Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041711.D
Acq On : 03 Jun 2024 17:51
Operator : JC/MD
Sample : P2687-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Quant Time: Jun 04 00:52:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 147391 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 221379 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 223992 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 114199 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 81303 | 44.976 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 89.960% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 68015 | 44.437 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 88.880% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 263899 | 49.344 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 98.680% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 102399 | 51.877 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.392 | 43 | 87087 | 108.269 | ug/l | 97 |
| 18) Methyl Acetate | 2.709 | 43 | 2677 | 1.551 | ug/l # | 89 |
| 20) Methylene Chloride | 2.788 | 84 | 3569 | 2.206 | ug/l | 94 |
| 25) 2-Butanone | 4.581 | 43 | 19948 | 17.755 | ug/l | 99 |
| 43) Isopropyl Acetate | 6.349 | 43 | 87109 | 24.668 | ug/l | 98 |

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

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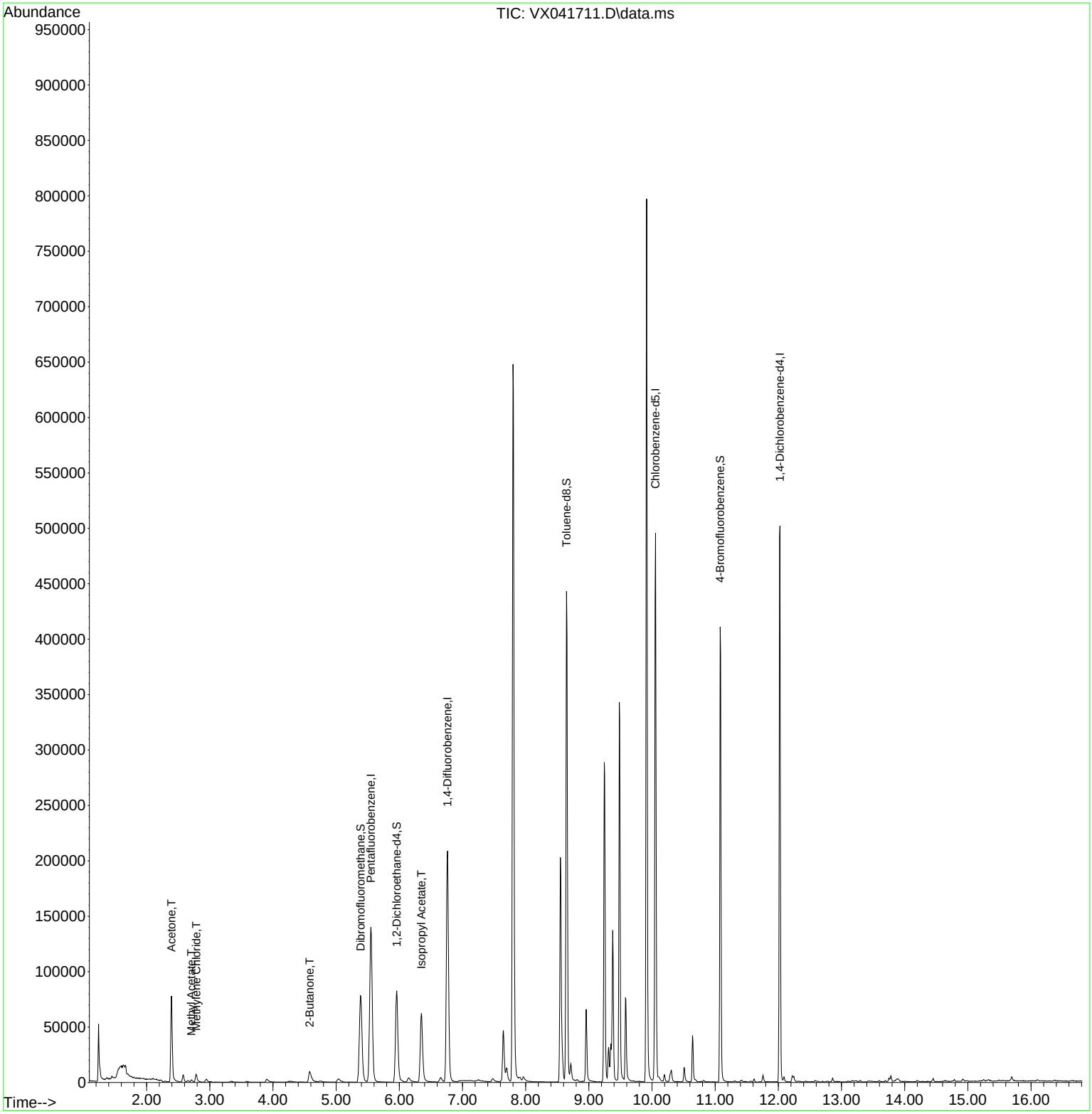
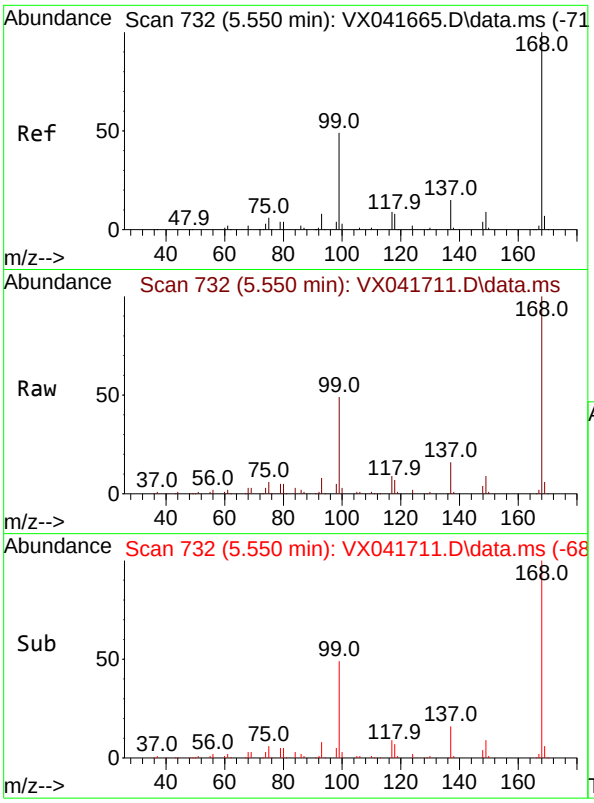
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



