Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045990.D
Acq On : 30 Apr 2025 12:09
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 01 03:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 60916 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 122964 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 114457 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 48337 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 61915 | 55.579 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 111.160% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 45697 | 52.379 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.760% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 153654 | 50.459 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 100.920% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 58291 | 52.553 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 105.100% | | | |
| Target Compounds | | | | | | Qvalue |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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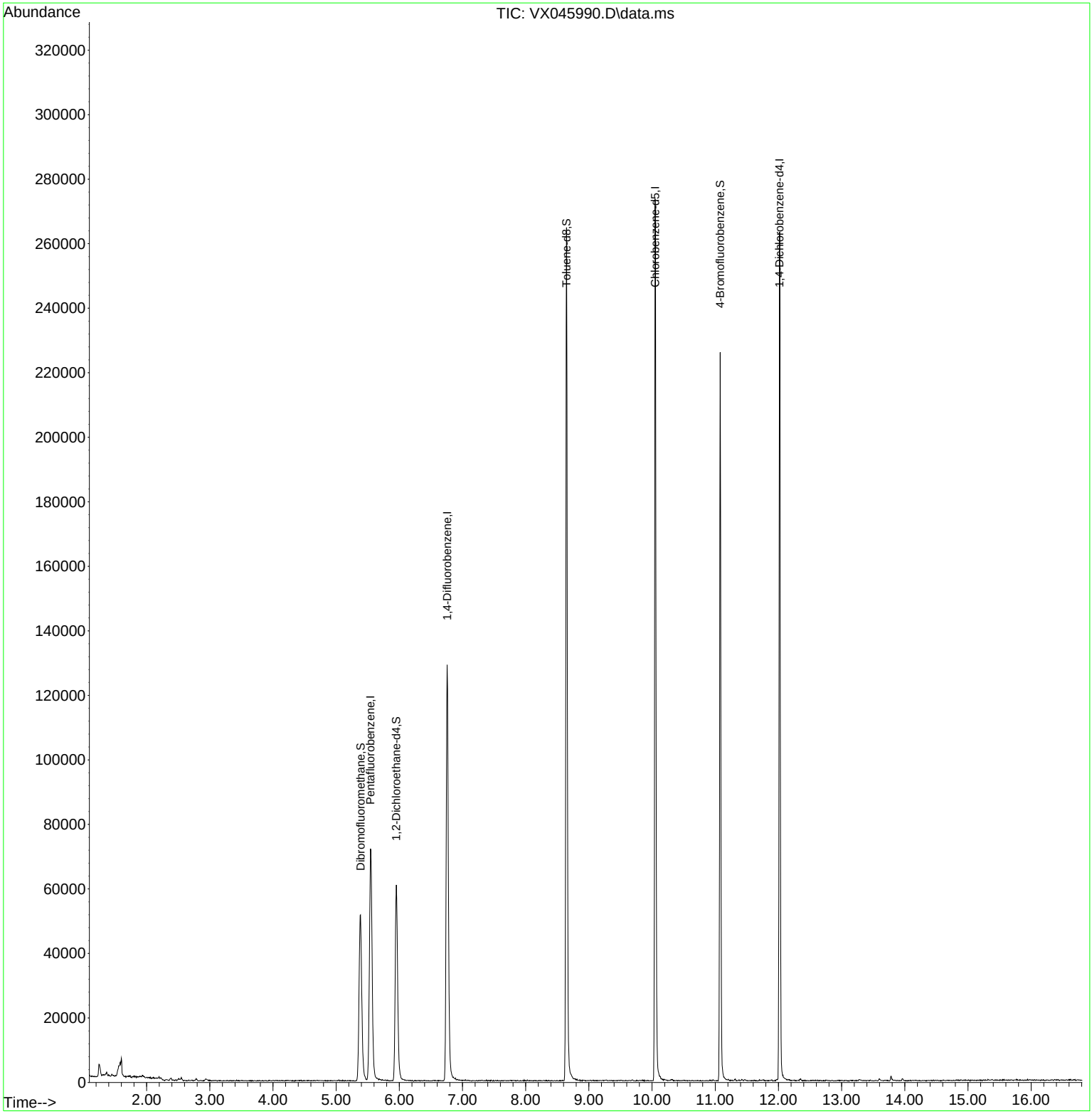
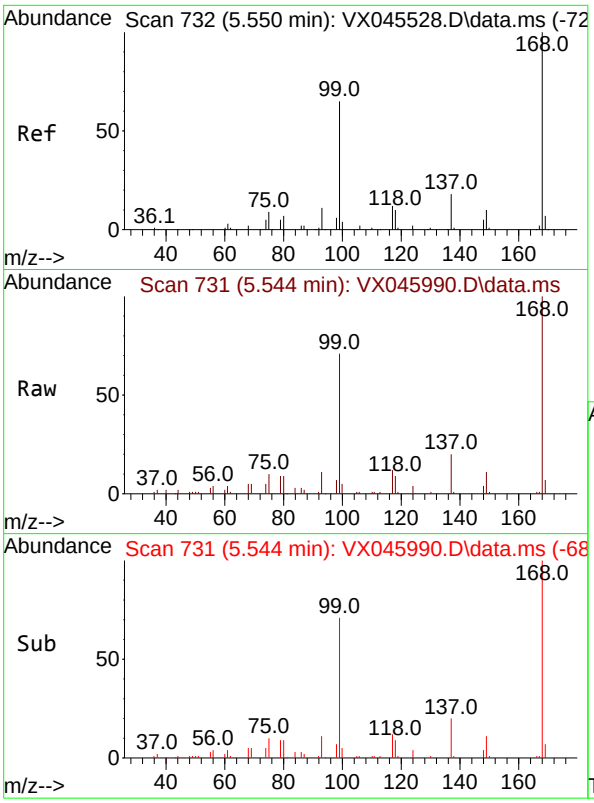


