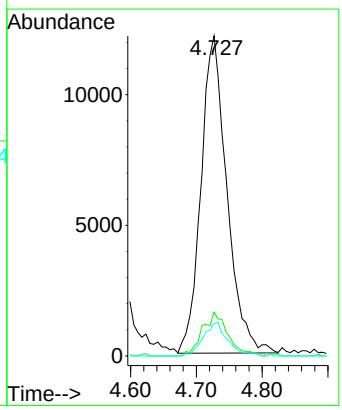


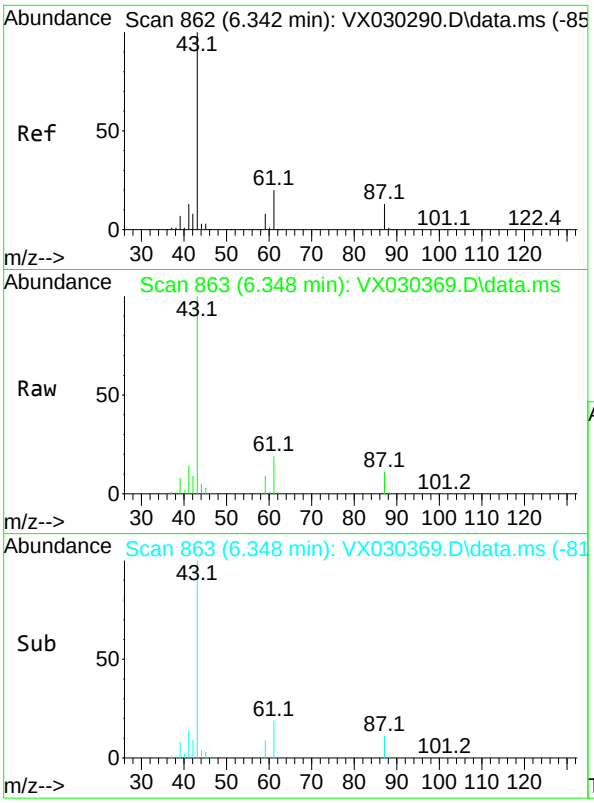




#37
Ethyl Acetate
Concen: 8.925 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion: 43 Resp: 33356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.5 | 11.7 | 17.5 |
| 70 | 9.9 | 9.3 | 13.9 |



