Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072766.D
Acq On : 10 Jun 2022 15:45
Operator : JC\MD
Sample : N3293-15 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Quant Time: Jun 11 01:54:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

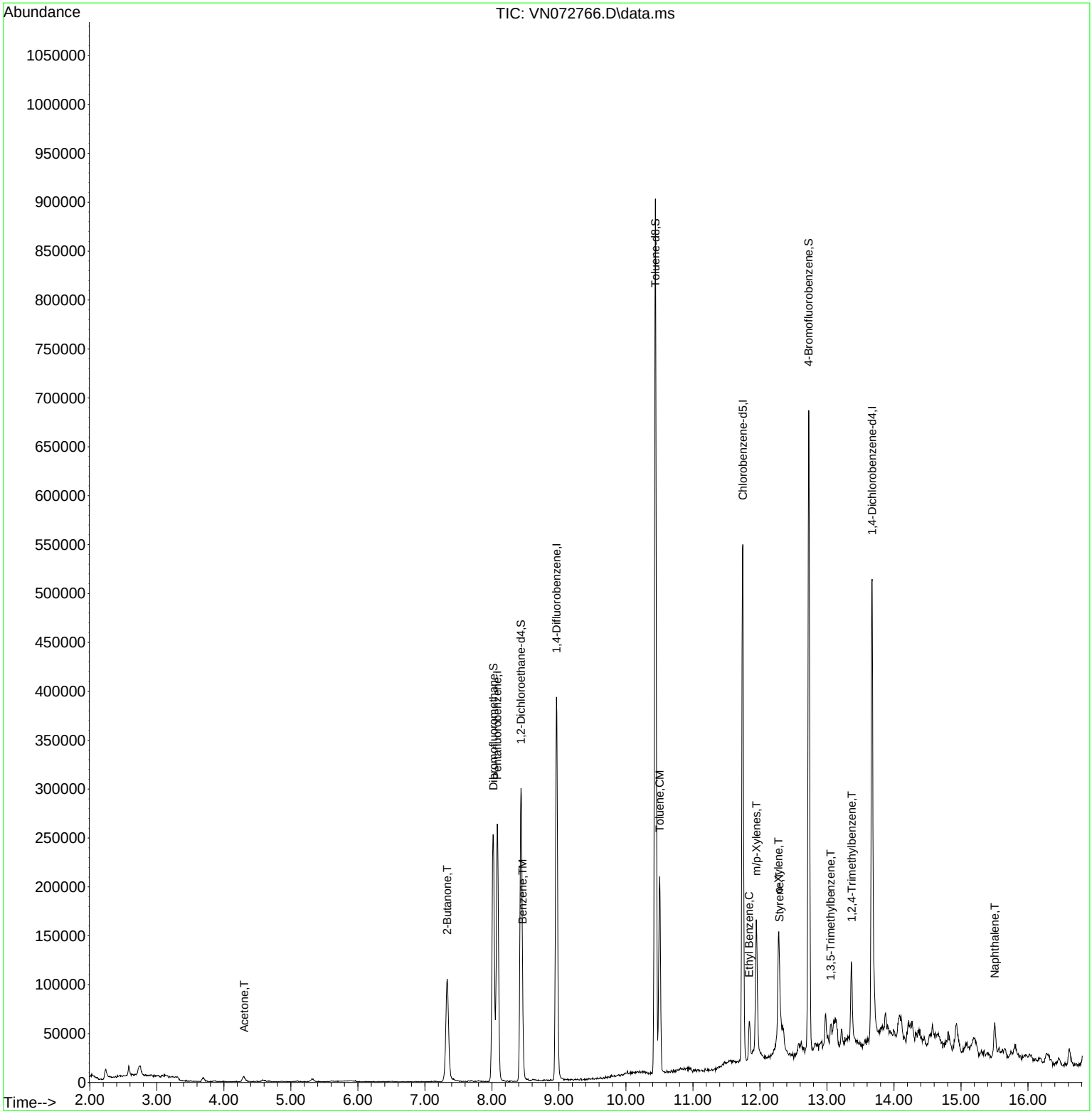
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.081 | 168 | 171673 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 8.963 | 114 | 320284 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.745 | 117 | 283413 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.674 | 152 | 113063 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.433 | 65 | 248200 | 53.868 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 107.740% | | | |
| 35) Dibromofluoromethane | 8.022 | 113 | 182313 | 57.527 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 115.060% | | | |
| 50) Toluene-d8 | 10.439 | 98 | 575643 | 45.526 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 91.060% | | | |
| 62) 4-Bromofluorobenzene | 12.727 | 95 | 219196 | 50.519 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 101.040% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.304 | 43 | 11007 | 4.985 | ug/l # | 75 |
| 25) 2-Butanone | 7.334 | 43 | 164136 | 46.215 | ug/l # | 89 |
| 40) Benzene | 8.457 | 78 | 16798 | 1.258 | ug/l | 98 |
| 52) Toluene | 10.504 | 92 | 83770 | 10.051 | ug/l | 99 |
| 67) Ethyl Benzene | 11.839 | 91 | 27695 | 1.950 | ug/l | 100 |
| 68) m/p-Xylenes | 11.945 | 106 | 37089 | 7.350 | ug/l | 85 |
| 69) o-Xylene | 12.274 | 106 | 24341 | 4.798 | ug/l | 93 |
| 70) Styrene | 12.292 | 104 | 13440 | 1.686 | ug/l # | 63 |
| 80) 1,3,5-Trimethylbenzene | 13.057 | 105 | 9220 | 0.959 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.368 | 105 | 44106 | 4.797 | ug/l | 93 |
| 95) Naphthalene | 15.504 | 128 | 33174 | 4.466 | ug/l # | 94 |