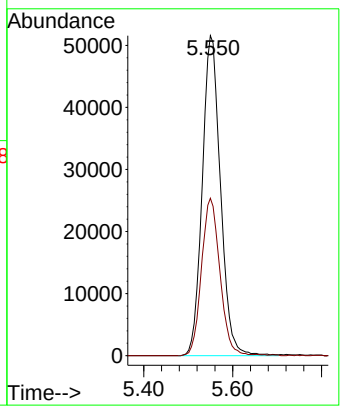


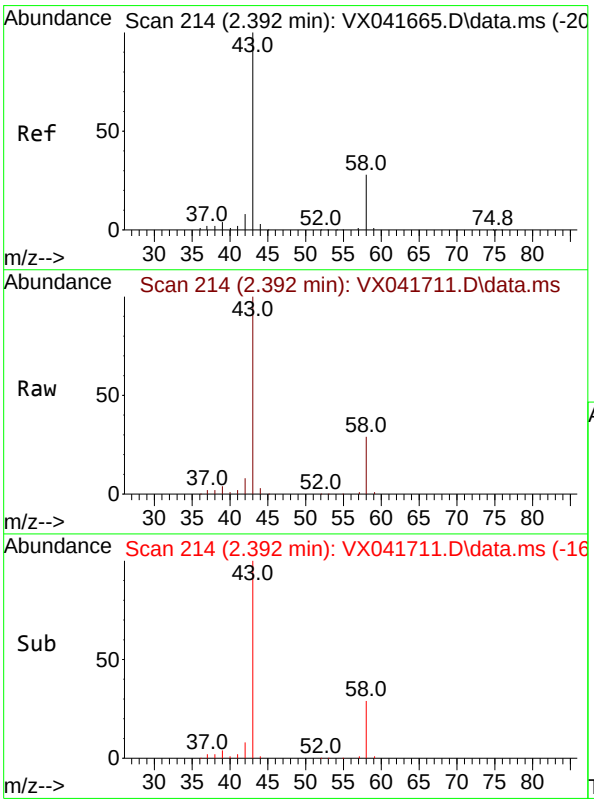

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion:168 Resp: 147391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.2 | 56.6 | 85.0# |