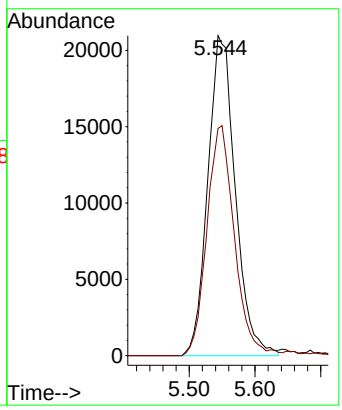


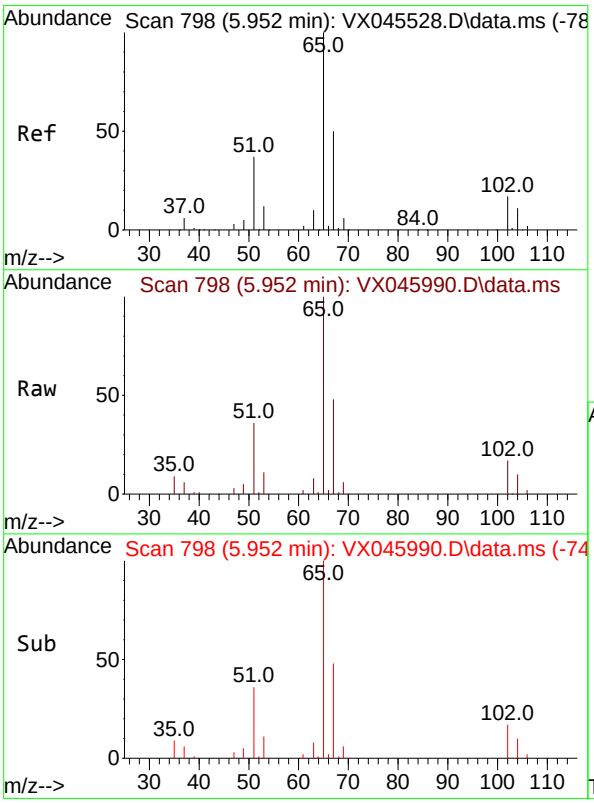

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

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

Tgt Ion:168 Resp: 60916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 71.0 | 52.3 | 78.5 |