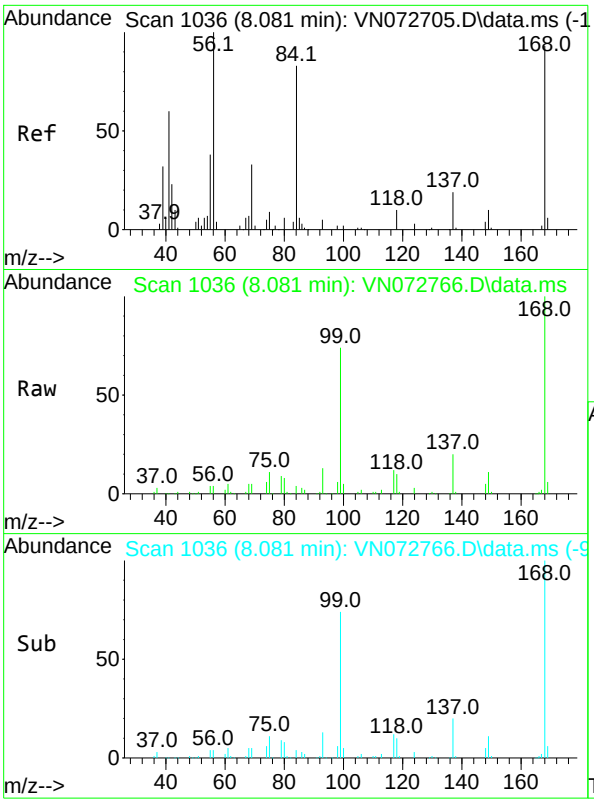
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072766.D
Acq On : 10 Jun 2022 15:45
Operator : JC\MD
Sample : N3293-15 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Quant Time: Jun 11 01:54:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration



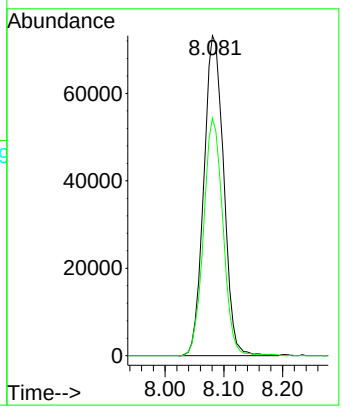


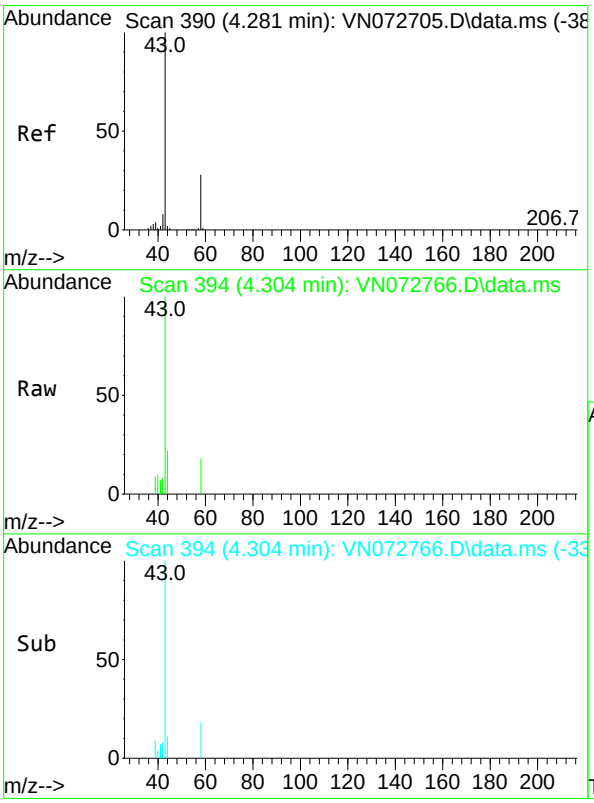

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:168 Resp: 171673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 74.2 | 42.3 | 63.5# |

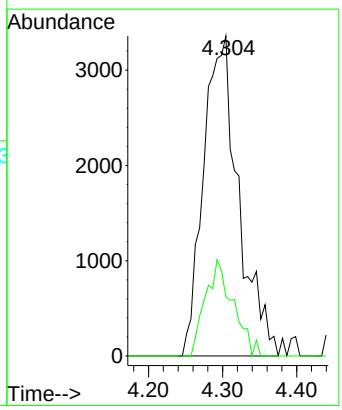


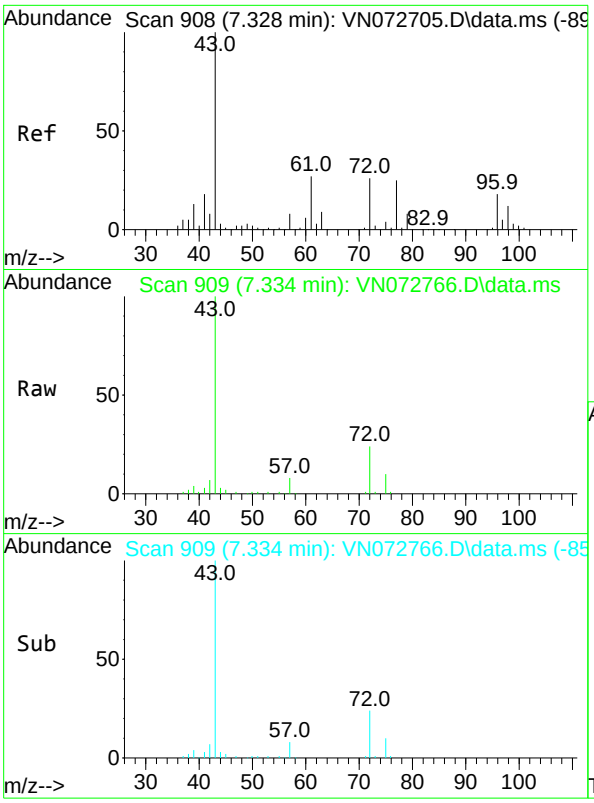




#16
Acetone
Concen: 4.985 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion: 43 Resp: 11007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.4 | 26.0 | 39.0# |



