Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045549.D
Acq On : 02 Apr 2025 16:04
Operator : JC/MD
Sample : Q1697-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Quant Time: Apr 03 01:54:13 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

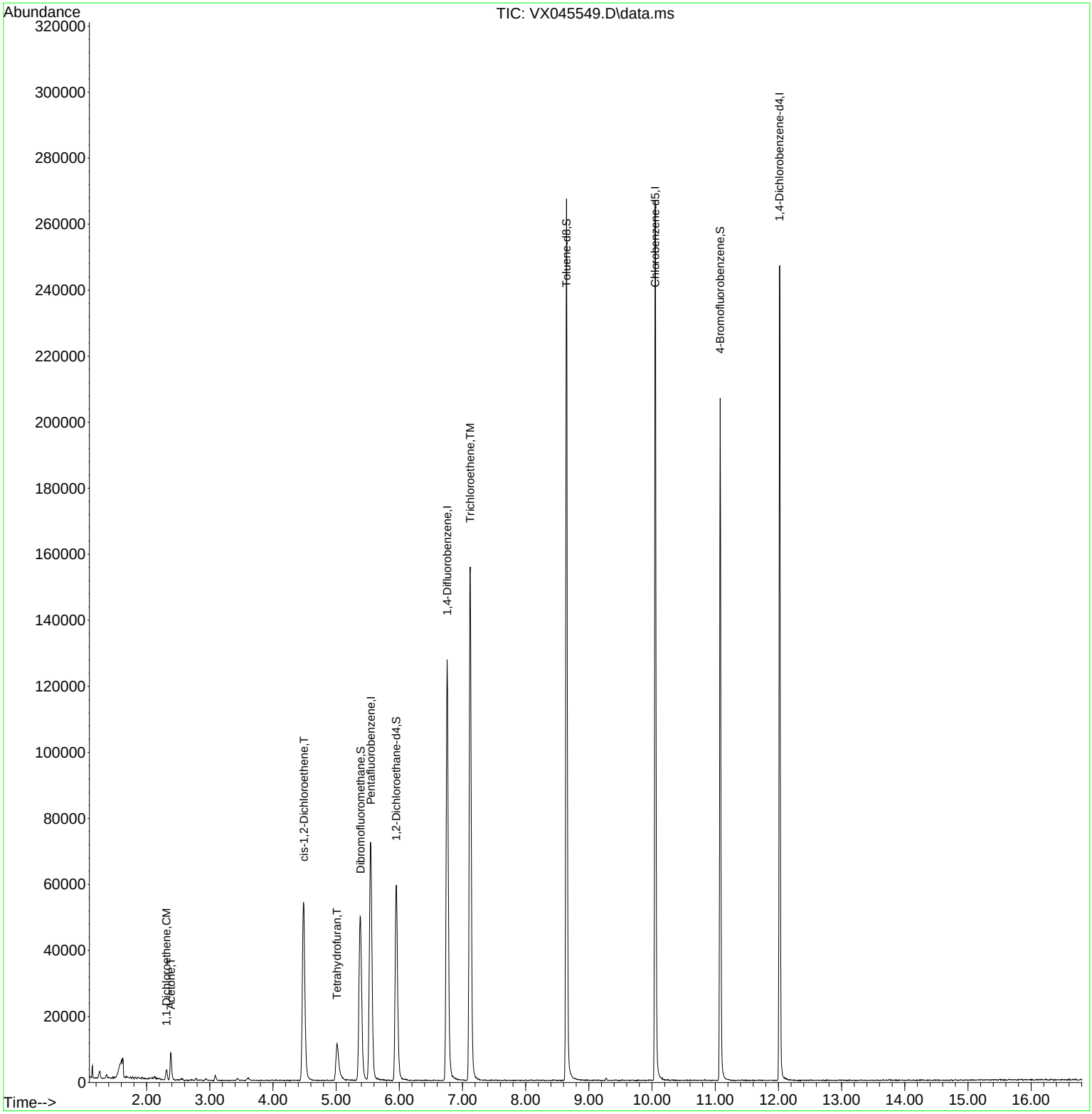
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 61634 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 121248 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 109435 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 45454 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 59791 | 53.047 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 106.100% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 44244 | 51.431 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 102.860% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 148953 | 49.608 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 99.220% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 52356 | 47.870 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 95.740% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.312 | 96 | 629 | 0.850 | ug/l | 94 |
| 16) Acetone | 2.386 | 43 | 9285 | 20.061 | ug/l | 94 |
| 27) cis-1,2-Dichloroethene | 4.489 | 96 | 33302 | 36.160 | ug/l | 89 |
| 29) Tetrahydrofuran | 5.013 | 42 | 11104 | 25.280 | ug/l | 96 |
| 44) Trichloroethene | 7.123 | 130 | 56383 | 66.871 | ug/l | 93 |