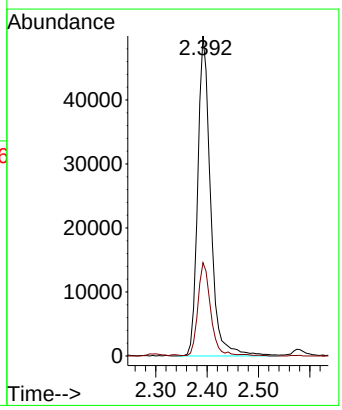


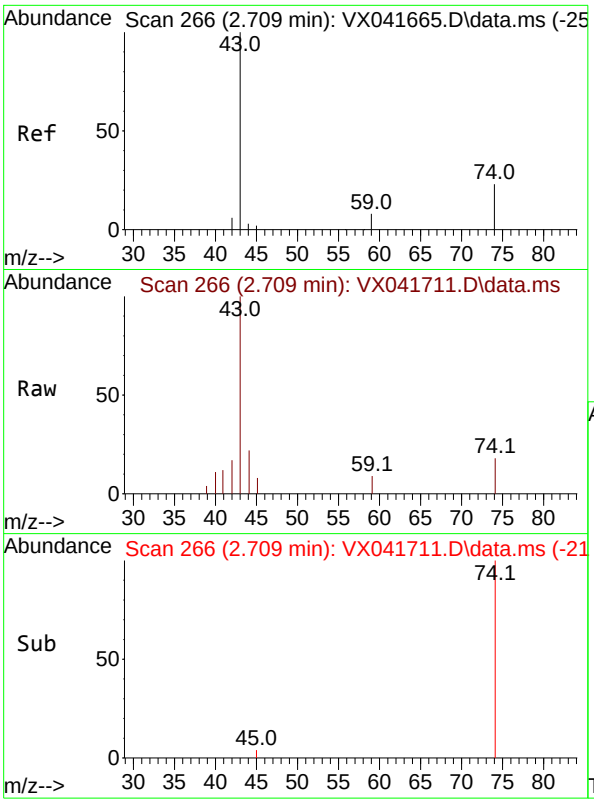




#16
Acetone
Concen: 108.269 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion: 43 Resp: 87087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 21.9 | 32.9 |



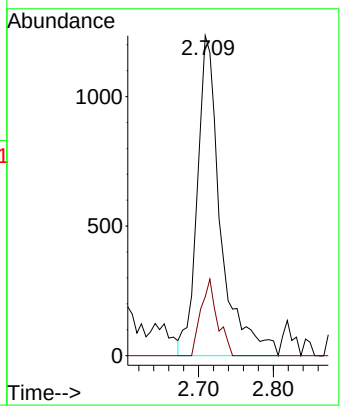


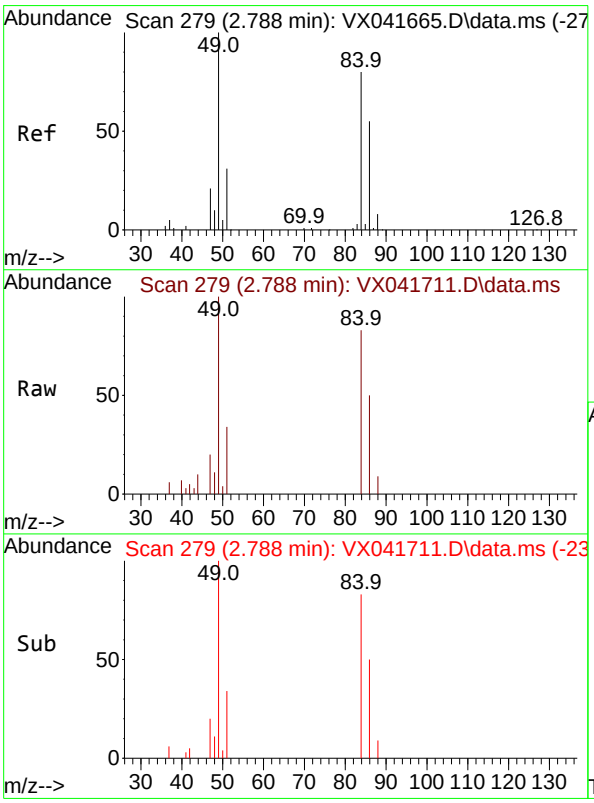

#18
Methyl Acetate
Concen: 1.551 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion: 43 Resp: 2677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 16.9 | 17.8 | 26.8# |