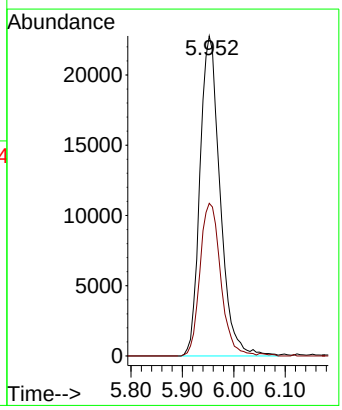


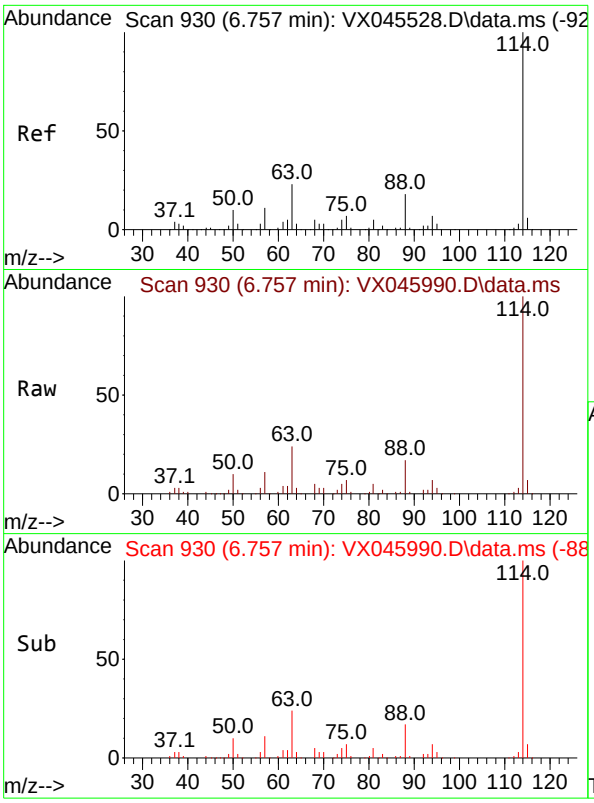




#33
1,2-Dichloroethane-d4
Concen: 55.579 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

Tgt Ion: 65 Resp: 61915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.1 | 0.0 | 99.0 |



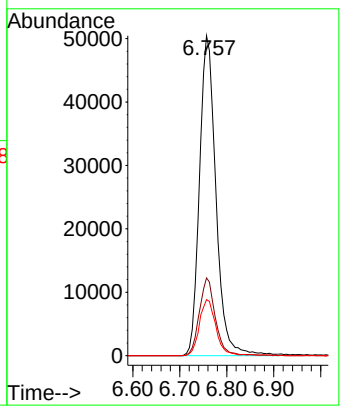


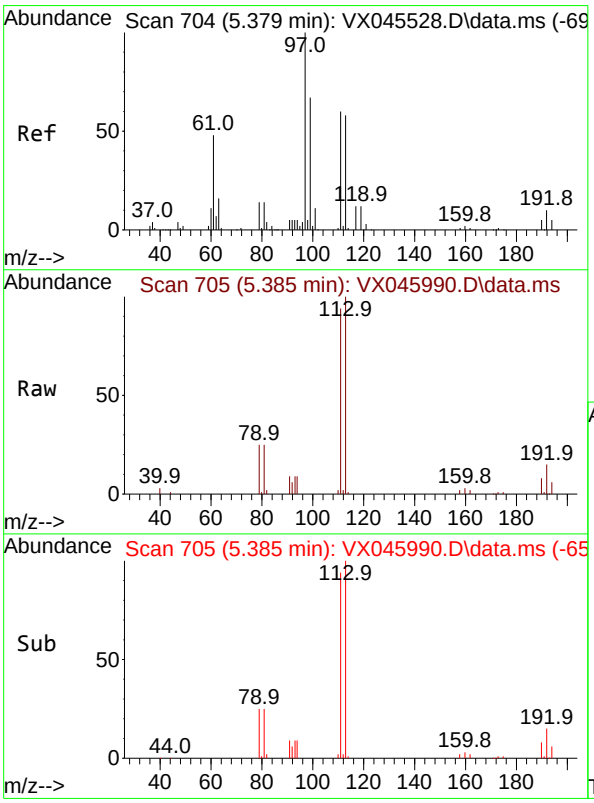

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

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

Tgt Ion:114 Resp: 122964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.3 | 0.0 | 46.8 |
| 88 | 17.5 | 0.0 | 35.4 |

