Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
Data File : VX041231.D
Acq On : 24 Apr 2024 13:42
Operator : JC/MD
Sample : P2224-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Quant Time: Apr 24 14:07:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 160563 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 241178 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 260688 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 128399 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 88914 | 58.173 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 116.340% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 72428 | 49.370 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.740% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 324829 | 65.626 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 131.260%# | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 116826 | 63.947 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 127.900%# | | | |
| Target Compounds | | | | | | Qvalue |
| 10) Methyl Iodide | 2.434 | 142 | 2526 | 1.671 | ug/l | 98 |
| 17) Carbon Disulfide | 2.489 | 76 | 4876 | 1.995 | ug/l | 98 |
| 25) 2-Butanone | 4.580 | 43 | 74351 | 78.254 | ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 8.586 | 43 | 2224 | 1.071 | ug/l | 94 |
| 52) Toluene | 8.720 | 92 | 3928 | 1.075 | ug/l | 100 |
| 68) m/p-Xylenes | 10.305 | 106 | 1895 | 0.548 | ug/l | 100 |
| 69) o-Xylene | 10.640 | 106 | 8462 | 2.517 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.457 | 105 | 2495 | 0.375 | ug/l | 93 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 5548 | 0.841 | ug/l | 95 |
| 95) Naphthalene | 13.780 | 128 | 8455 | 1.015 | ug/l | 98 |

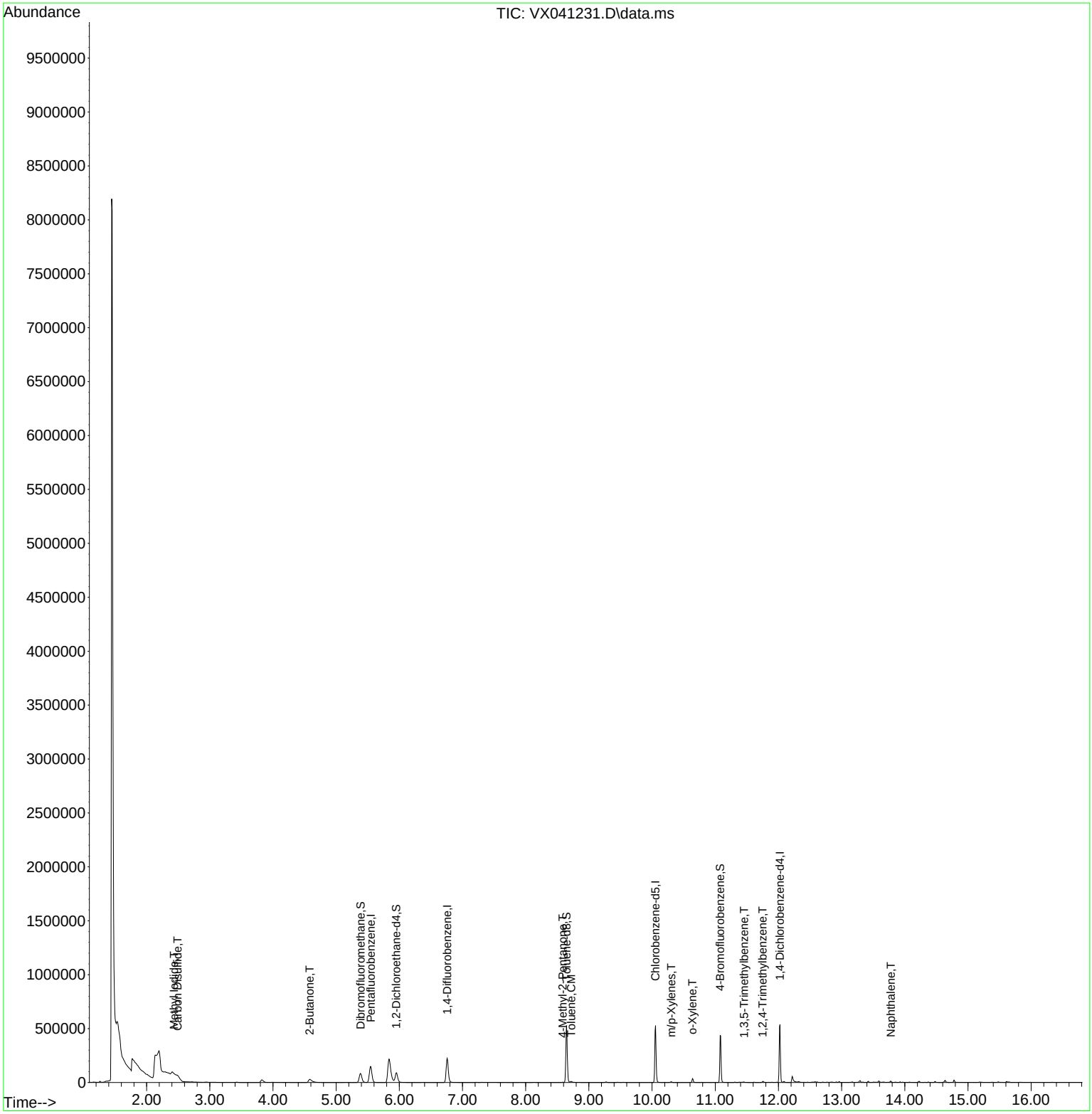
(#) = qualifier out of range (m) = manual integration (+) = signals summed