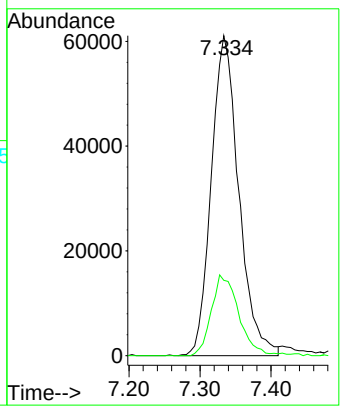


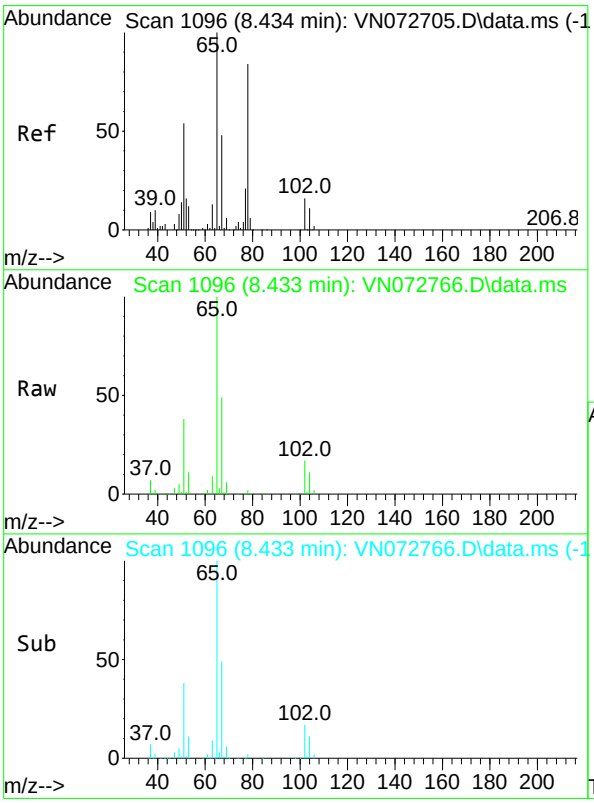

#25
2-Butanone
Concen: 46.215 ug/l
RT: 7.334 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion: 43 Resp: 164136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.5 | 23.7 | 35.5# |

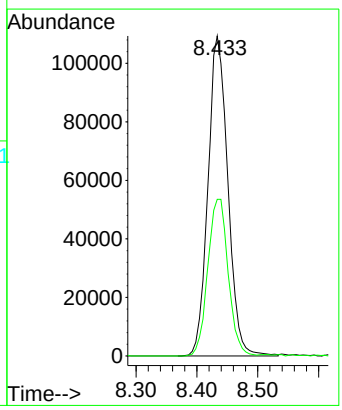


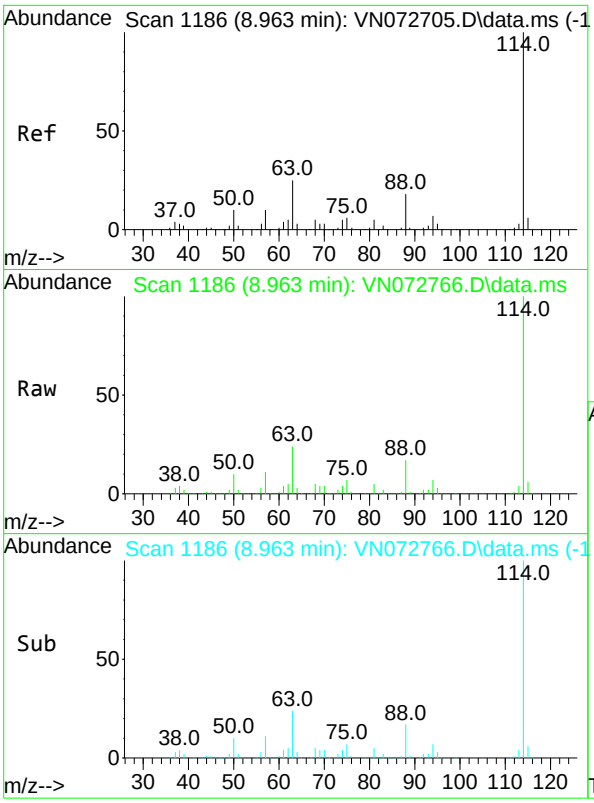




#33
1,2-Dichloroethane-d4
Concen: 53.868 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion: 65 Resp: 248200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.2 | 0.0 | 104.8 |