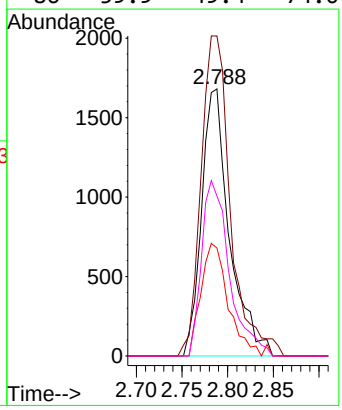


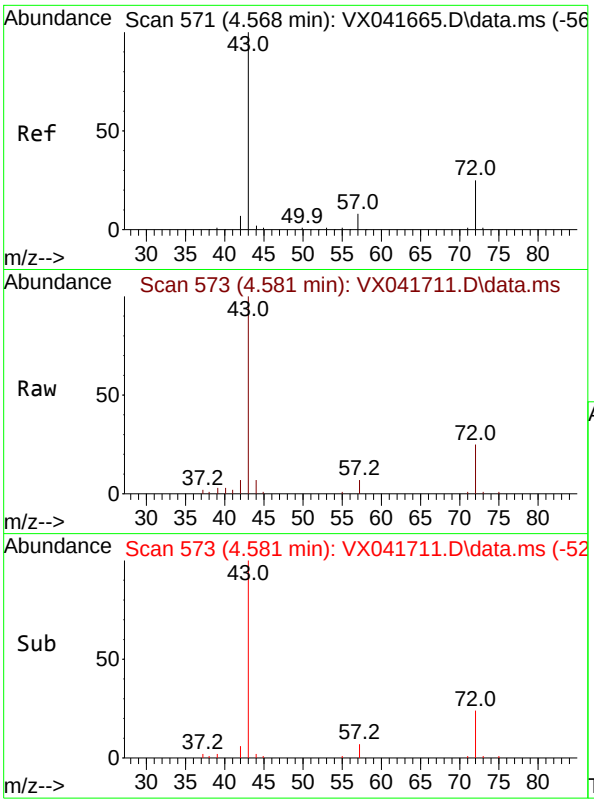




#20
Methylene Chloride
Concen: 2.206 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion: 84 Resp: 3569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.8 | 103.6 | 155.4 |
| 51 | 40.5 | 33.8 | 50.6 |
| 86 | 59.9 | 49.4 | 74.0 |