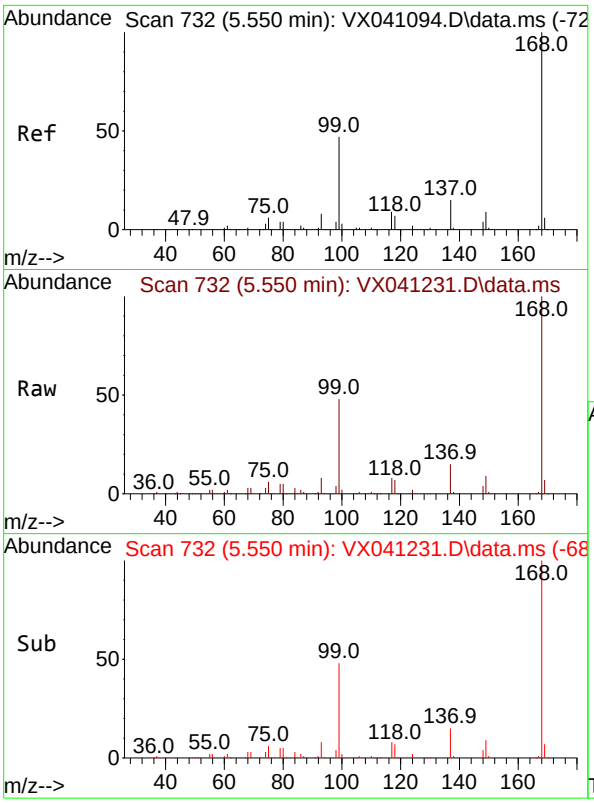
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
Data File : VX041231.D
Acq On : 24 Apr 2024 13:42
Operator : JC/MD
Sample : P2224-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Quant Time: Apr 24 14:07:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



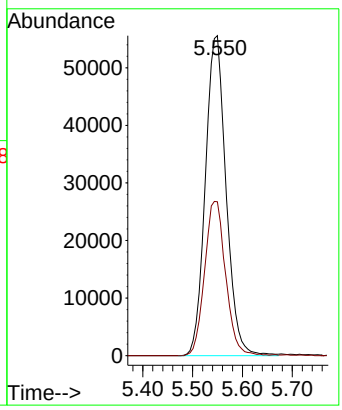


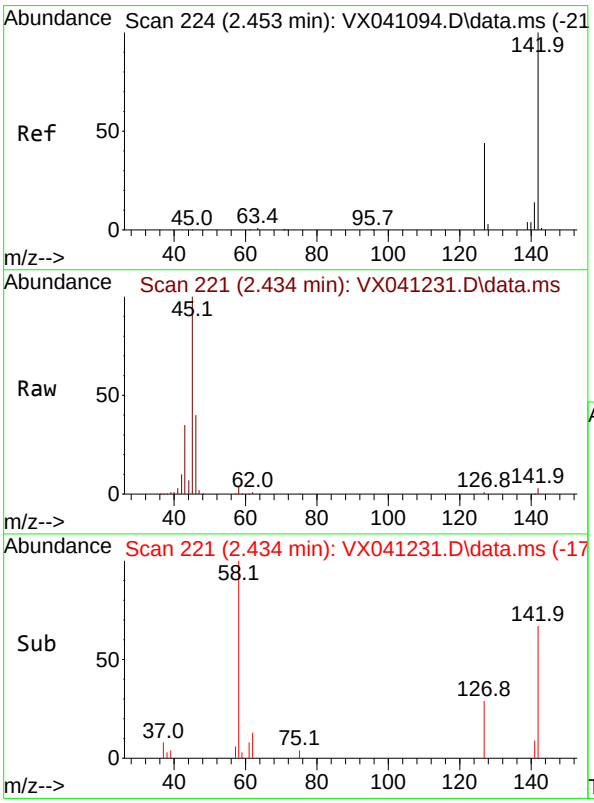

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion:168 Resp: 160563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.1 | 56.6 | 85.0# |

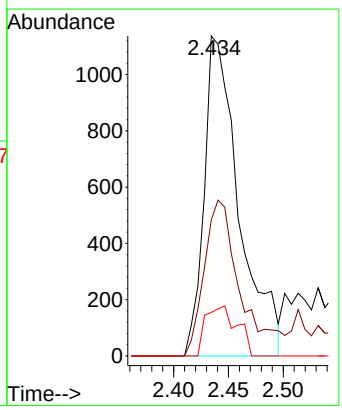


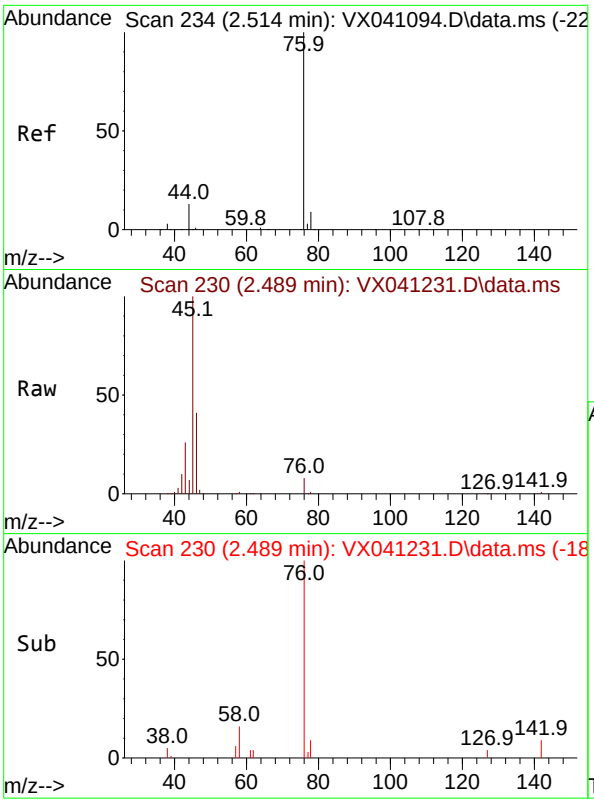




#10
Methyl Iodide
Concen: 1.671 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.006 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:142 Resp: 2526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.3 | 41.6 | 62.4 |
| 141 | 14.0 | 11.6 | 17.4 |



