Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029189.D
Acq On : 03 Jun 2022 14:52
Operator : JC/MD
Sample : N3164-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Quant Time: Jun 06 02:35:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 308357 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 571059 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 551945 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 254379 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 201079 | 57.828 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 115.660% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 190424 | 50.203 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 100.400% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 673747 | 48.565 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 97.140% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 265835 | 49.572 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 99.140% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.295 | 50 | 649 | 0.231 | ug/l | 97 |
| 16) Acetone | 2.380 | 43 | 5674 | 4.144 | ug/l # | 85 |
| 23) Vinyl Acetate | 3.733 | 43 | 2543 | 0.365 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.026 | 42 | 2728 | 1.926 | ug/l | 91 |
| 37) Ethyl Acetate | 4.715 | 43 | 575228 | 121.612 | ug/l | 99 |

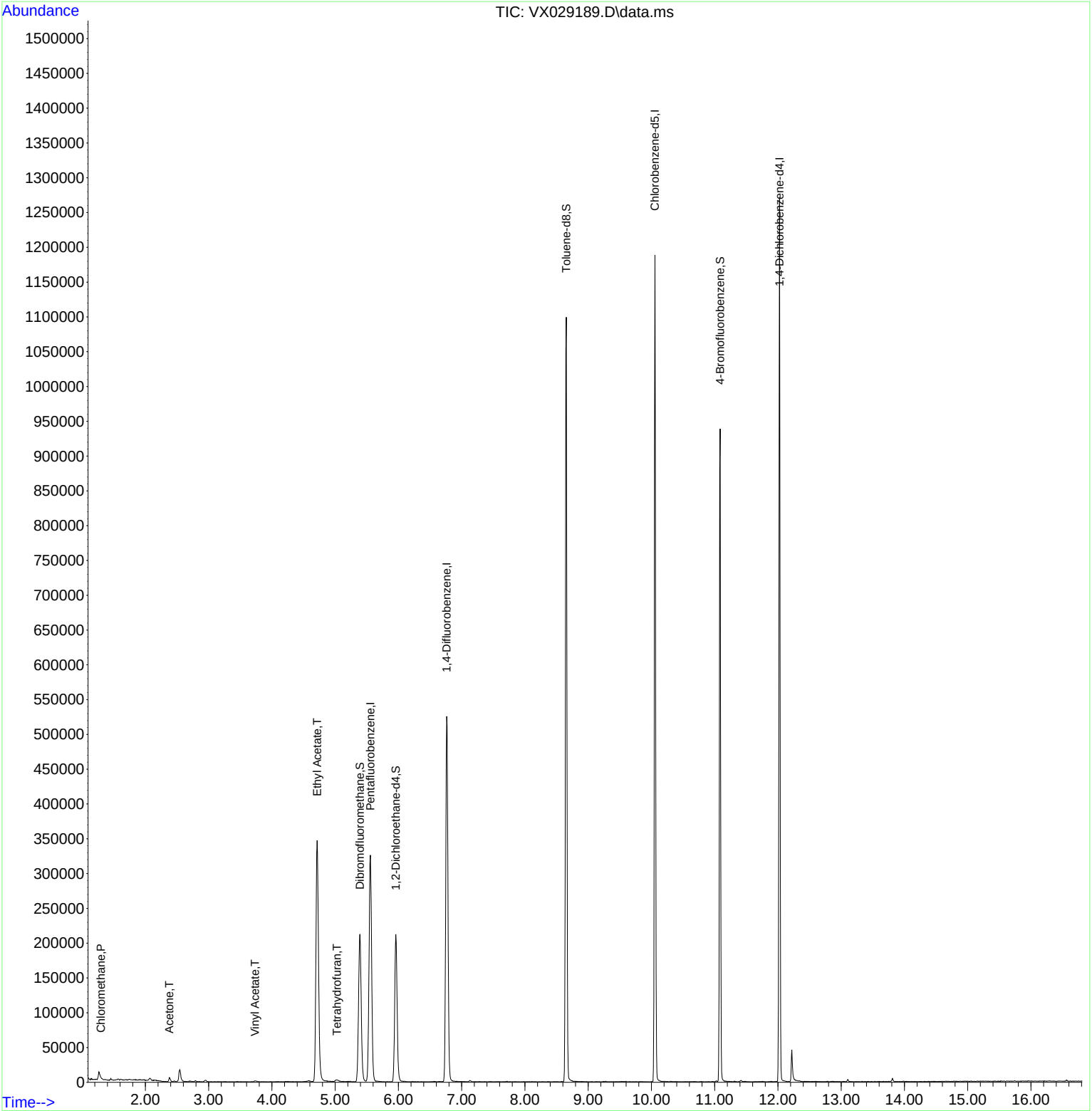
(#) = qualifier out of range (m) = manual integration (+) = signals summed