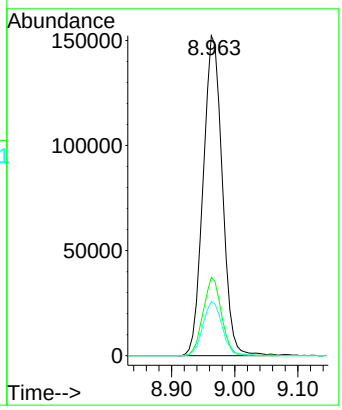


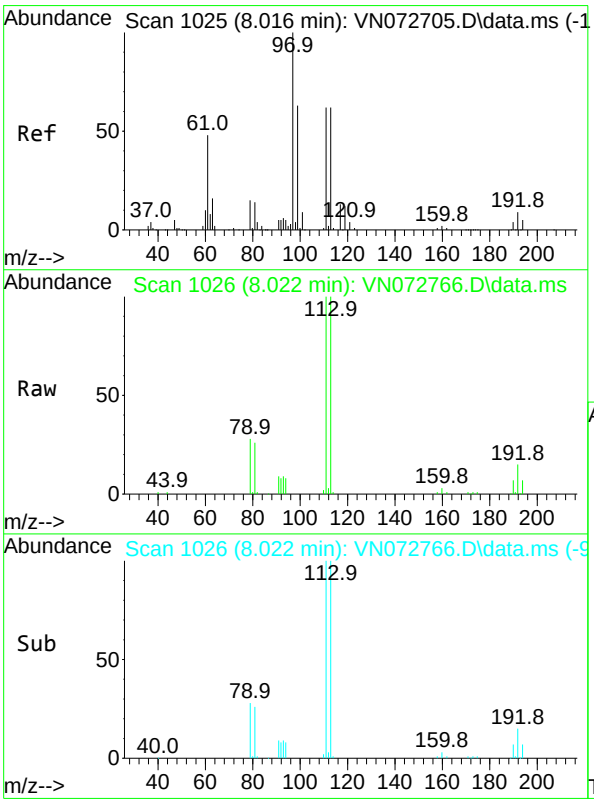

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:114 Resp: 320284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.4 | 0.0 | 40.0 |
| 88 | 16.9 | 0.0 | 32.6 |

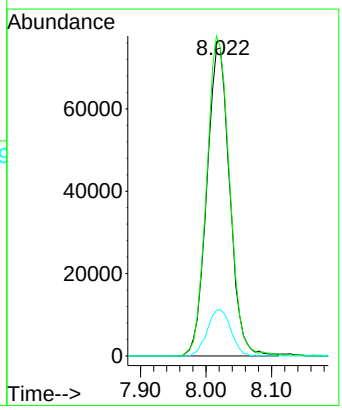


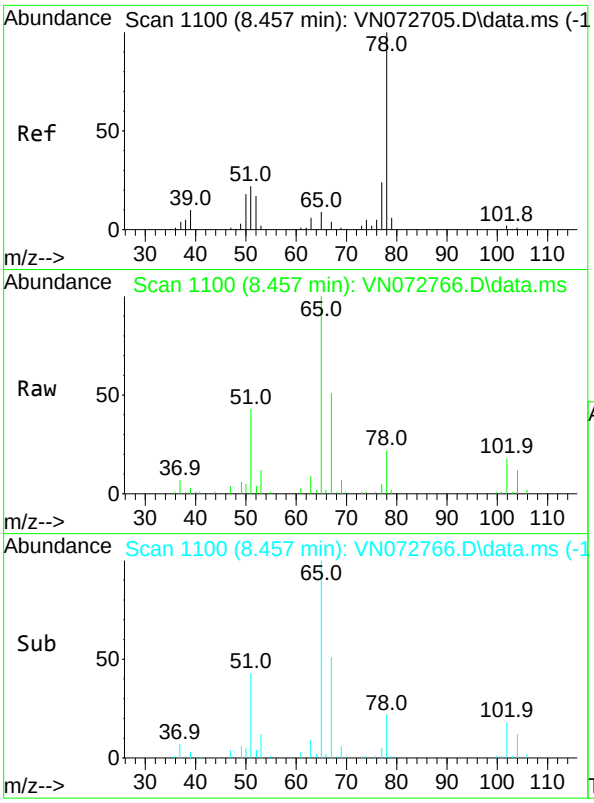




#35
Dibromofluoromethane
Concen: 57.527 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion:113 Resp: 182313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.8 | 81.4 | 122.0 |
| 192 | 15.4 | 17.0 | 25.6# |



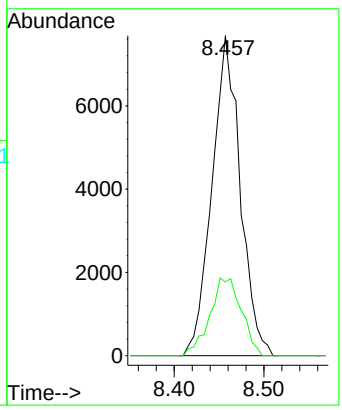


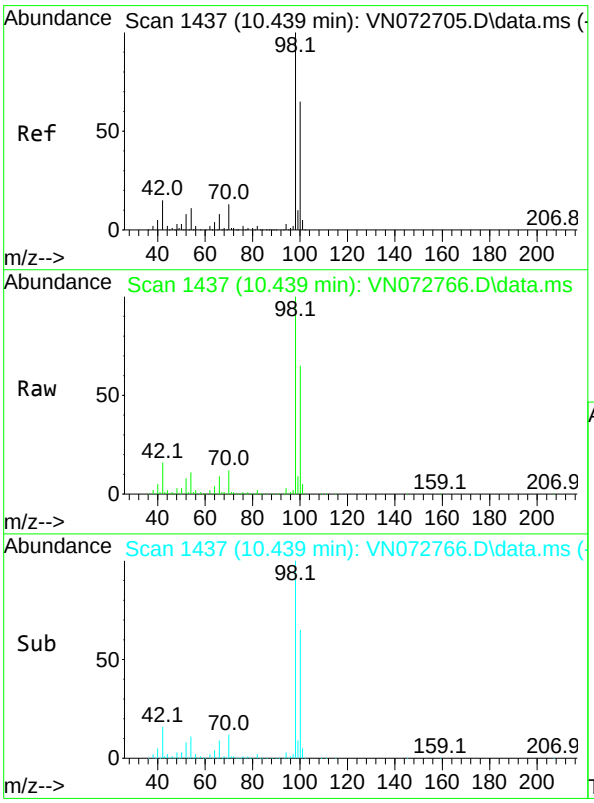

#40
Benzene
Concen: 1.258 ug/l
RT: 8.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion: 78 Resp: 16798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.0 | 19.4 | 29.0 |