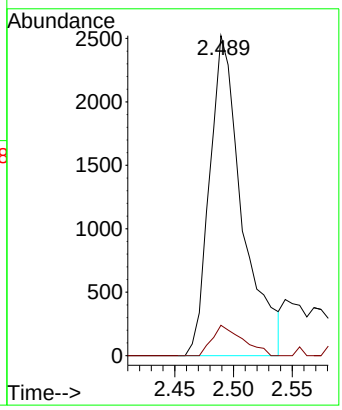


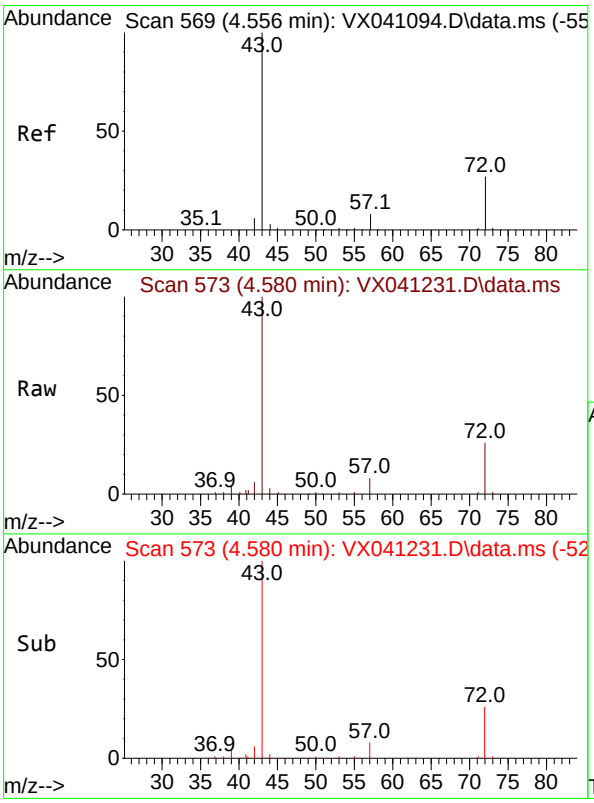

#17
Carbon Disulfide
Concen: 1.995 ug/l
RT: 2.489 min Scan# 2
Delta R.T. -0.012 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion: 76 Resp: 4876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.0 | 10.6 |

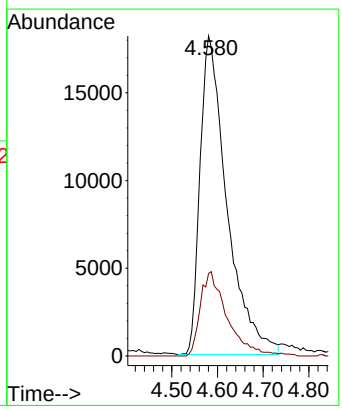


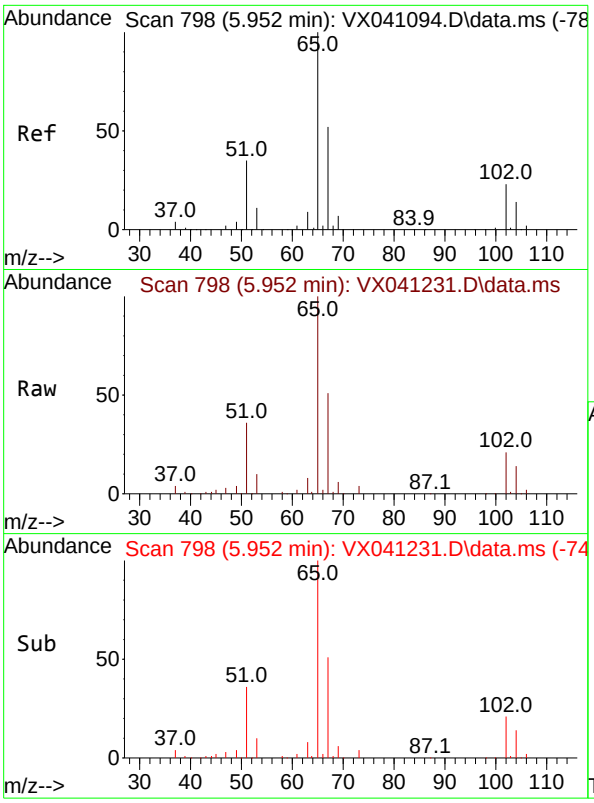




#25
2-Butanone
Concen: 78.254 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion: 43 Resp: 74351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.9 | 19.4 | 29.2 |