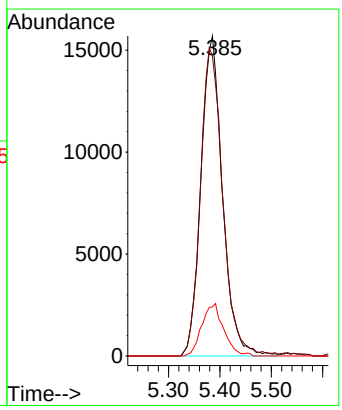


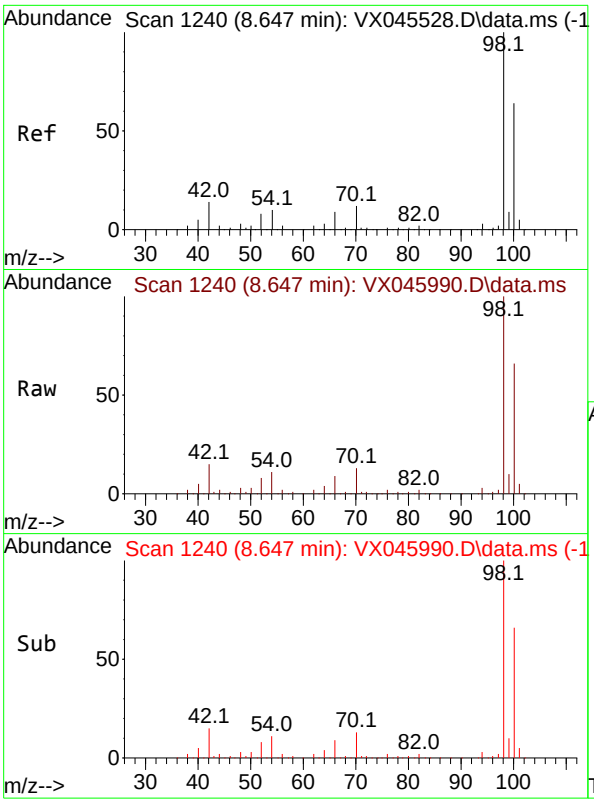




#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

Tgt Ion:113 Resp: 45697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.7 | 81.8 | 122.6 |
| 192 | 16.6 | 13.8 | 20.6 |



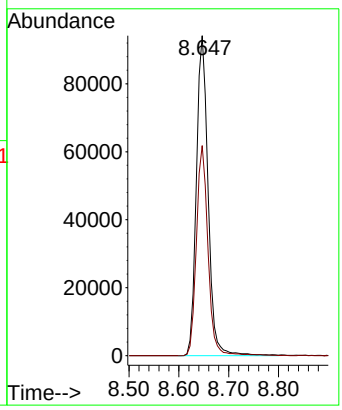


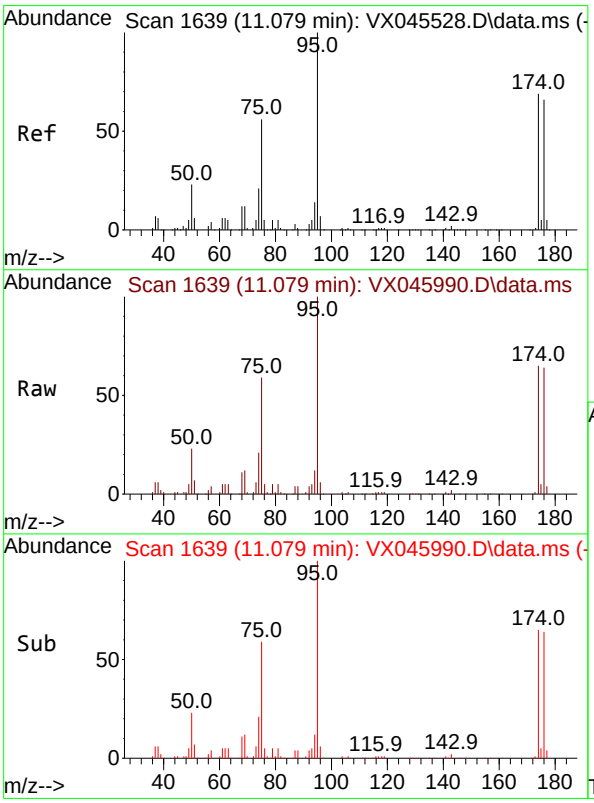

#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

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

Tgt Ion: 98 Resp: 153654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.2 | 78.4 |