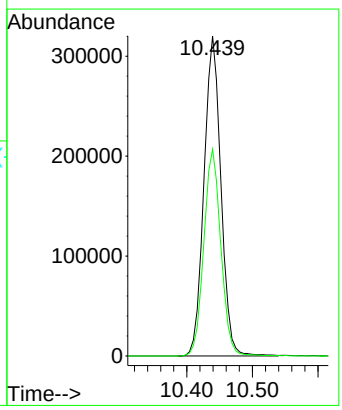


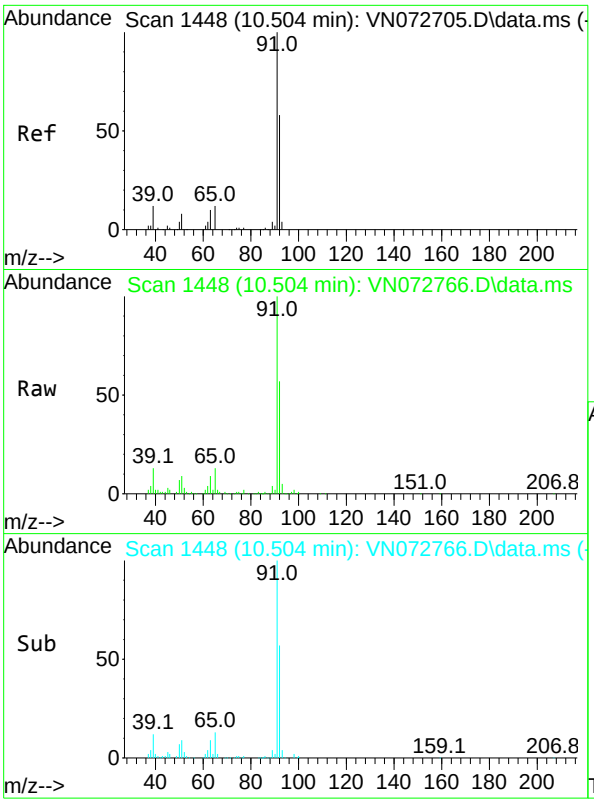




#50
Toluene-d8
Concen: 45.526 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion: 98 Resp: 575643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 52.6 | 78.8 |



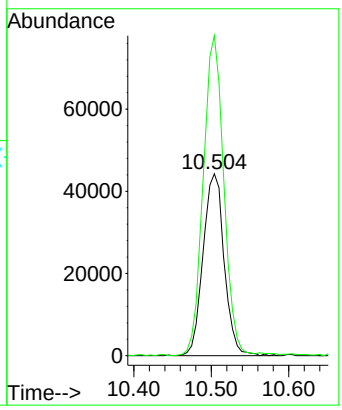


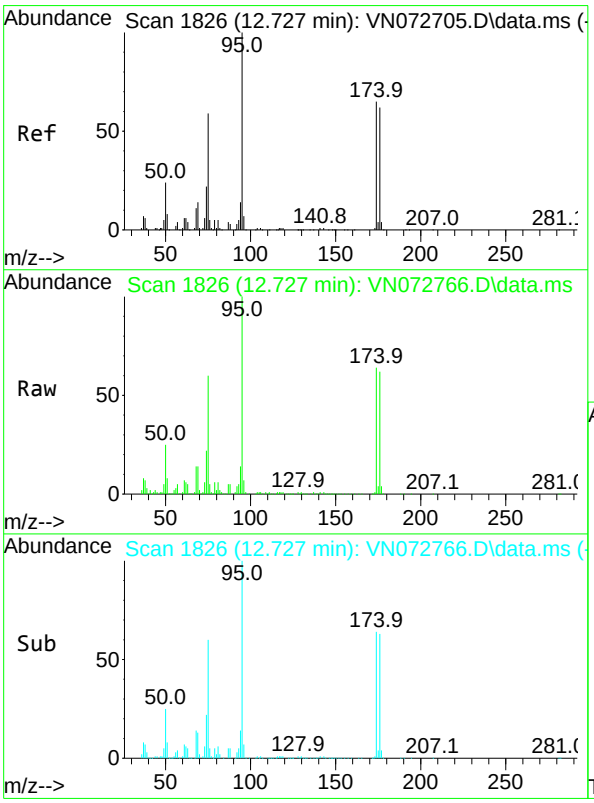

#52
Toluene
Concen: 10.051 ug/l
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion: 92 Resp: 83770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.1 | 138.6 | 207.8 |