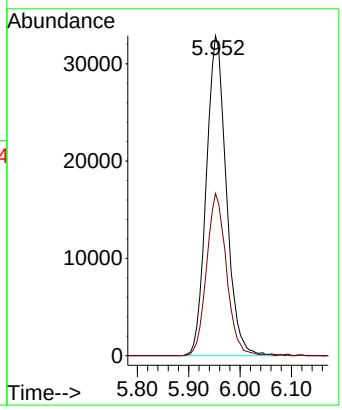


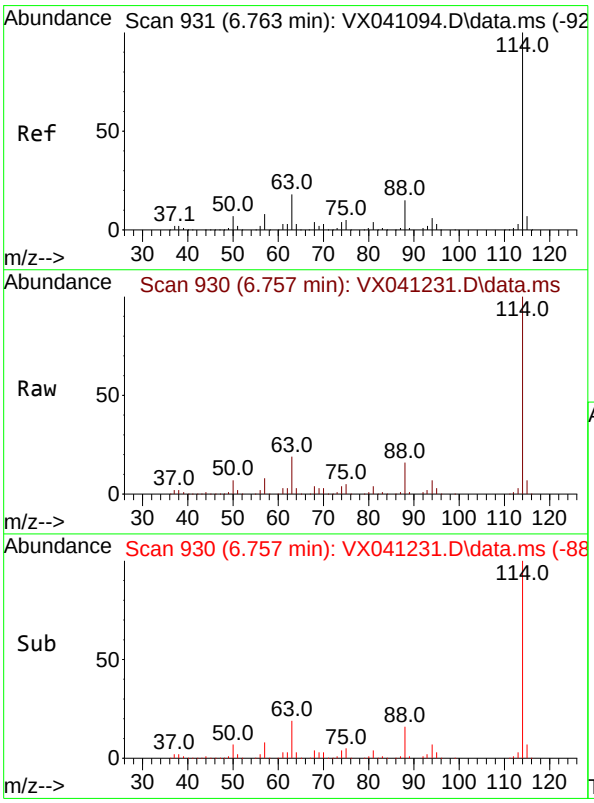

#33
1,2-Dichloroethane-d4
Concen: 58.173 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion: 65 Resp: 88914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.5 | 0.0 | 100.2 |

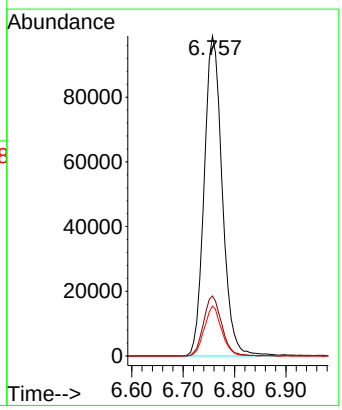


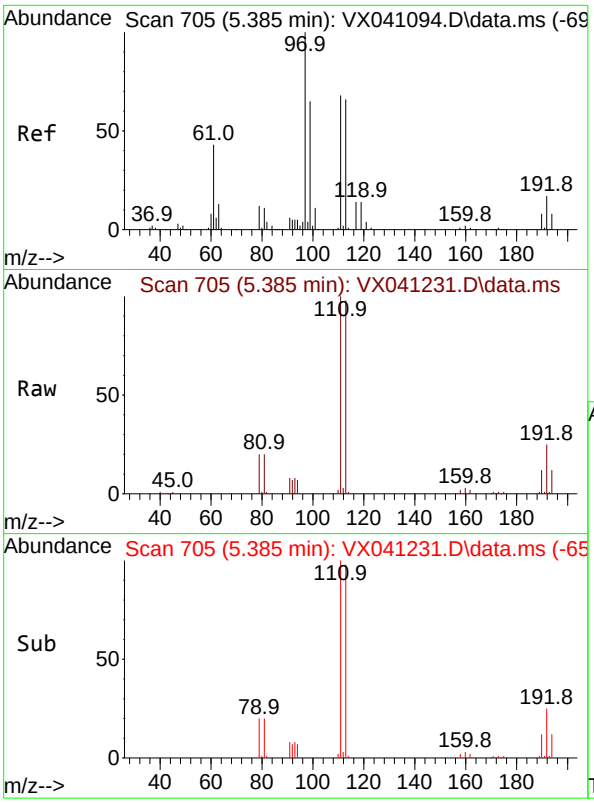




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:114 Resp: 241178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 45.0 |
| 88 | 15.6 | 0.0 | 36.6 |



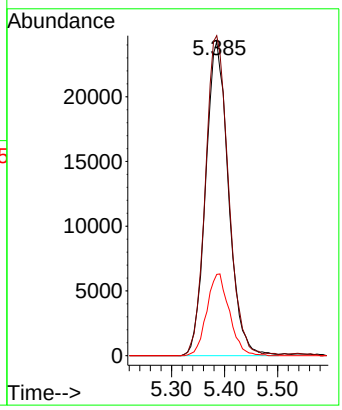


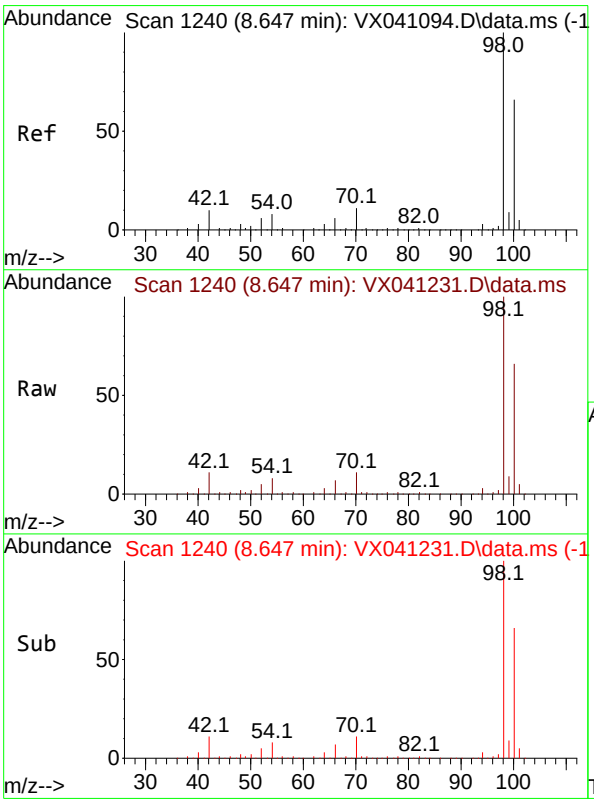

#35
Dibromofluoromethane
Concen: 49.370 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion:113 Resp: 72428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 82.9 | 124.3 |
| 192 | 25.7 | 13.3 | 19.9# |