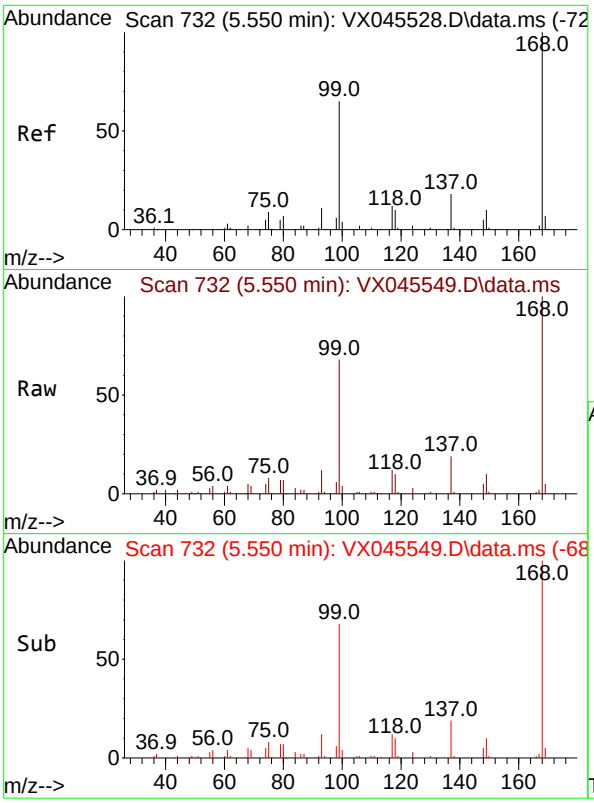
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045549.D
Acq On : 02 Apr 2025 16:04
Operator : JC/MD
Sample : Q1697-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Quant Time: Apr 03 01:54:13 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



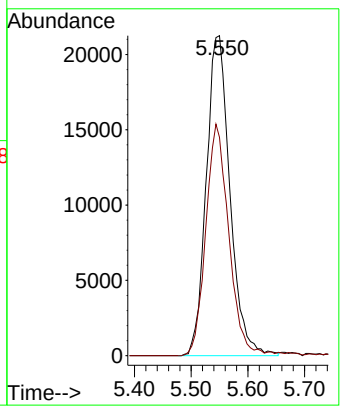


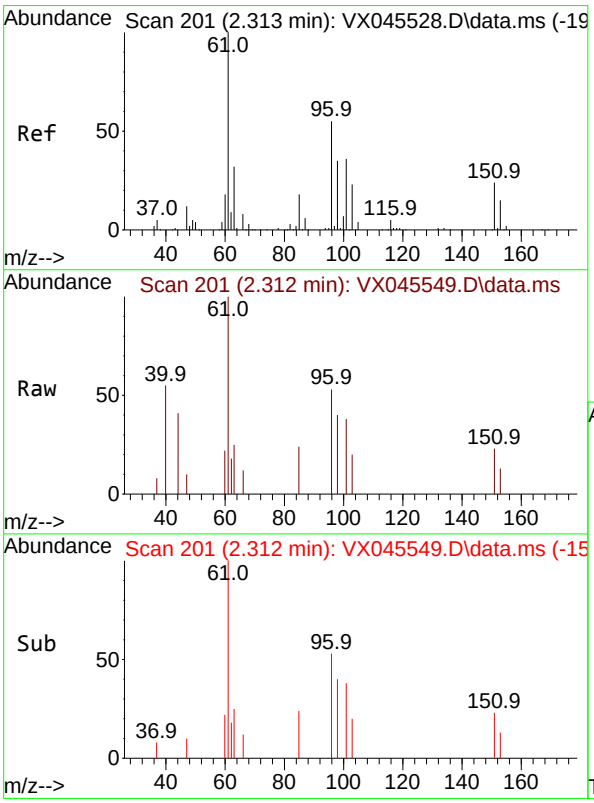

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion:168 Resp: 61634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.2 | 52.3 | 78.5 |