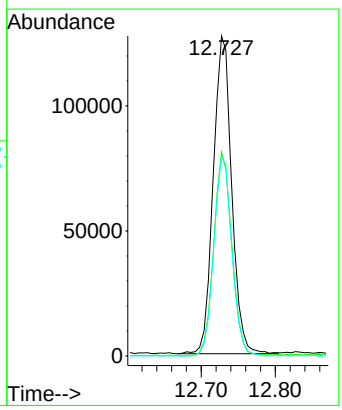


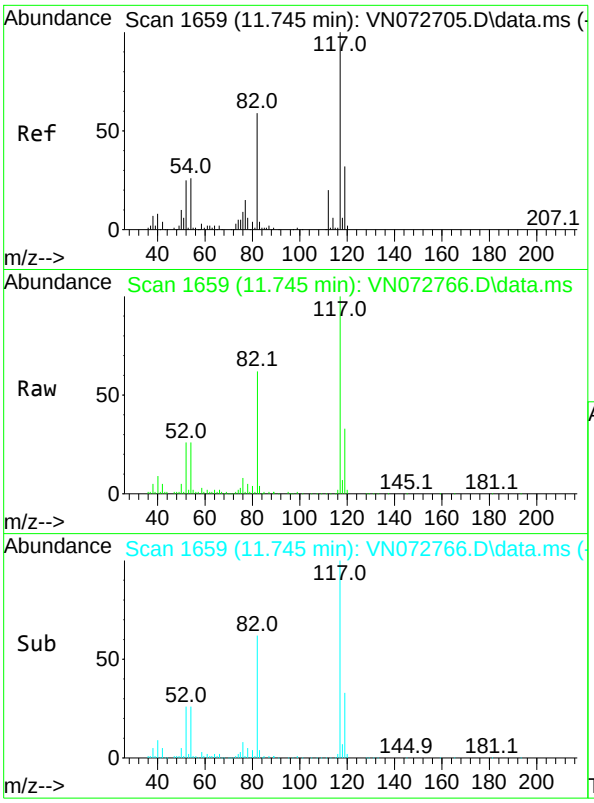




#62
4-Bromofluorobenzene
Concen: 50.519 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion: 95 Resp: 219196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 63.4 | 0.0 | 167.6 |
| 176 | 61.3 | 0.0 | 163.4 |



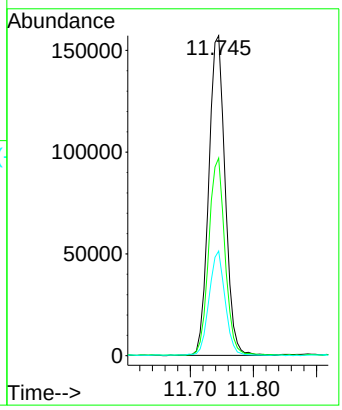


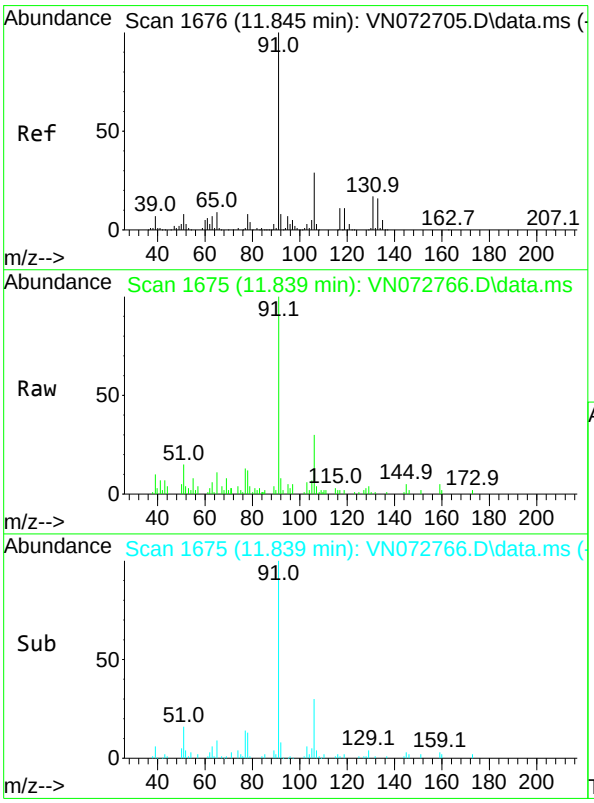

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:117 Resp: 283413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.7 | 44.2 | 66.2 |
| 119 | 32.6 | 25.4 | 38.0 |

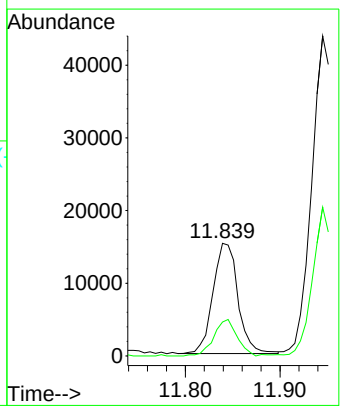


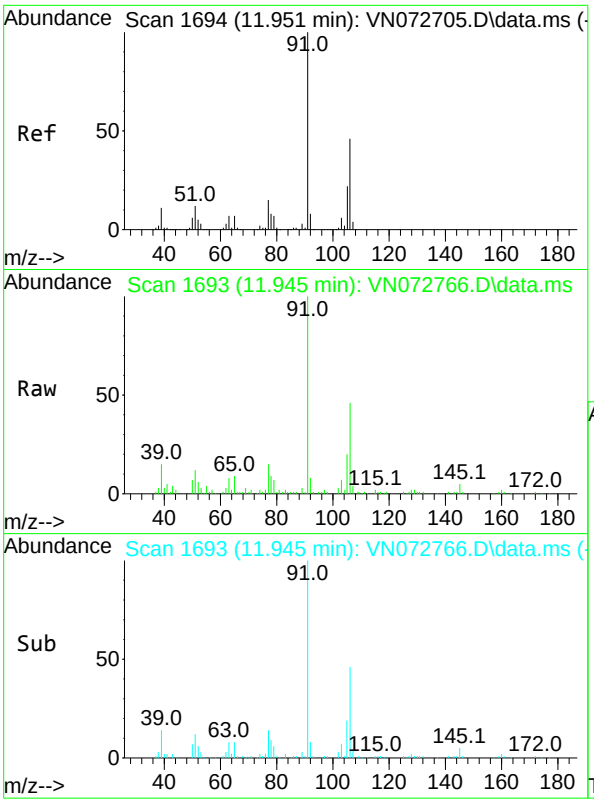




#67
Ethyl Benzene
Concen: 1.950 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion: 91 Resp: 27695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.8 | 24.9 | 37.3 |