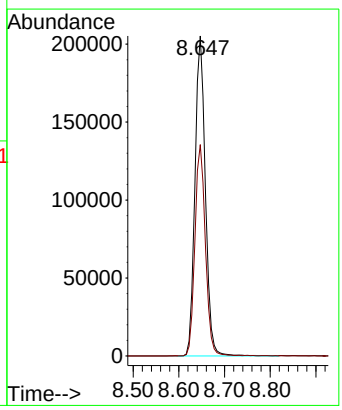


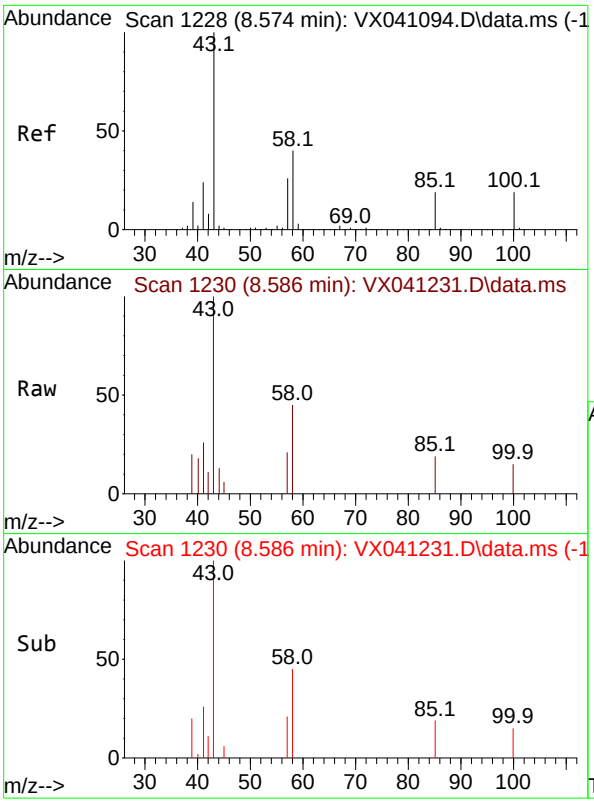




#50
Toluene-d8
Concen: 65.626 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion: 98 Resp: 324829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 53.1 | 79.7 |



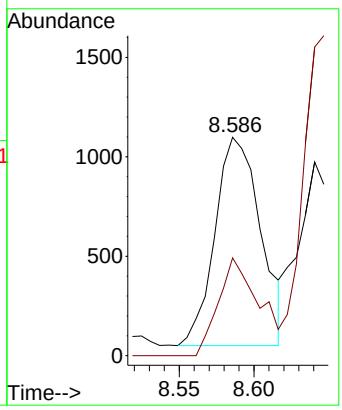


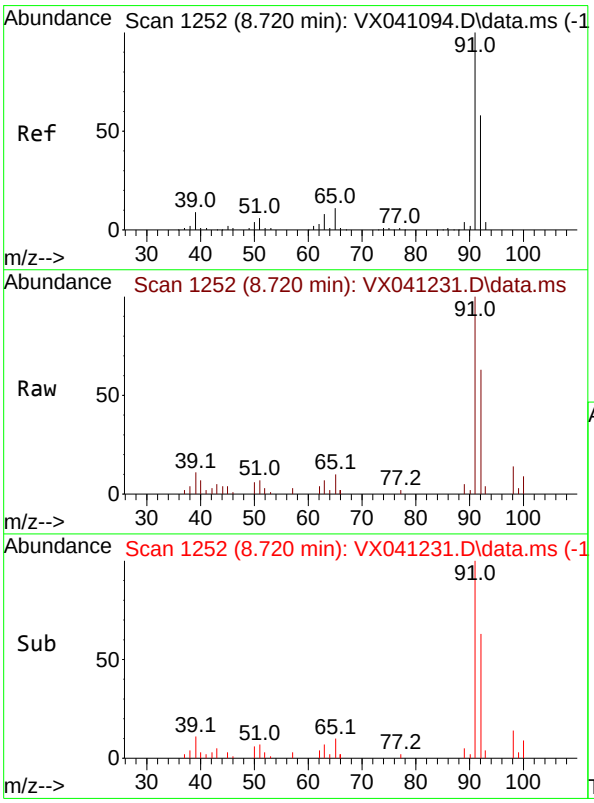

#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 8.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion: 43 Resp: 2224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.5 | 30.4 | 45.6 |