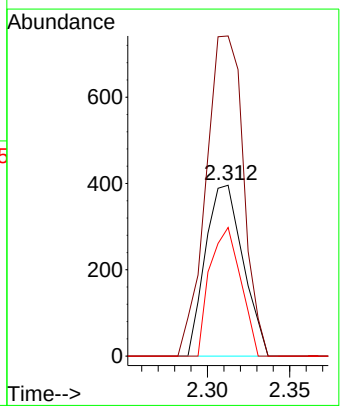


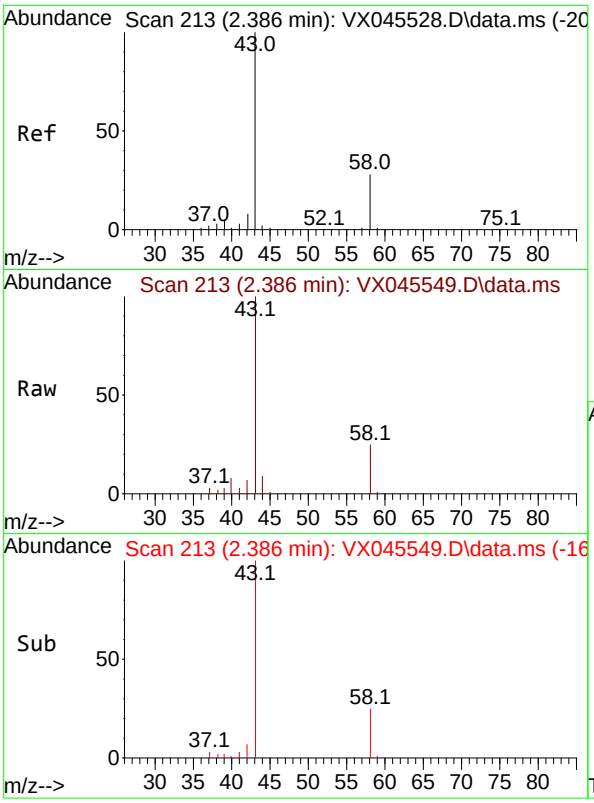




#12
1,1-Dichloroethene
Concen: 0.850 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion: 96 Resp: 629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 187.4 | 145.7 | 218.5 |
| 98 | 75.3 | 51.6 | 77.4 |



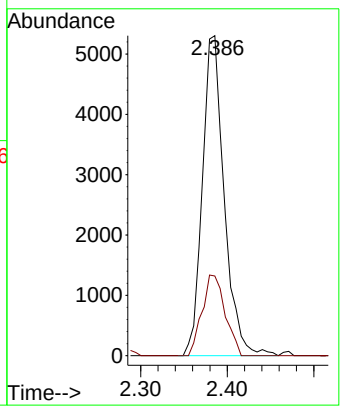


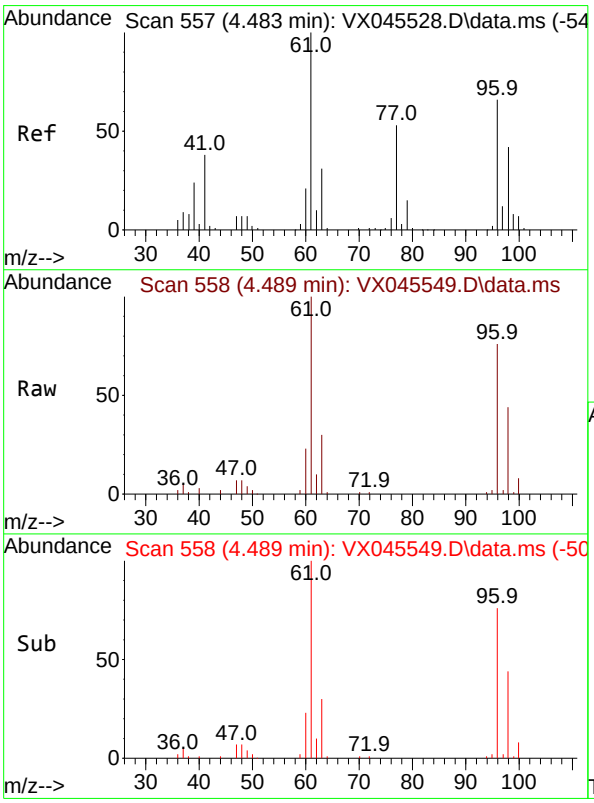

#16
Acetone
Concen: 20.061 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion: 43 Resp: 9285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.9 | 22.3 | 33.5 |