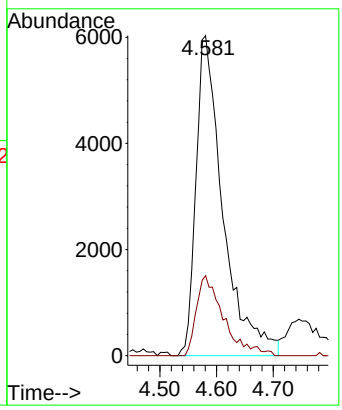


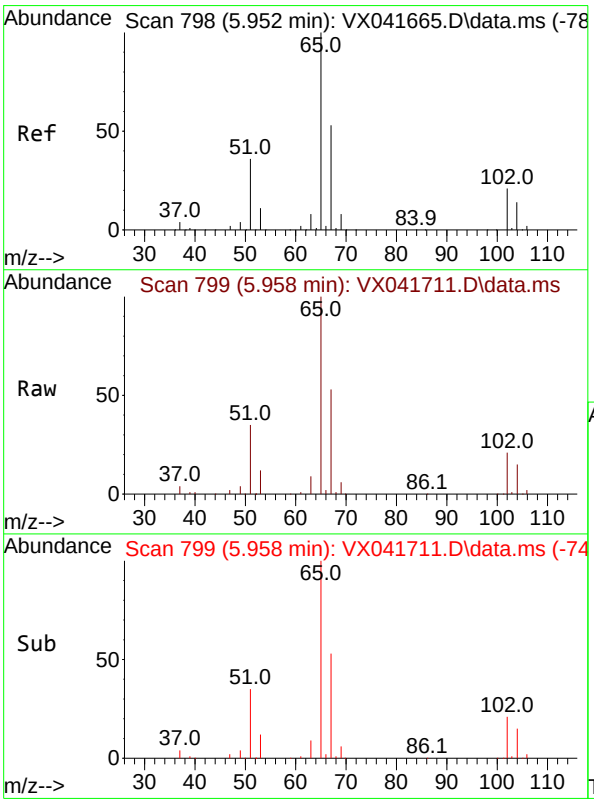

#25
2-Butanone
Concen: 17.755 ug/l
RT: 4.581 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion: 43 Resp: 19948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.0 | 19.4 | 29.2 |

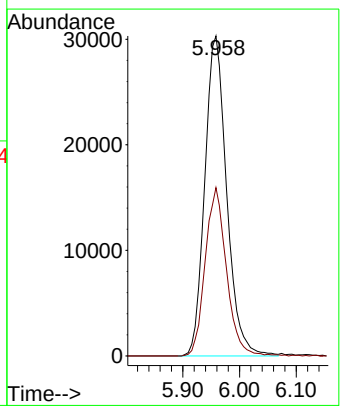


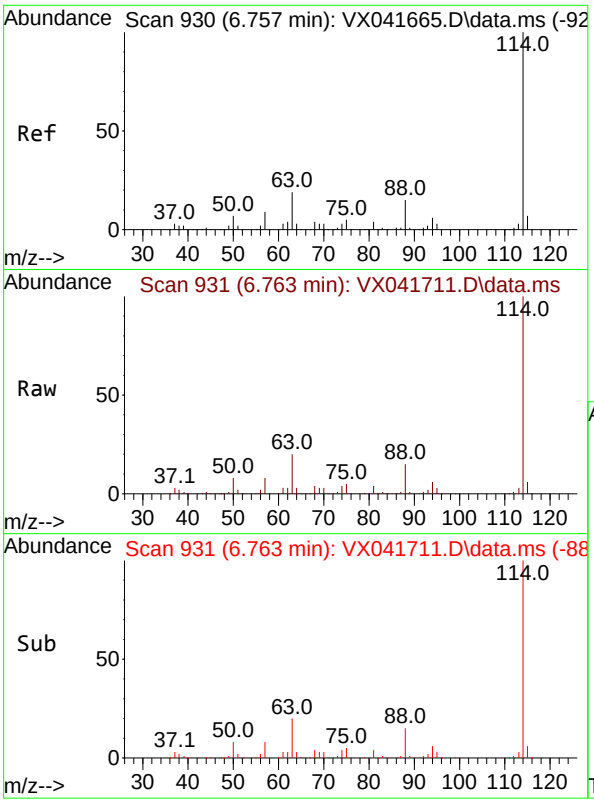




#33
1,2-Dichloroethane-d4
Concen: 44.976 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion: 65 Resp: 81303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 100.2 |