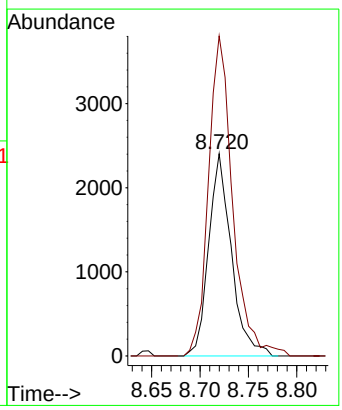


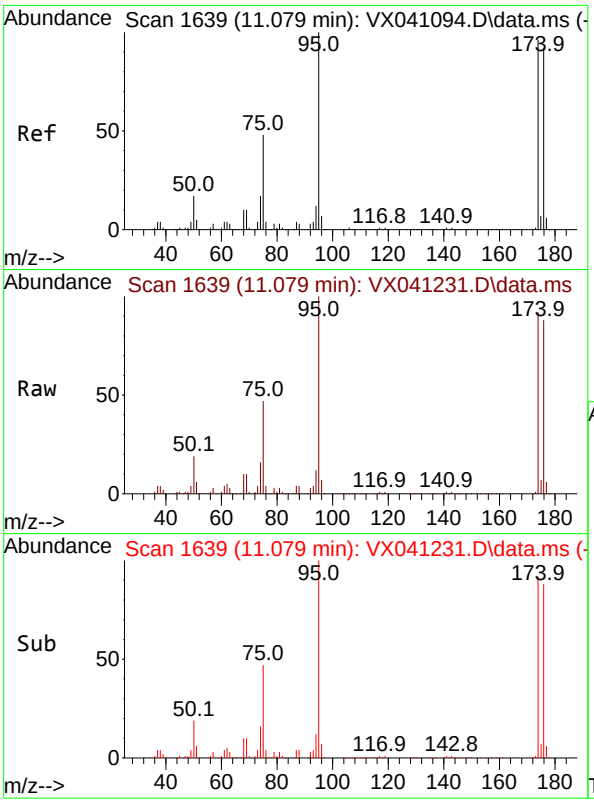




#52
Toluene
Concen: 1.075 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion: 92 Resp: 3928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.3 | 134.2 | 201.2 |



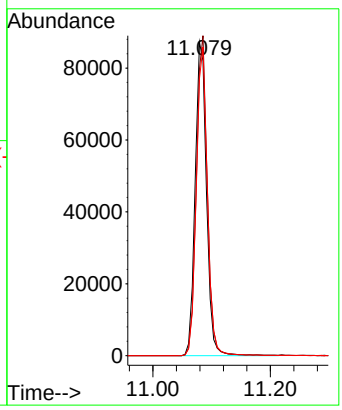


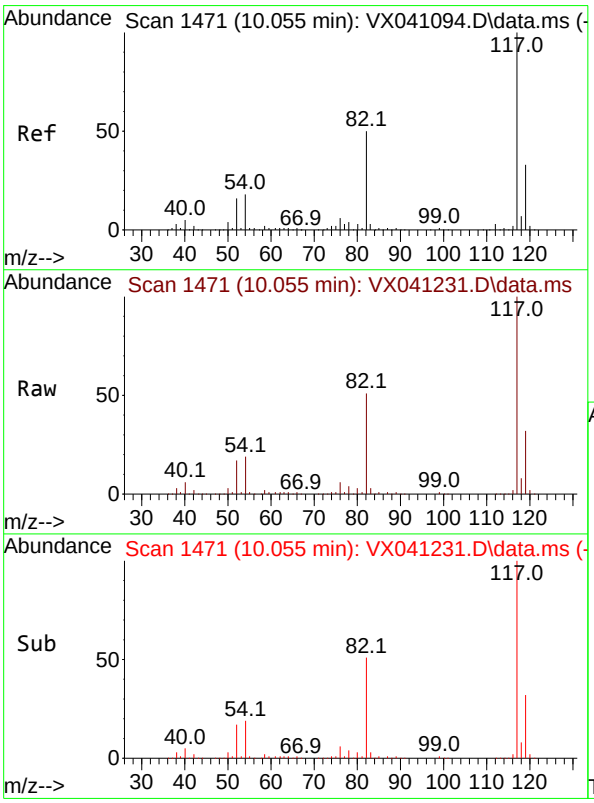

#62
4-Bromofluorobenzene
Concen: 63.947 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion: 95 Resp: 116826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 98.9 | 0.0 | 135.6 |
| 176 | 96.6 | 0.0 | 131.0 |

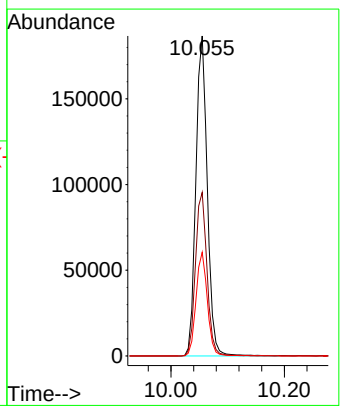


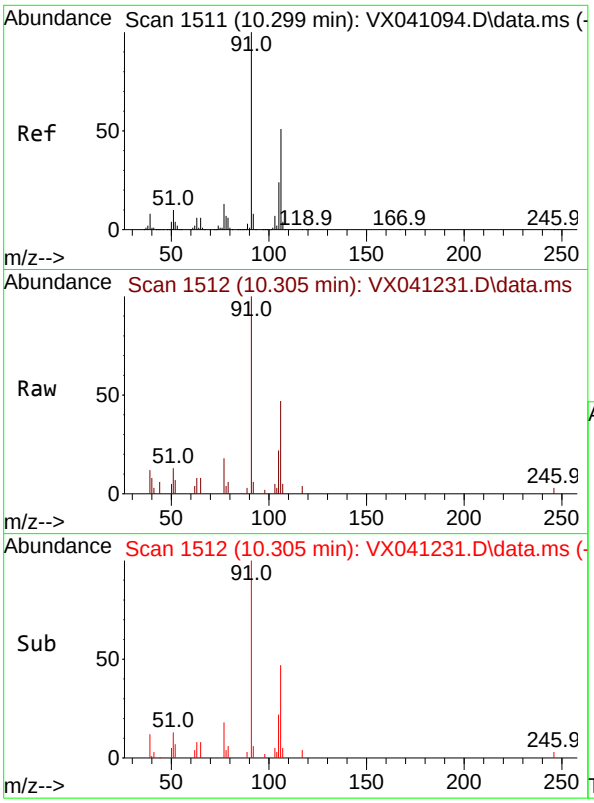




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:117 Resp: 260688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.1 | 46.2 | 69.4 |
| 119 | 32.4 | 25.5 | 38.3 |