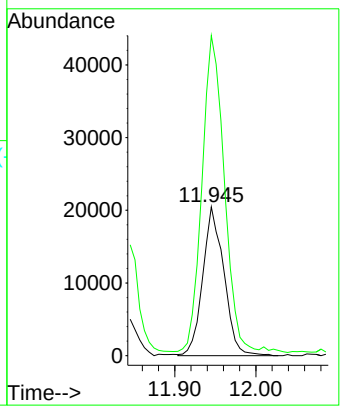


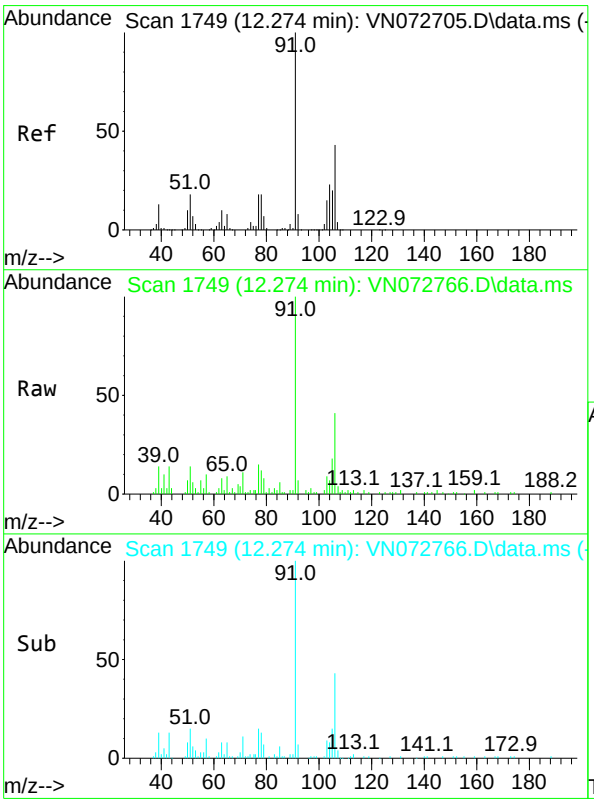

#68
m/p-Xylenes
Concen: 7.350 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:106 Resp: 37089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.9 | 158.9 | 238.3 |

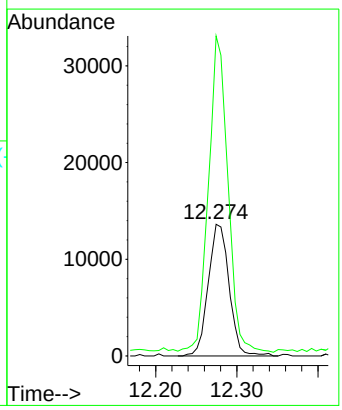


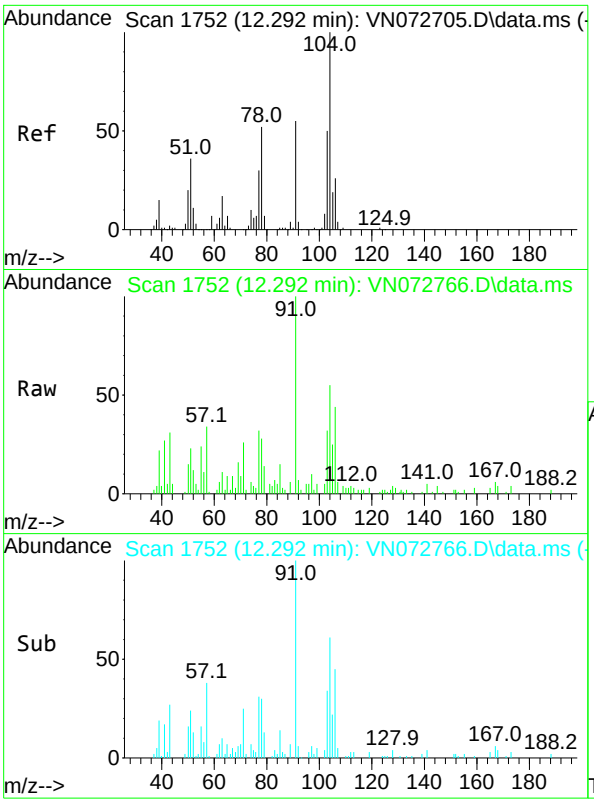




#69
o-Xylene
Concen: 4.798 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion:106 Resp: 24341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.6 | 106.0 | 318.0 |