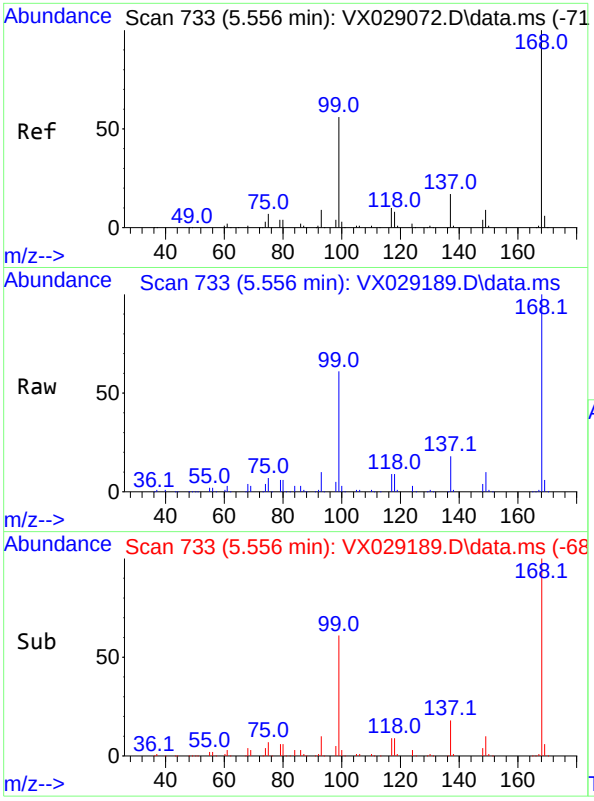
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029189.D
Acq On : 03 Jun 2022 14:52
Operator : JC/MD
Sample : N3164-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Quant Time: Jun 06 02:35:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



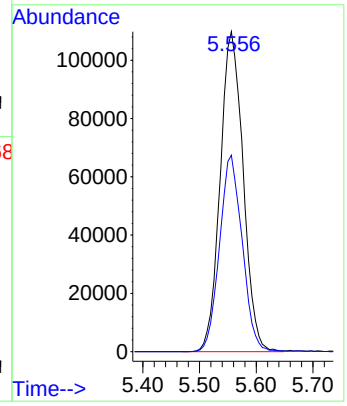


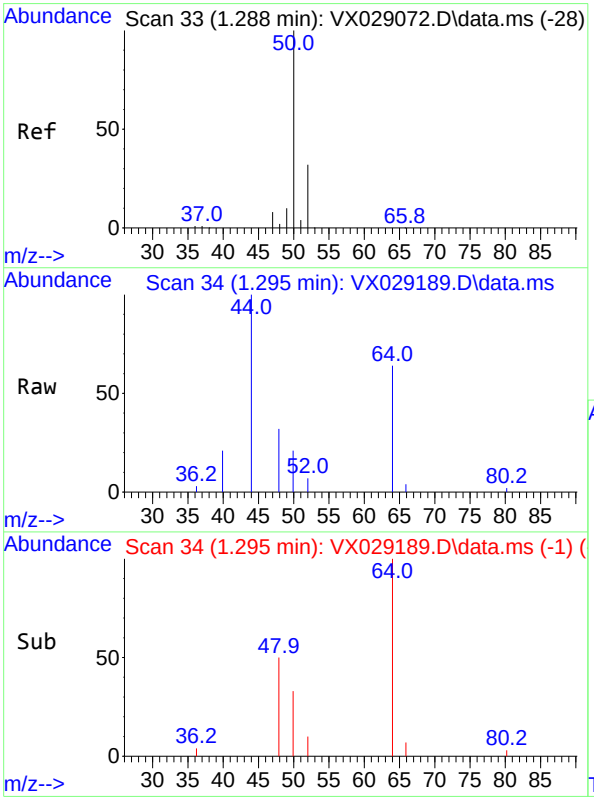

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion:168 Resp: 308357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.4 | 41.7 | 62.5 |