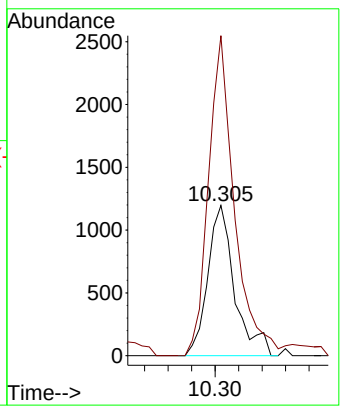


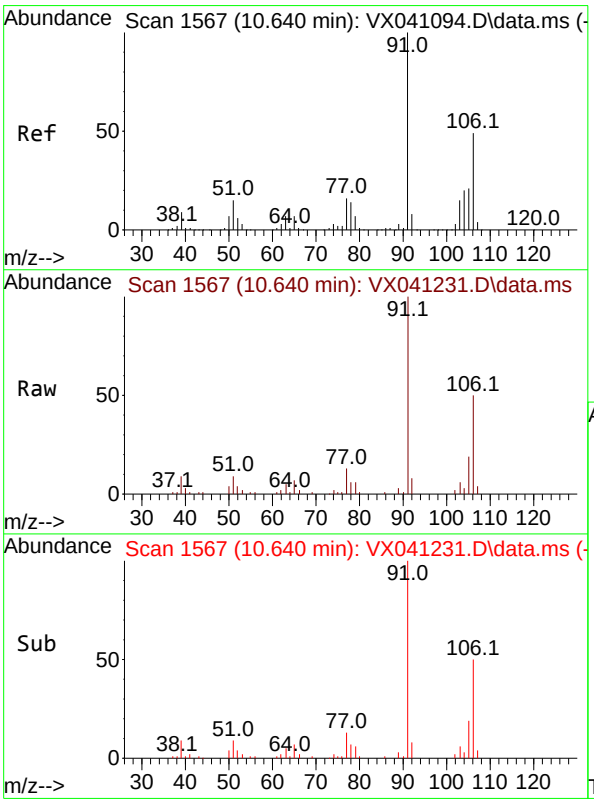

#68
m/p-Xylenes
Concen: 0.548 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion:106 Resp: 1895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.3 | 165.5 | 248.3 |

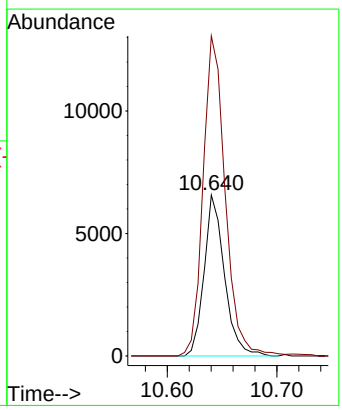


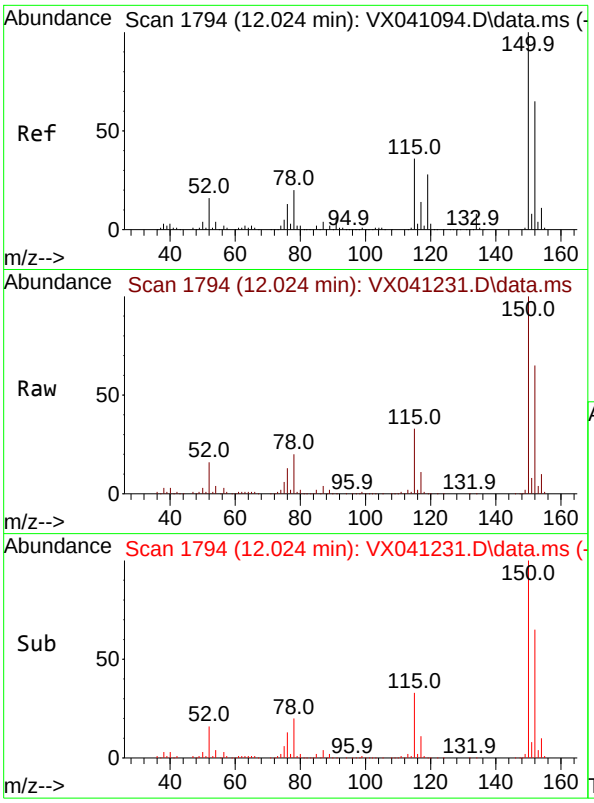




#69
o-Xylene
Concen: 2.517 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:106 Resp: 8462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 217.0 | 108.9 | 326.8 |