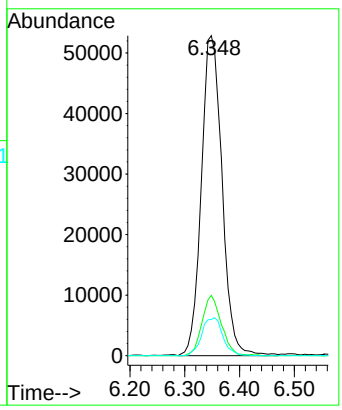


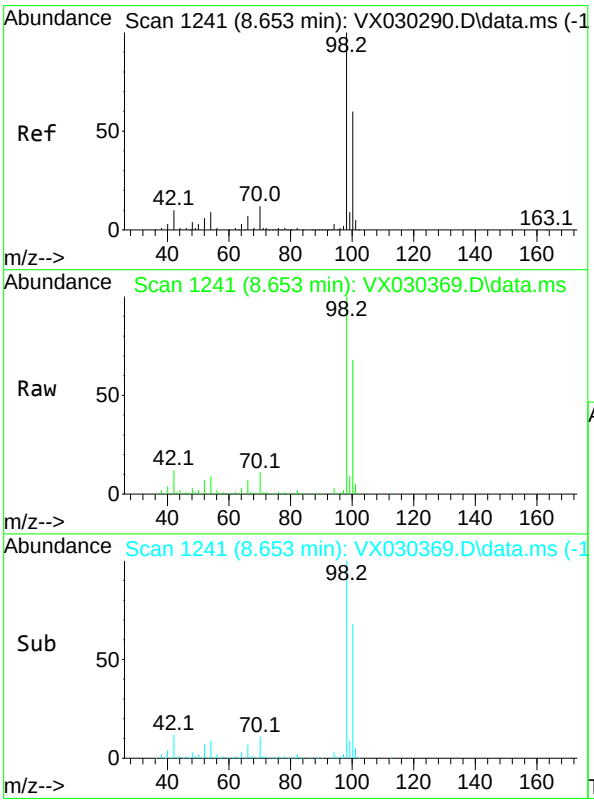

#43
Isopropyl Acetate
Concen: 25.320 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion: 43 Resp: 138720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.6 | 16.5 | 24.7 |
| 87 | 12.0 | 11.1 | 16.7 |

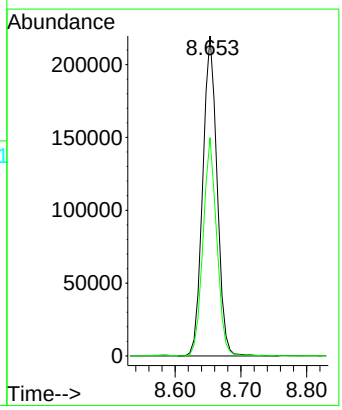


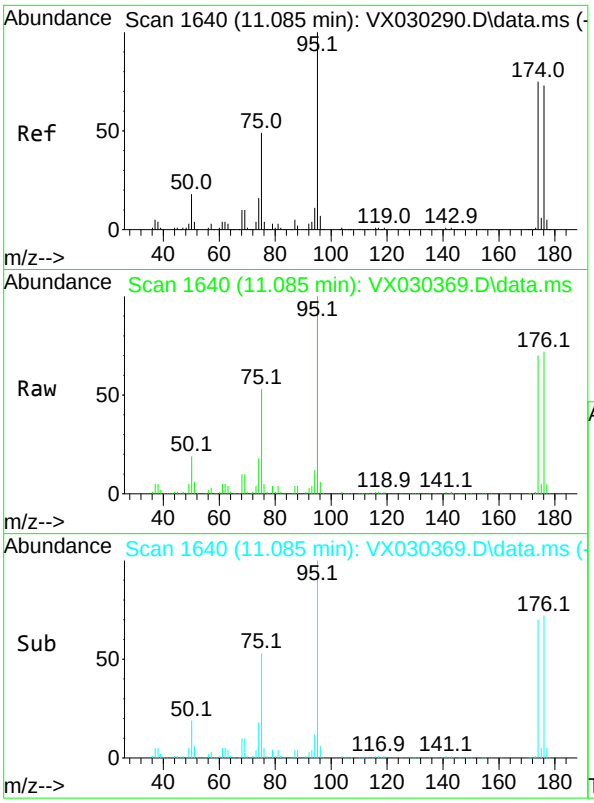




#50
Toluene-d8
Concen: 46.872 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion: 98 Resp: 332884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.3 | 78.5 |