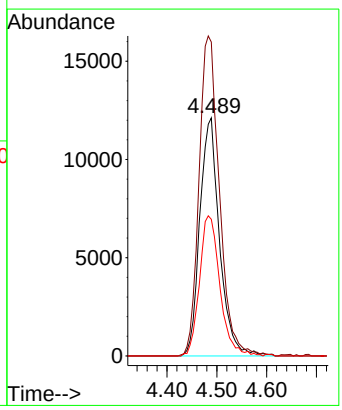


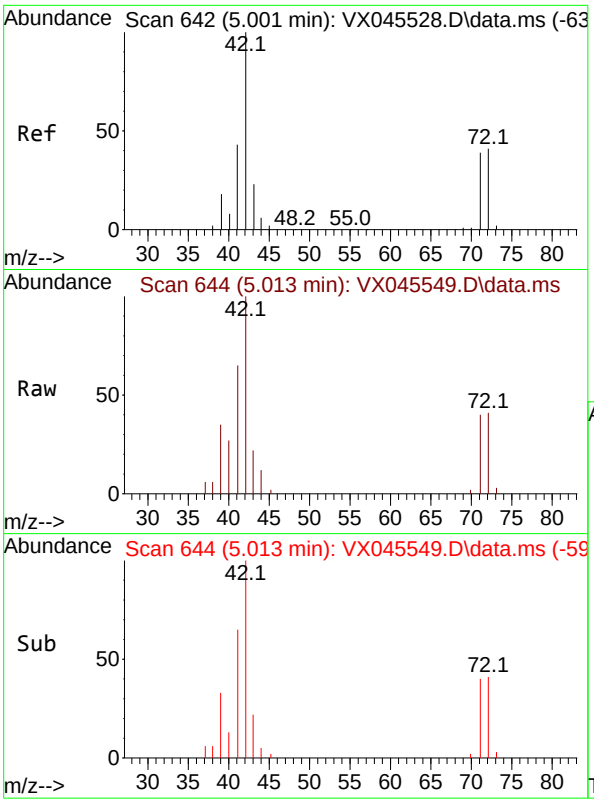




#27
cis-1,2-Dichloroethene
Concen: 36.160 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion: 96 Resp: 33302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.8 | 0.0 | 313.2 |
| 98 | 60.8 | 0.0 | 126.4 |