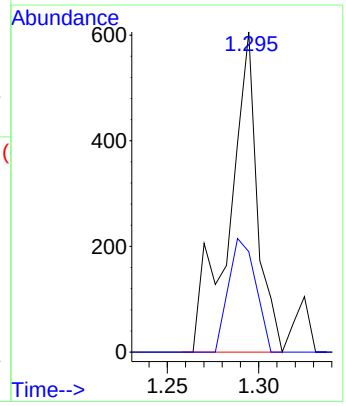


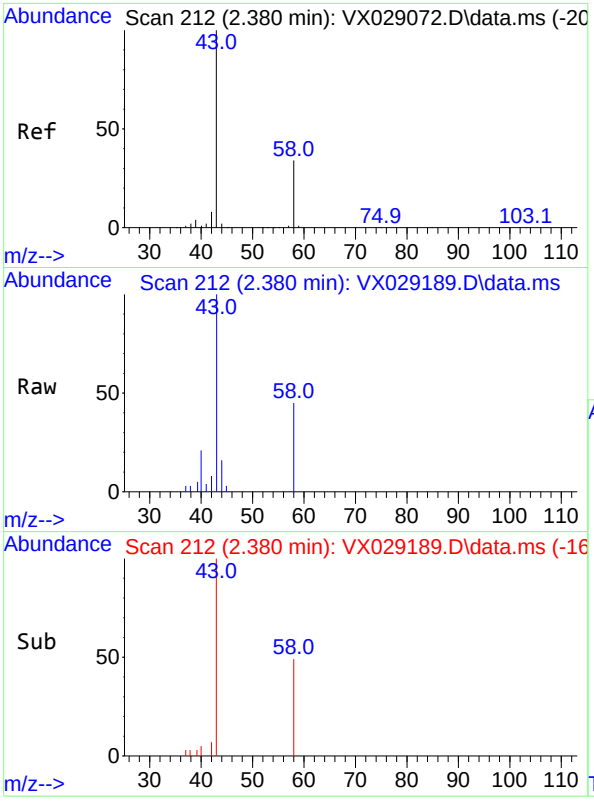




#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 50 Resp: 649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.4 | 26.4 | 39.6 |



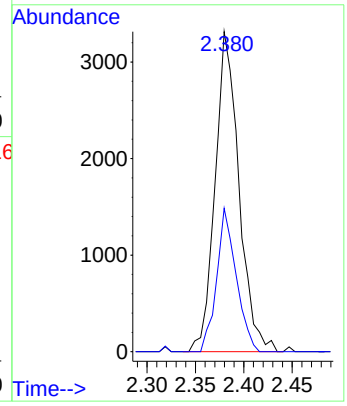


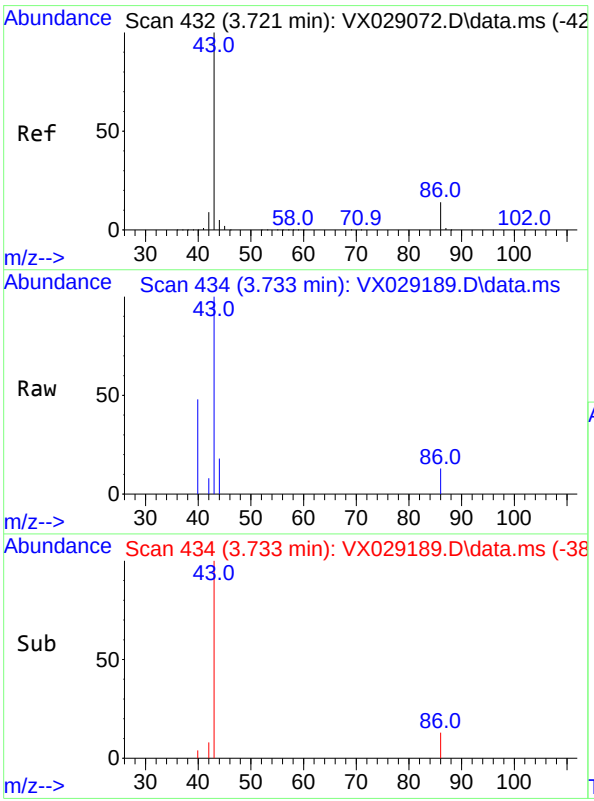

#16
Acetone
Concen: 4.144 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion: 43 Resp: 5674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.8 | 28.8 | 43.2# |