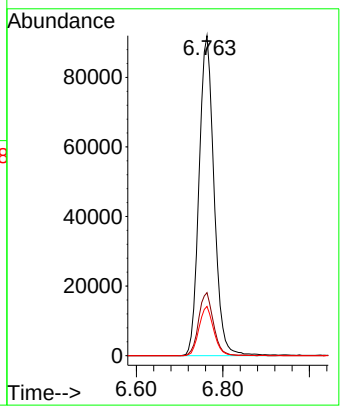


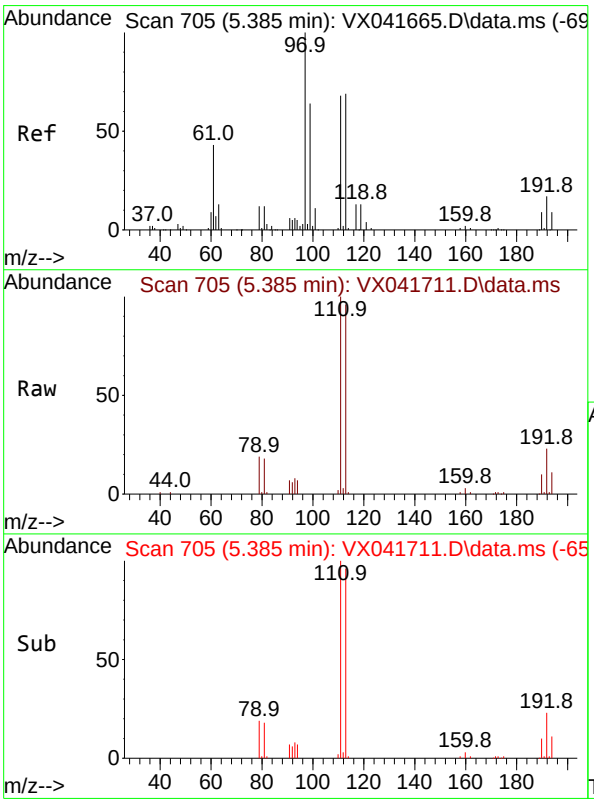

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion:114 Resp: 221379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 45.0 |
| 88 | 15.4 | 0.0 | 36.6 |

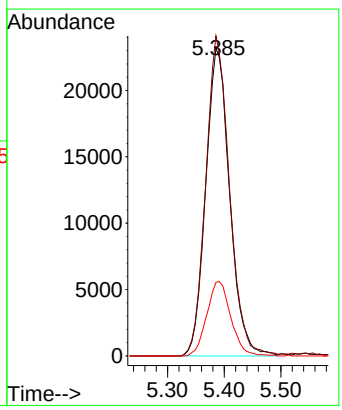


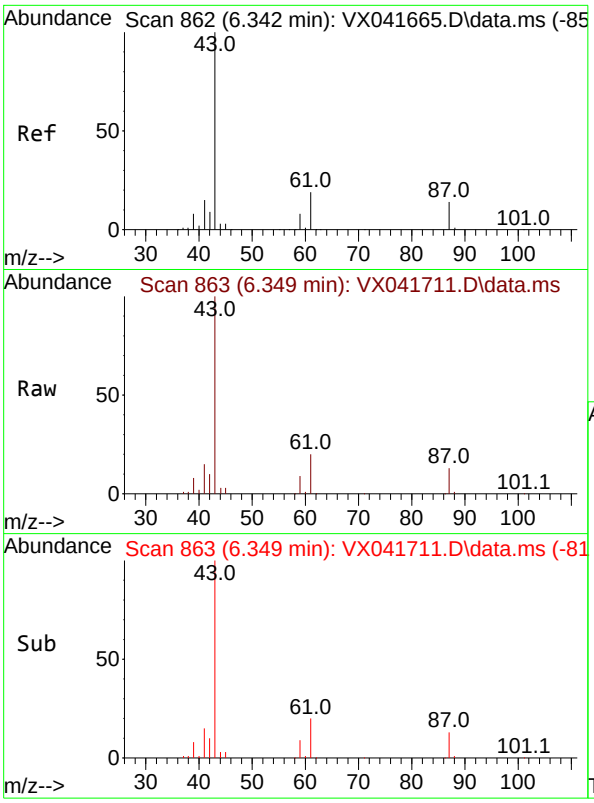




#35
Dibromofluoromethane
Concen: 44.437 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion:113 Resp: 68015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 82.9 | 124.3 |
| 192 | 24.3 | 13.3 | 19.9# |