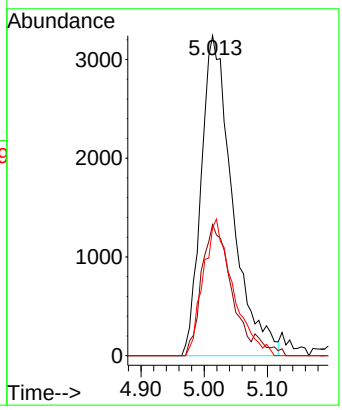


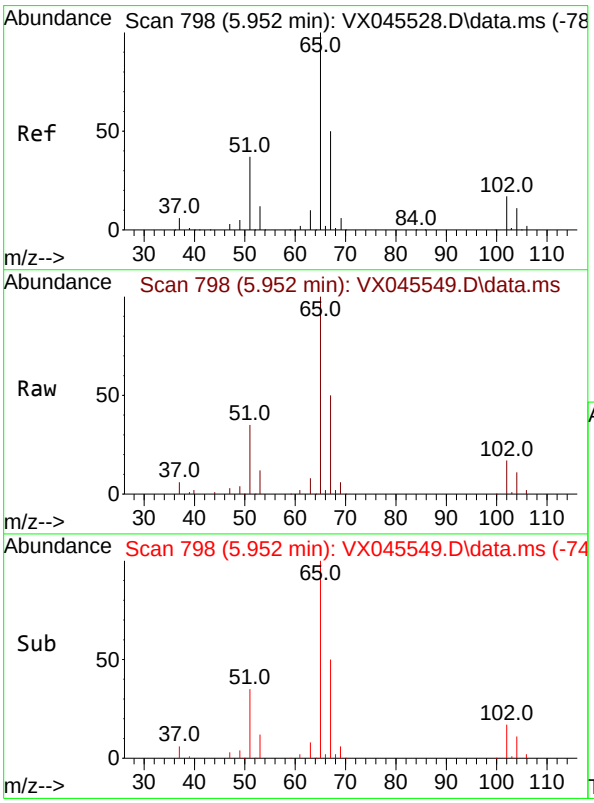

#29
Tetrahydrofuran
Concen: 25.280 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion: 42 Resp: 11104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.1 | 33.4 | 50.0 |
| 71 | 40.8 | 31.4 | 47.0 |

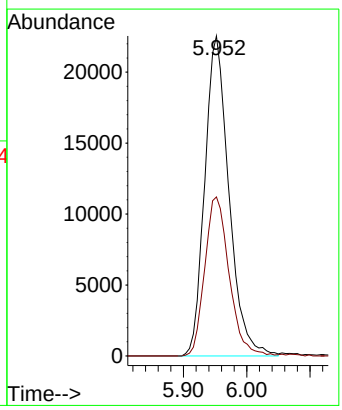


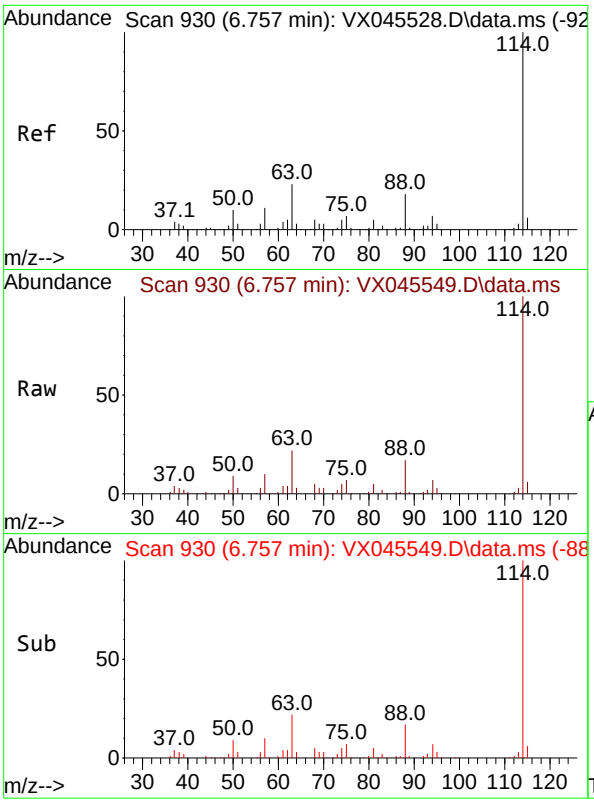




#33
1,2-Dichloroethane-d4
Concen: 53.047 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion: 65 Resp: 59791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.1 | 0.0 | 99.0 |