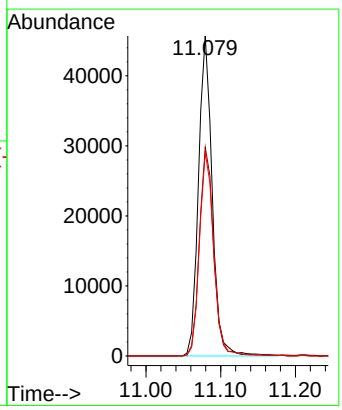


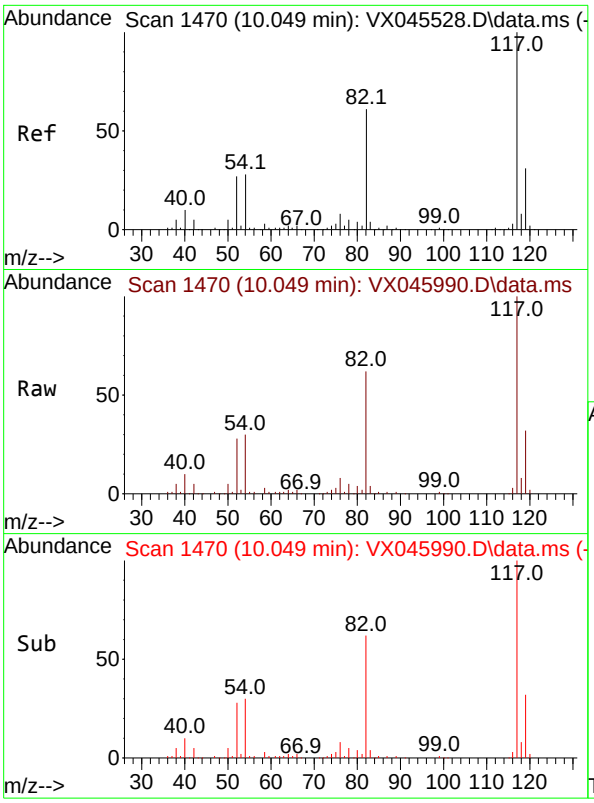




#62
4-Bromofluorobenzene
Concen: 52.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

Tgt Ion: 95 Resp: 58291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 67.5 | 0.0 | 135.8 |
| 176 | 65.5 | 0.0 | 131.4 |



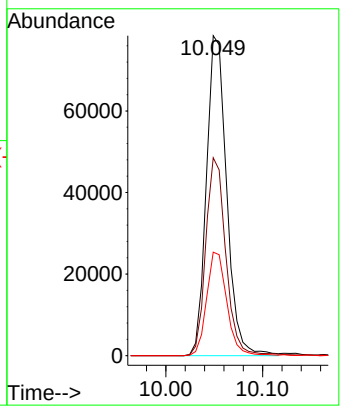


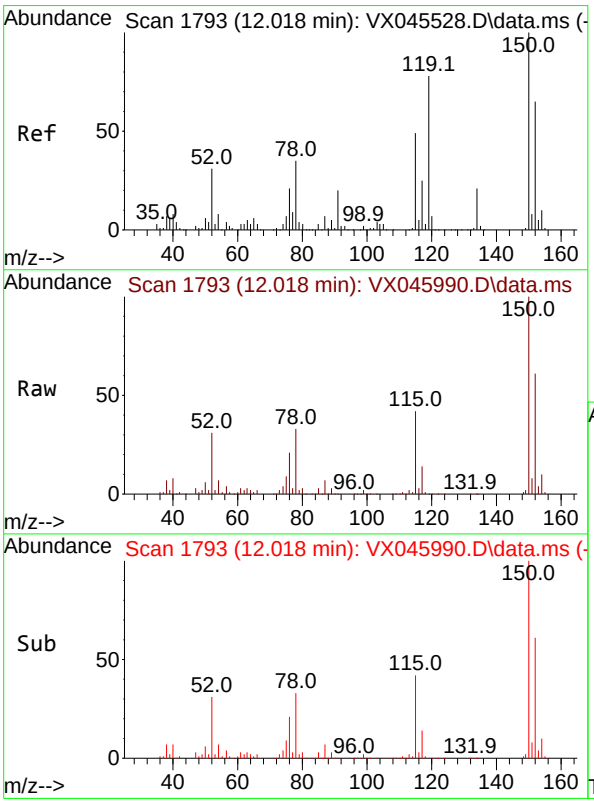

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

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

Tgt Ion:117 Resp: 114457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.8 | 49.2 | 73.8 |
| 119 | 32.4 | 25.1 | 37.7 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045990.D
Acq: 30 Apr 2025 12:09

Tgt Ion:152 Resp: 48337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 66.1 | 46.9 | 140.7 |
| 150 | 157.3 | 0.0 | 349.4 |