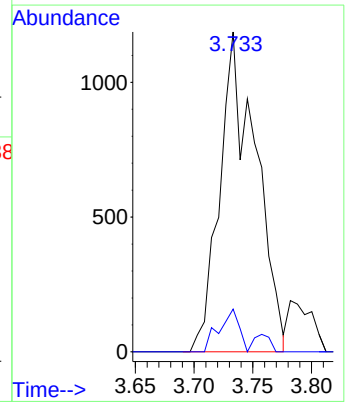


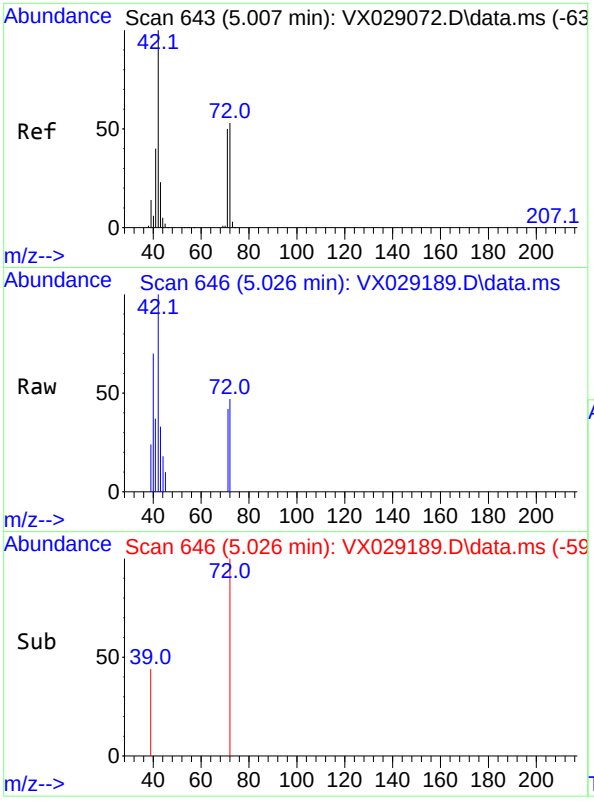




#23
Vinyl Acetate
Concen: 0.365 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 43 Resp: 2543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.4 | 10.8 | 16.2 |