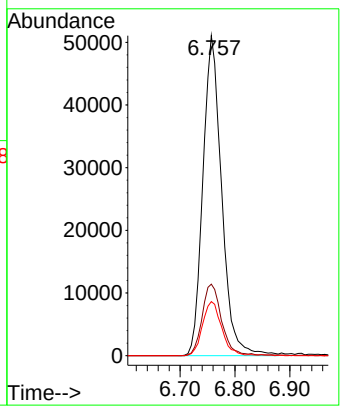


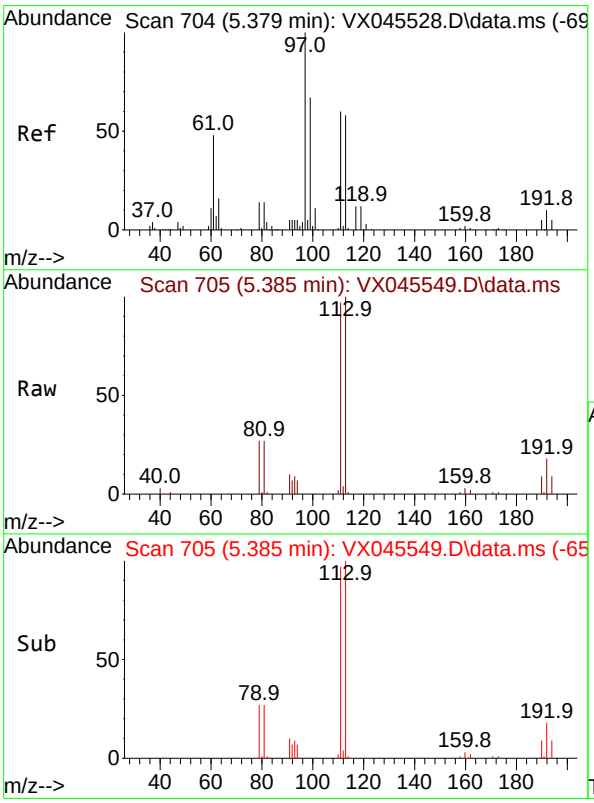

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion:114 Resp: 121248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 46.8 |
| 88 | 16.9 | 0.0 | 35.4 |

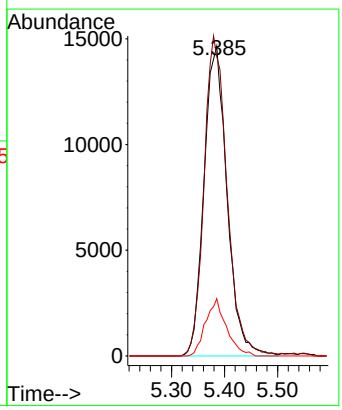


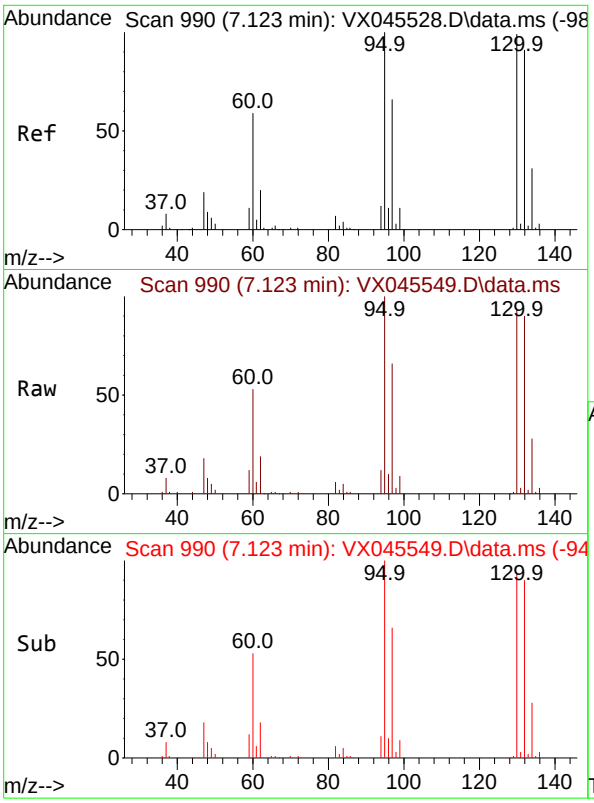




#35
Dibromofluoromethane
Concen: 51.431 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion:113 Resp: 44244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.8 | 122.6 |
| 192 | 16.7 | 13.8 | 20.6 |