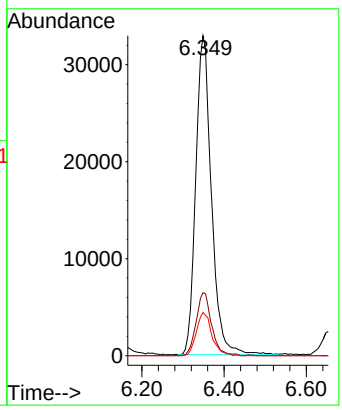


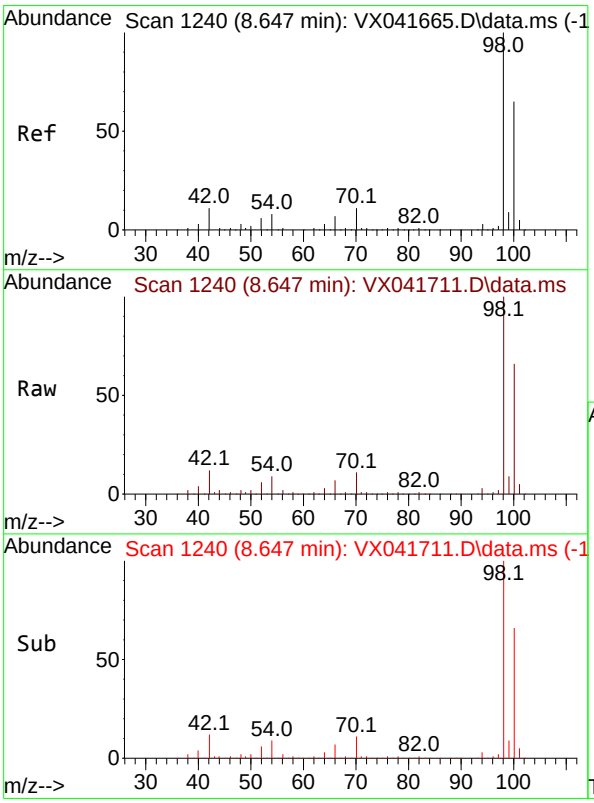

#43
Isopropyl Acetate
Concen: 24.668 ug/l
RT: 6.349 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion: 43 Resp: 87109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.4 | 15.2 | 22.8 |
| 87 | 13.3 | 9.8 | 14.6 |

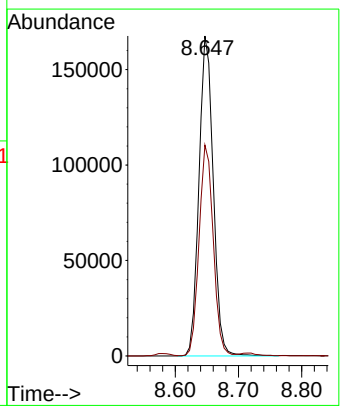


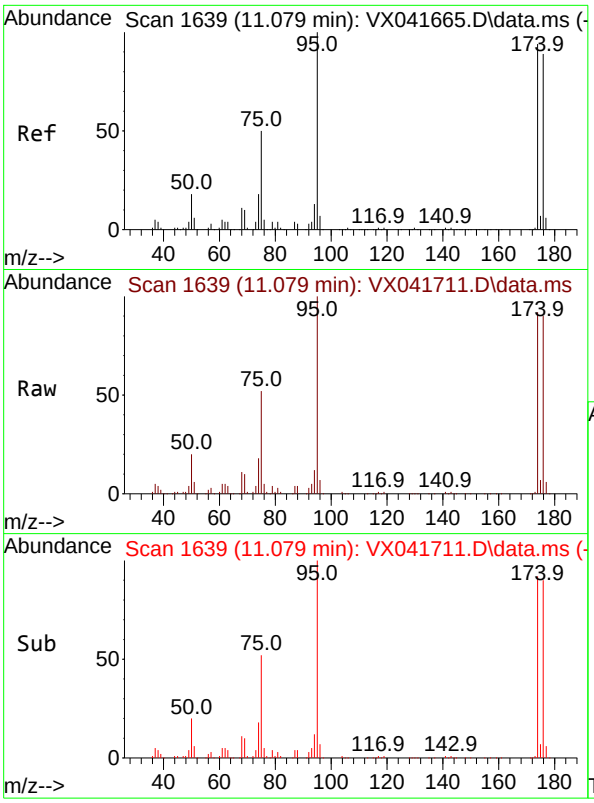




#50
Toluene-d8
Concen: 49.344 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion: 98 Resp: 263899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 53.1 | 79.7 |