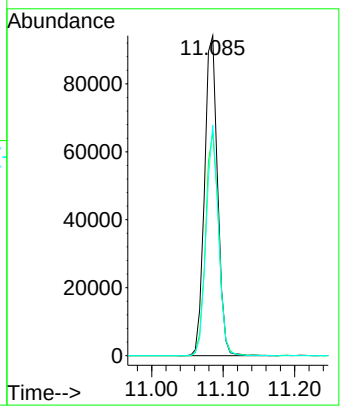


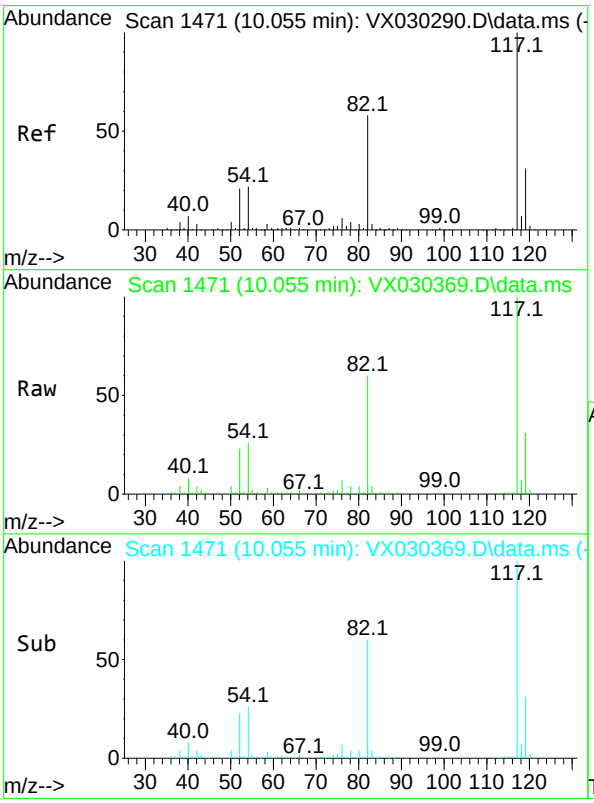

#62
4-Bromofluorobenzene
Concen: 45.334 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion: 95 Resp: 119487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 69.9 | 0.0 | 149.0 |
| 176 | 68.3 | 0.0 | 146.0 |

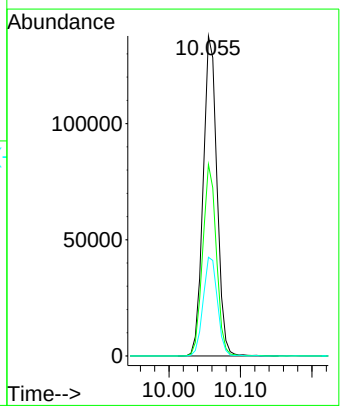


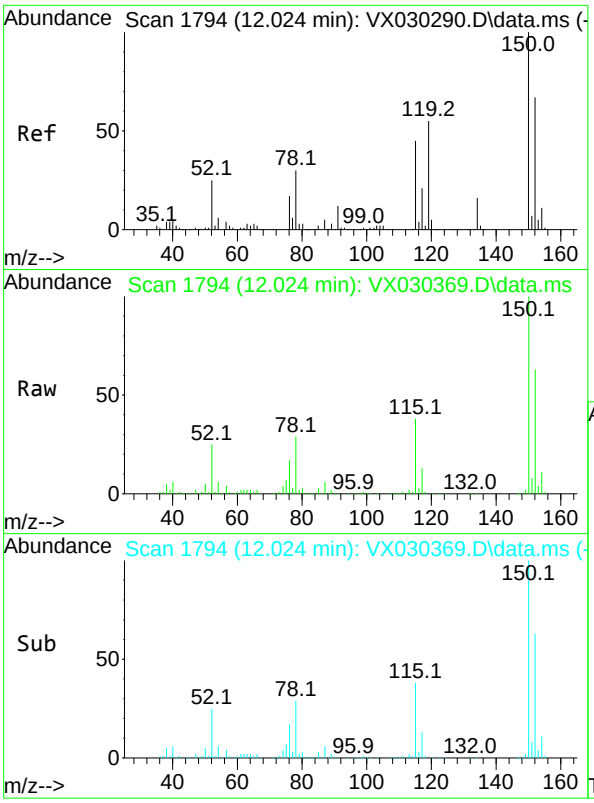




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

Tgt Ion:117 Resp: 184781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.8 | 42.7 | 64.1 |
| 119 | 30.9 | 25.4 | 38.2 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030369.D
Acq: 03 Aug 2022 14:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP1-0729

Tgt Ion:152 Resp: 108533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.9 | 40.5 | 121.5 |
| 150 | 162.0 | 0.0 | 347.0 |