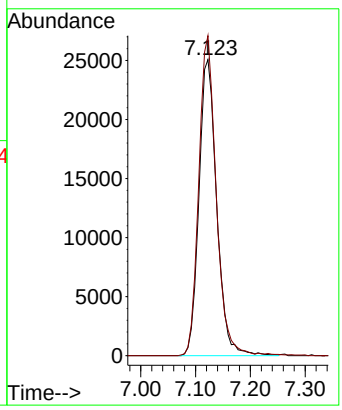


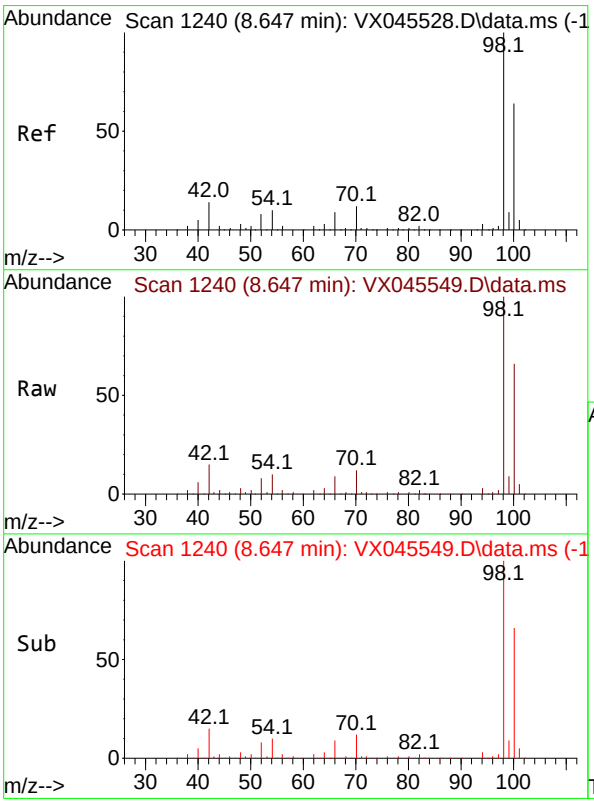

#44
Trichloroethene
Concen: 66.871 ug/l
RT: 7.123 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion:130 Resp: 56383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 108.0 | 0.0 | 202.0 |

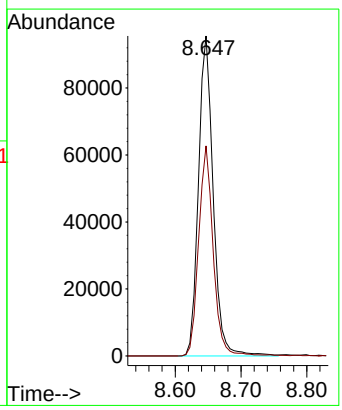


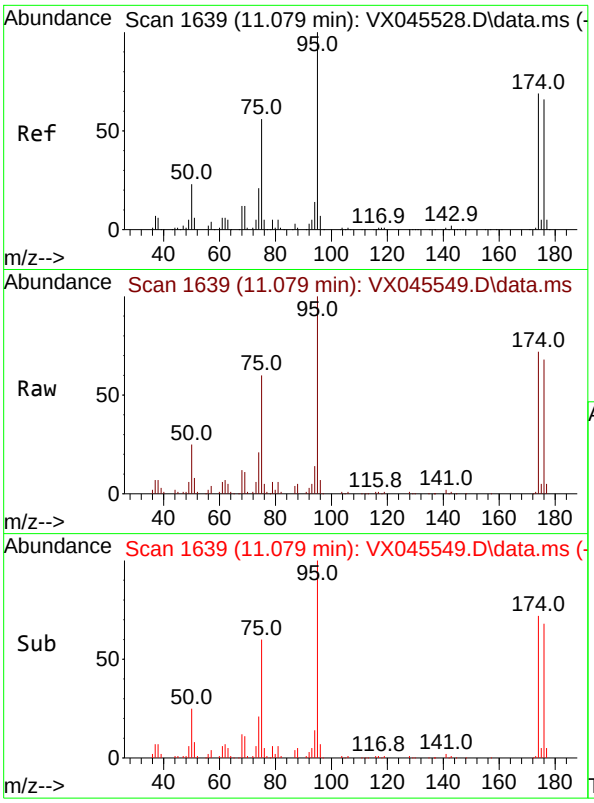




#50
Toluene-d8
Concen: 49.608 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion: 98 Resp: 148953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 52.2 | 78.4 |