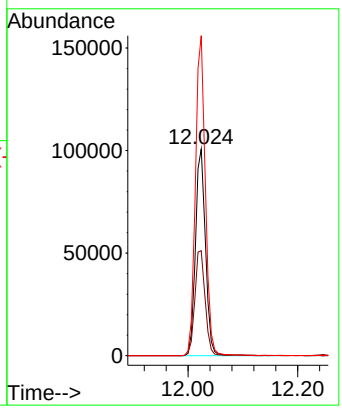


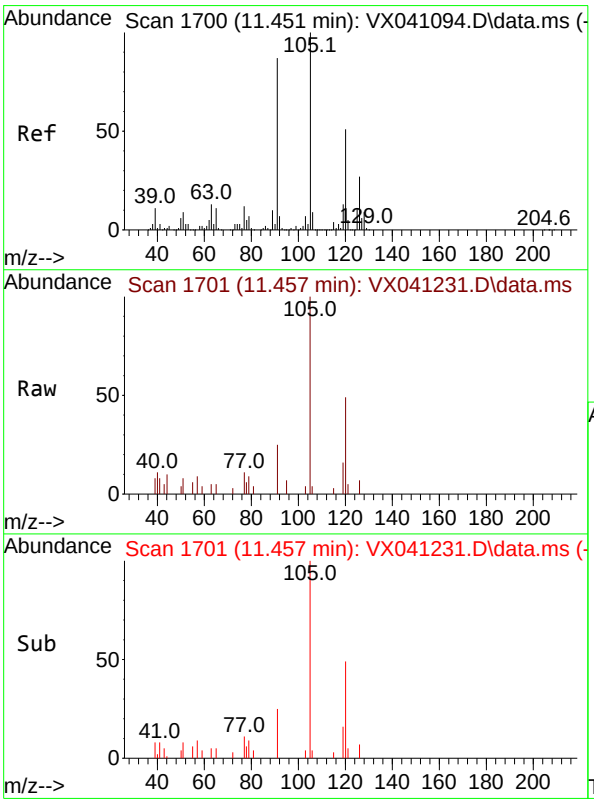

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion:152 Resp: 128399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 52.3 | 43.3 | 129.9 |
| 150 | 153.9 | 0.0 | 345.0 |

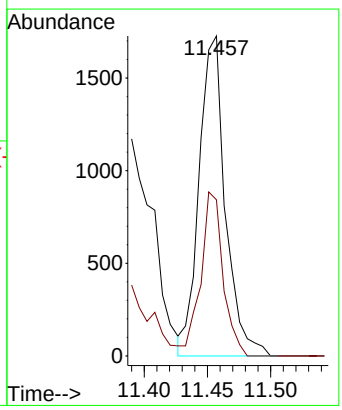


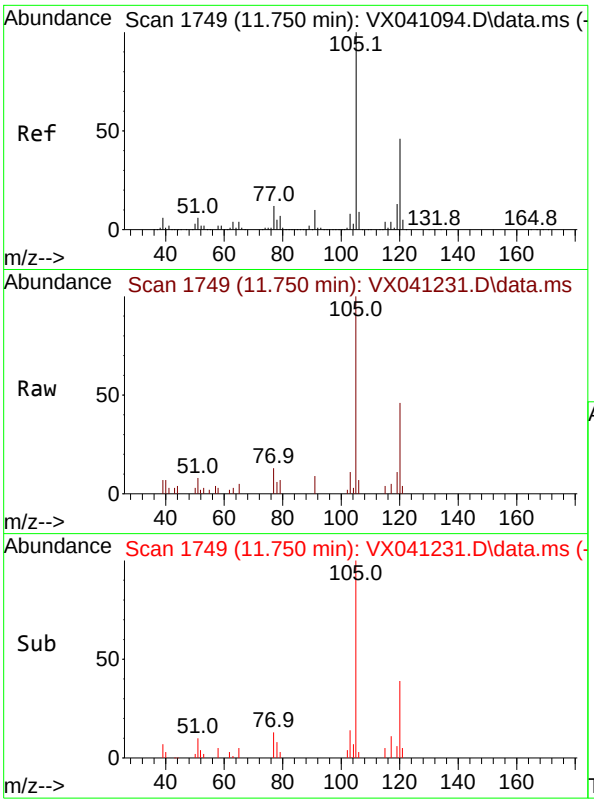




#80
1,3,5-Trimethylbenzene
Concen: 0.375 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:105 Resp: 2495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 24.1 | 72.3 |



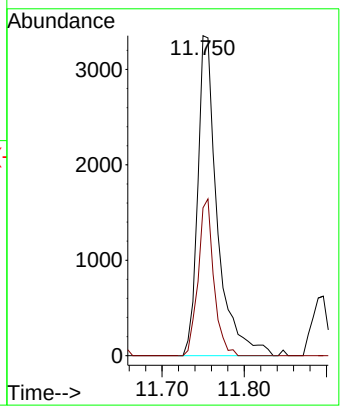


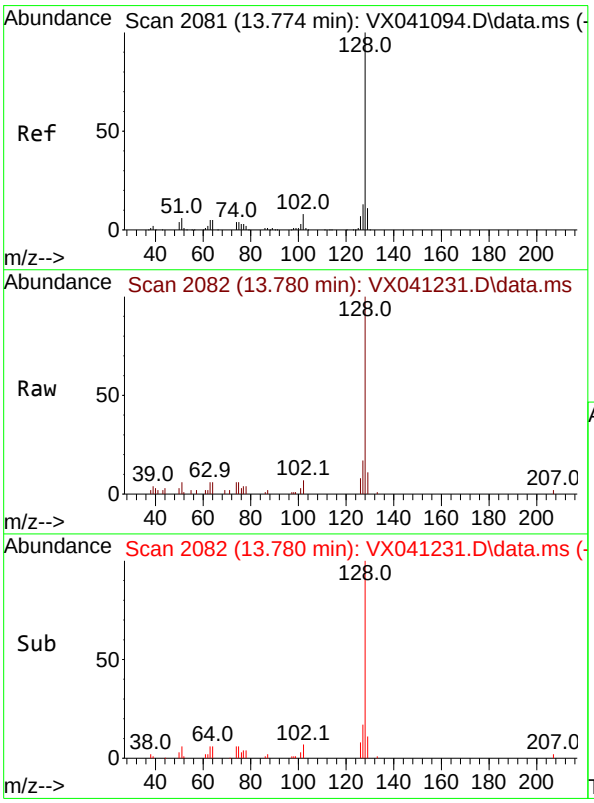

#84
1,2,4-Trimethylbenzene
Concen: 0.841 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
CLEANOUT-TOTE

Tgt Ion:105 Resp: 5548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 39.1 | 21.2 | 63.6 |




#95
Naphthalene
Concen: 1.015 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041231.D
Acq: 24 Apr 2024 13:42

Tgt Ion:128 Resp: 8455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.3 | 10.3 | 15.5 |
| 129 | 11.1 | 8.8 | 13.2 |