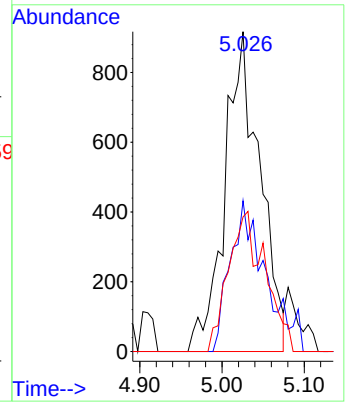


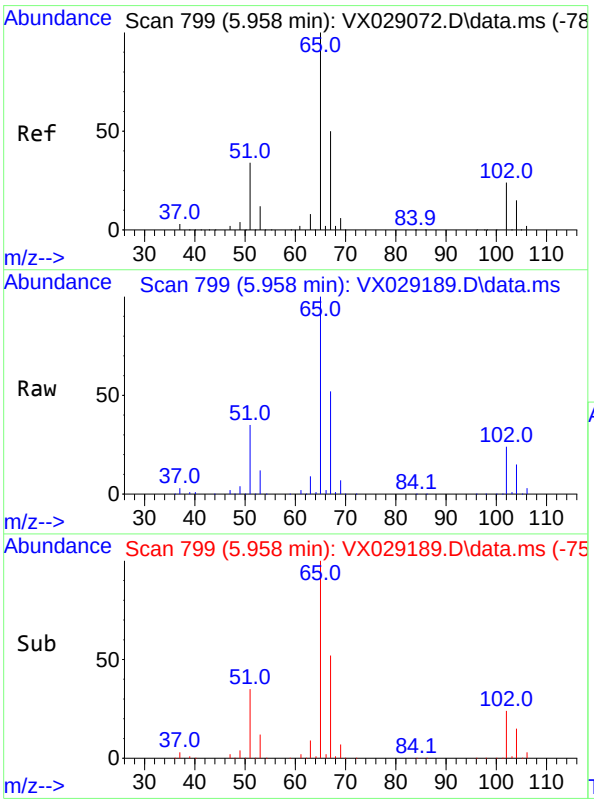

#29
Tetrahydrofuran
Concen: 1.926 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.019 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion: 42 Resp: 2728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 47.7 | 44.1 | 66.1 |
| 71 | 45.7 | 40.5 | 60.7 |

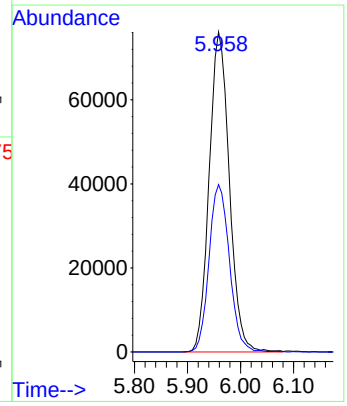


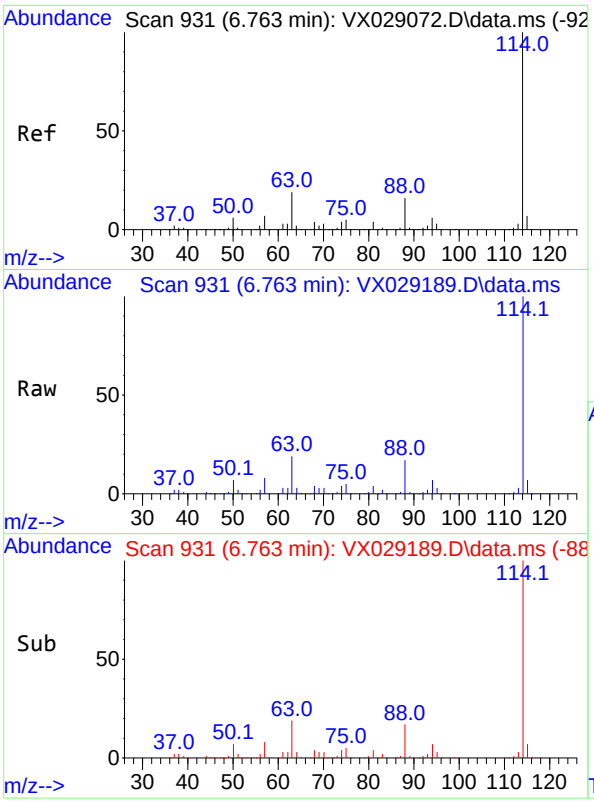




#33
1,2-Dichloroethane-d4
Concen: 57.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 65 Resp: 201079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 107.4 |