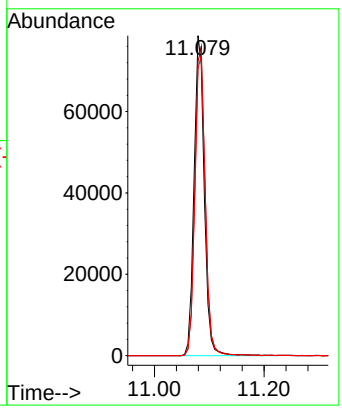


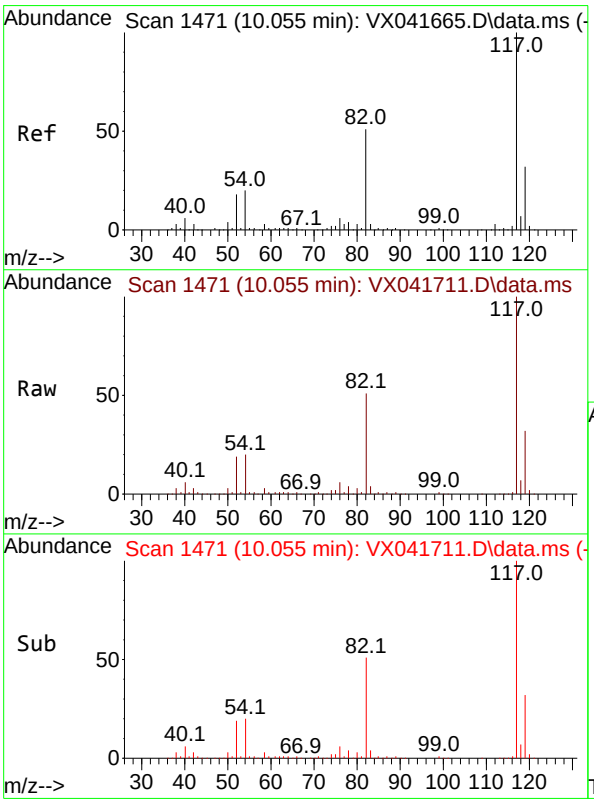

#62
4-Bromofluorobenzene
Concen: 51.877 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion: 95 Resp: 102399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.8 | 0.0 | 135.6 |
| 176 | 95.5 | 0.0 | 131.0 |

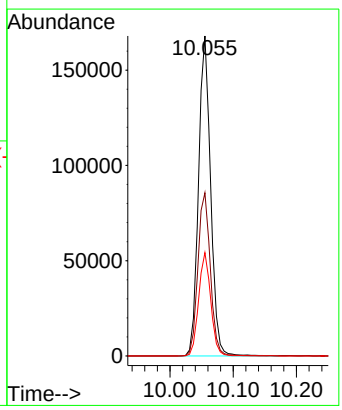


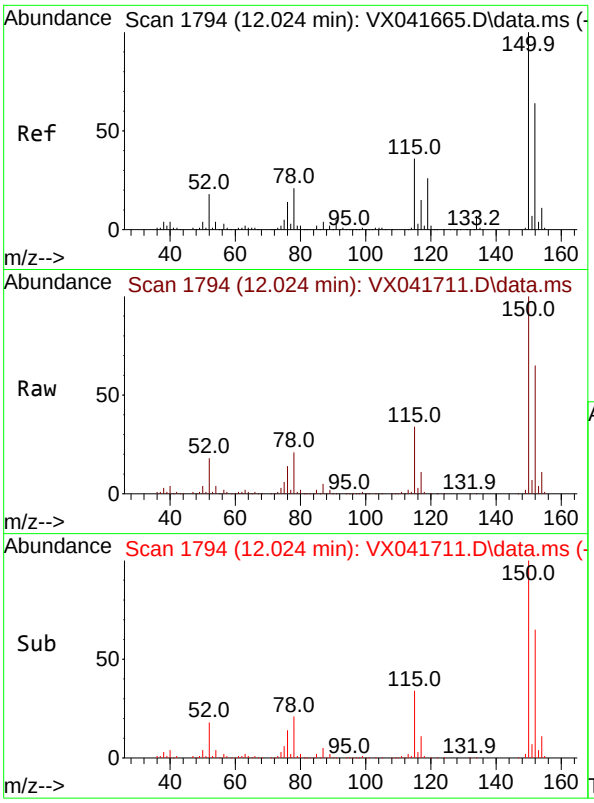




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

Tgt Ion:117 Resp: 223992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.0 | 46.2 | 69.4 |
| 119 | 32.3 | 25.5 | 38.3 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041711.D
Acq: 03 Jun 2024 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
VNJ-223

Tgt Ion:152 Resp: 114199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.0 | 43.3 | 129.9 |
| 150 | 154.9 | 0.0 | 345.0 |