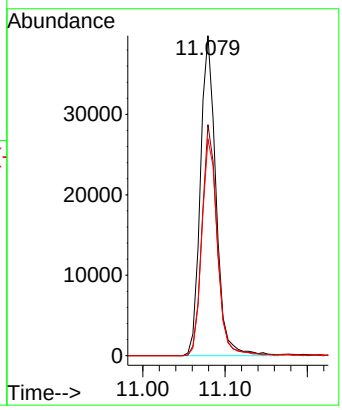


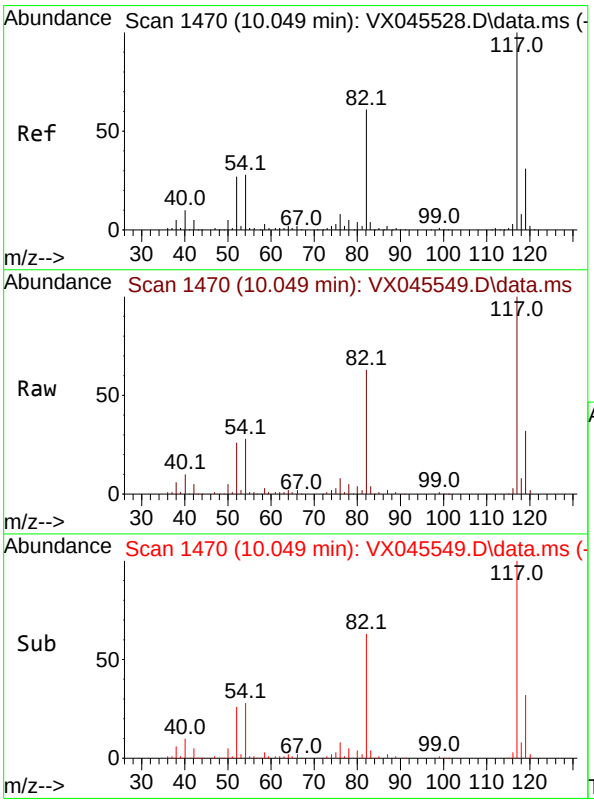

#62
4-Bromofluorobenzene
Concen: 47.870 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion: 95 Resp: 52356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.7 | 0.0 | 135.8 |
| 176 | 68.1 | 0.0 | 131.4 |

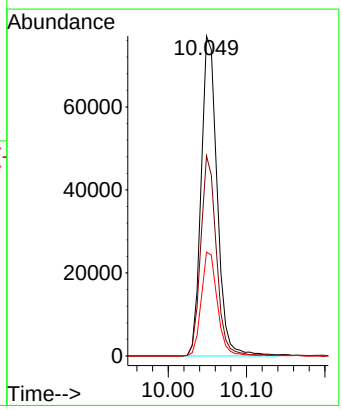


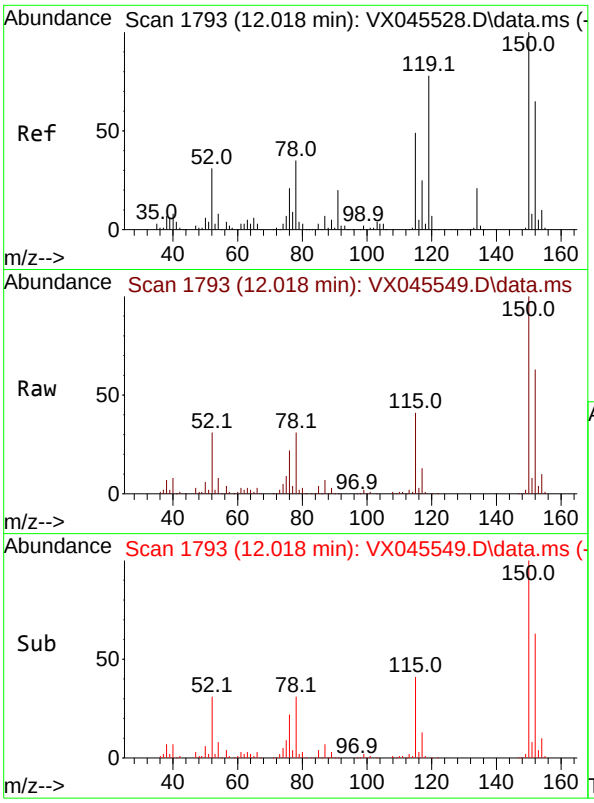




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

Tgt Ion:117 Resp: 109435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.6 | 49.2 | 73.8 |
| 119 | 32.5 | 25.1 | 37.7 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045549.D
Acq: 02 Apr 2025 16:04

**Instrument :**
MSVOA_X
**ClientSampleId :**
IW-02-55-040125

Tgt Ion:152 Resp: 45454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.3 | 46.9 | 140.7 |
| 150 | 158.3 | 0.0 | 349.4 |