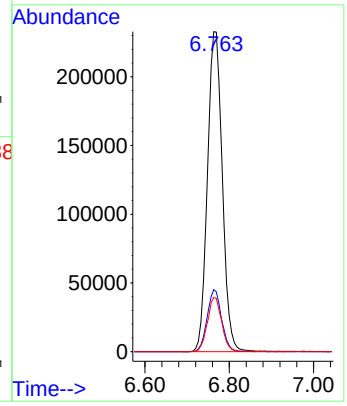


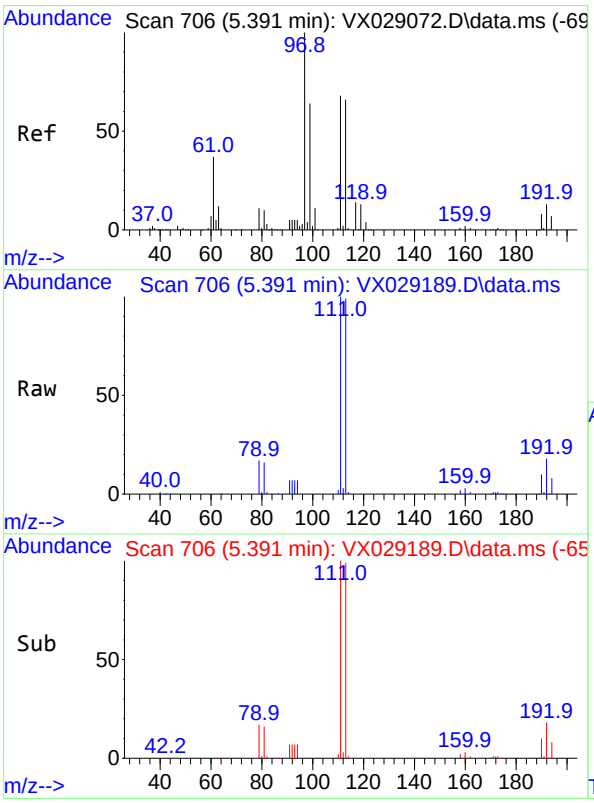

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion:114 Resp: 571059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.4 | 0.0 | 36.8 |
| 88 | 16.9 | 0.0 | 32.4 |

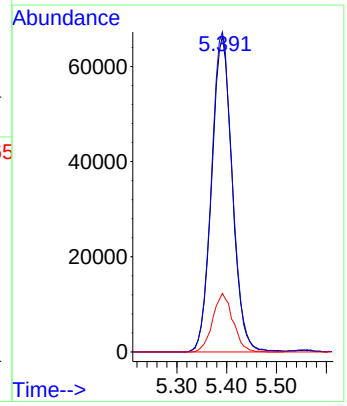


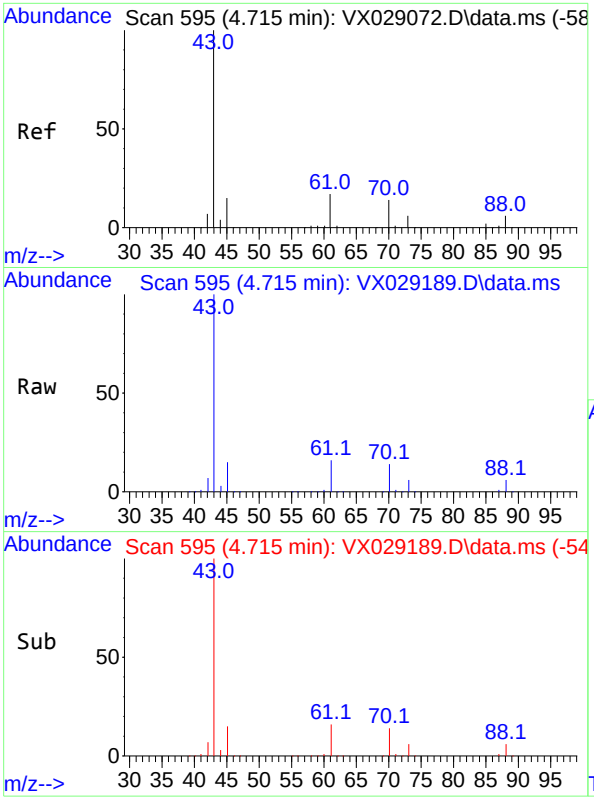




#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion:113 Resp: 190424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.8 | 124.2 |
| 192 | 18.2 | 16.9 | 25.3 |



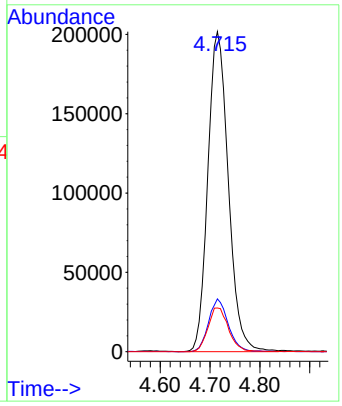


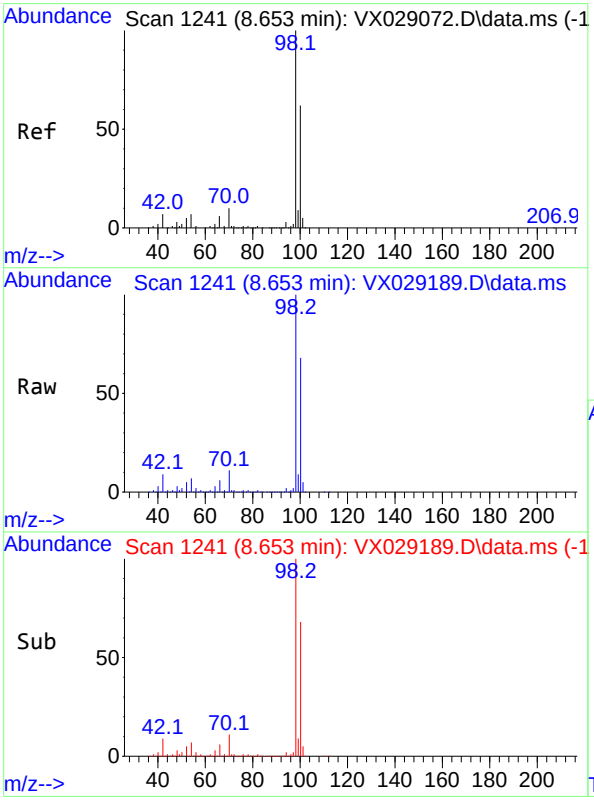

#37
Ethyl Acetate
Concen: 121.612 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion: 43 Resp: 575228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.9 | 12.6 | 19.0 |
| 70 | 13.8 | 10.2 | 15.2 |

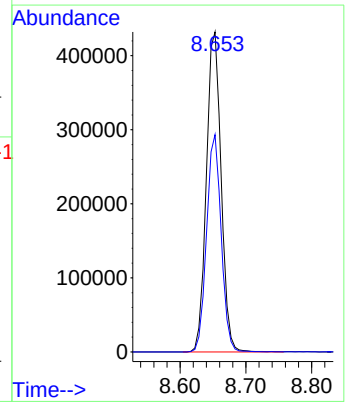


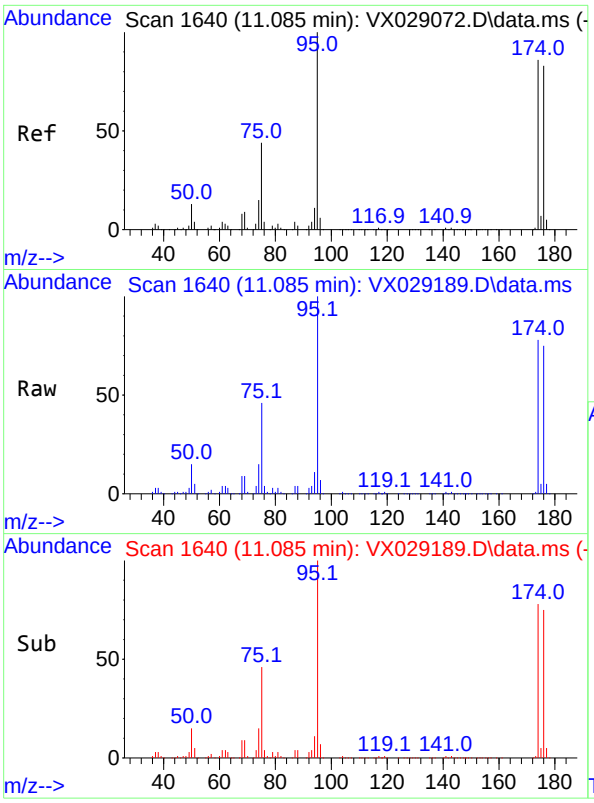




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 98 Resp: 673747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.0 | 52.6 | 78.8 |



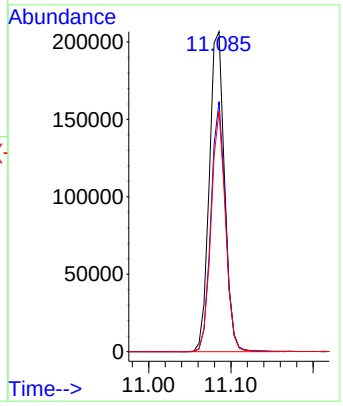


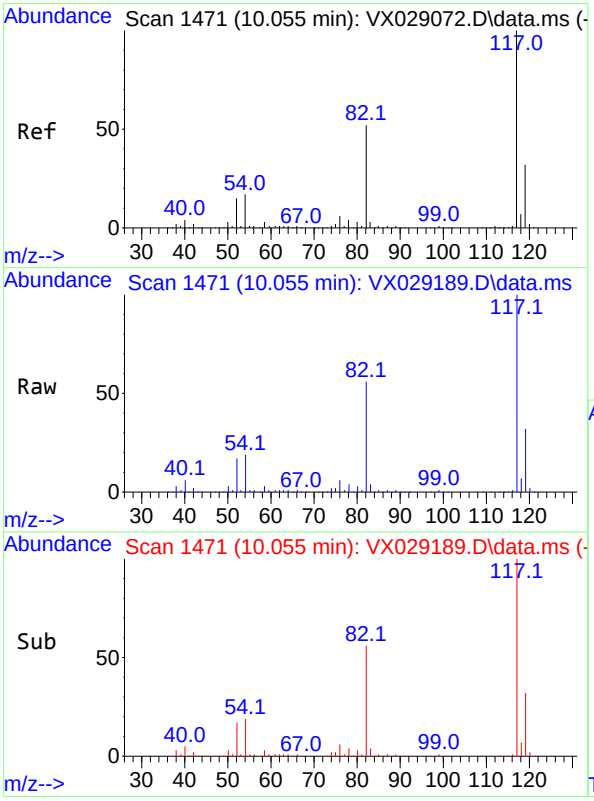

#62
4-Bromofluorobenzene
Concen: 49.572 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion: 95 Resp: 265835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.6 | 0.0 | 163.0 |
| 176 | 71.0 | 0.0 | 155.0 |

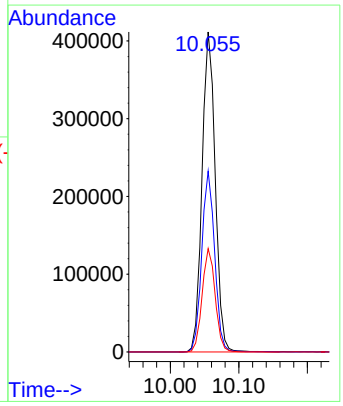


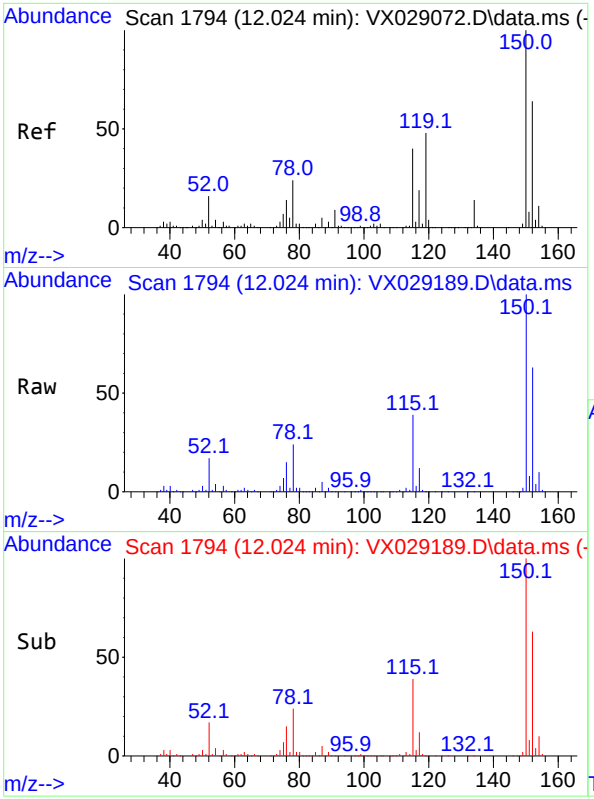




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion:117 Resp: 551945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.5 | 41.8 | 62.8 |
| 119 | 32.3 | 24.8 | 37.2 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
27BR-20220531

Tgt Ion:152 Resp: 254379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.6 | 37.5 | 112.7 |
| 150 | 157.9 | 0.0 | 338.2 |