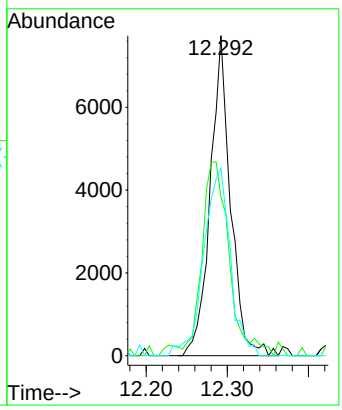


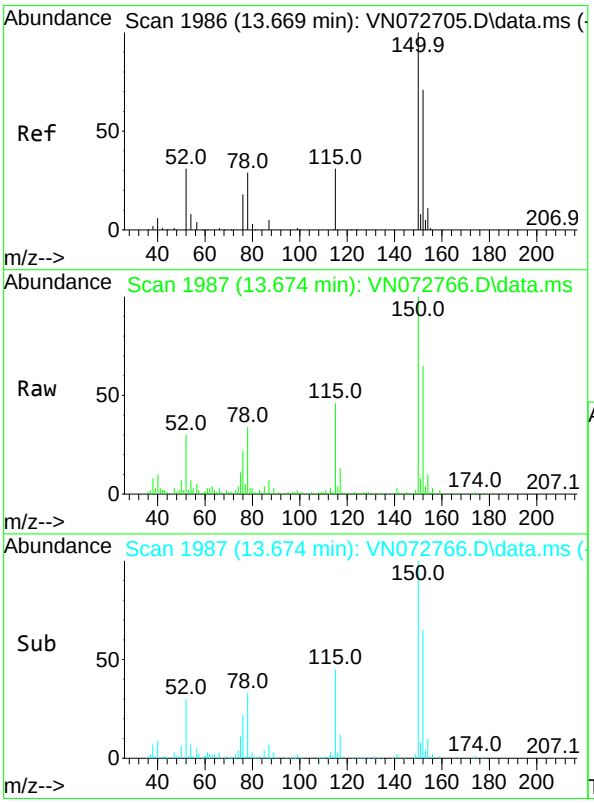

#70
Styrene
Concen: 1.686 ug/l
RT: 12.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:104 Resp: 13440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 80.5 | 39.5 | 59.3# |
| 103 | 76.6 | 44.0 | 66.0# |

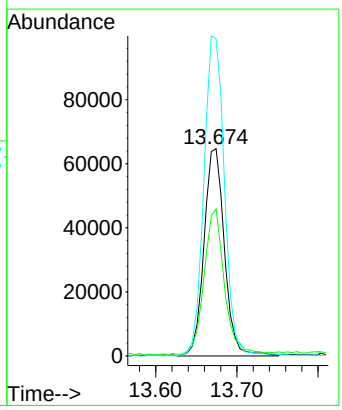


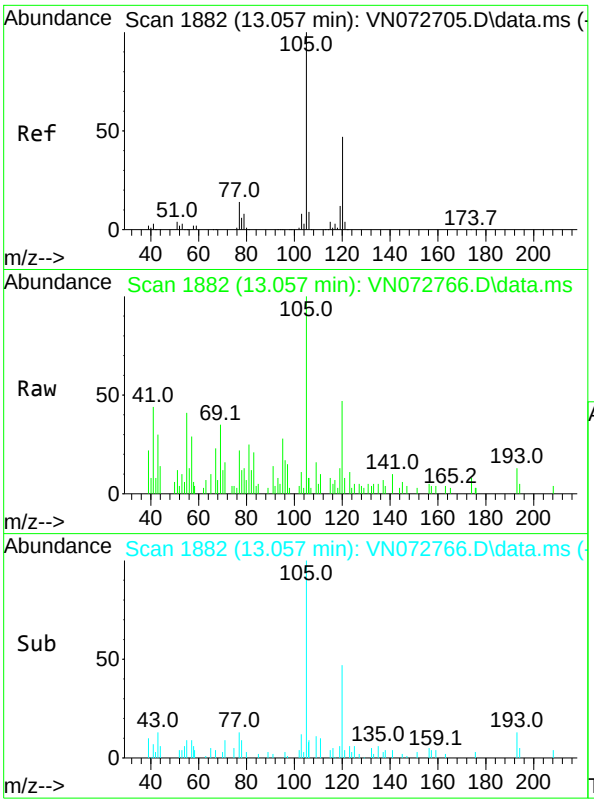




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion:152 Resp: 113063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.0 | 28.9 | 86.7 |
| 150 | 154.9 | 0.0 | 356.2 |



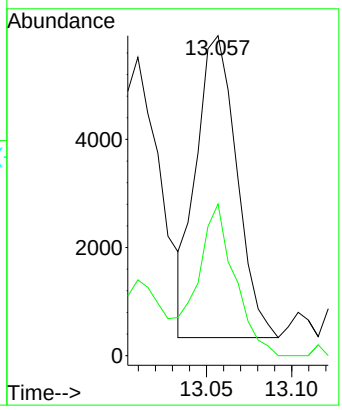


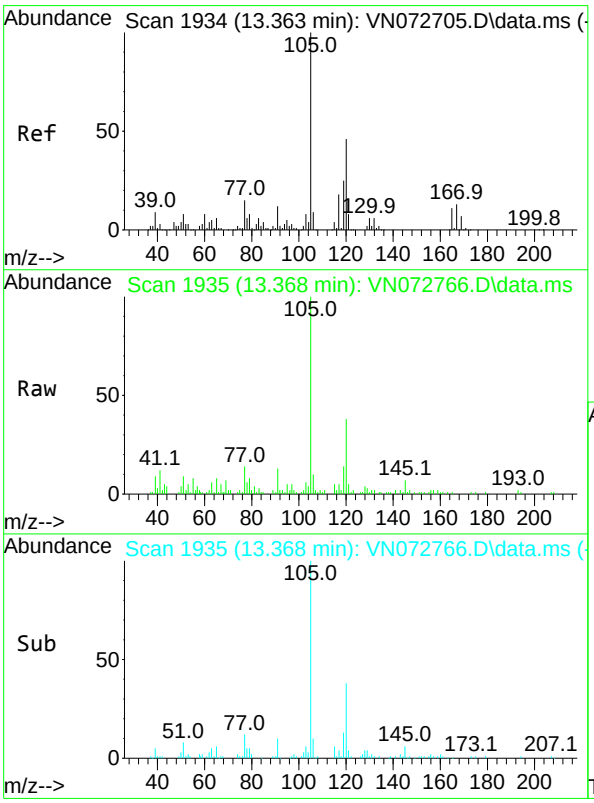

#80
1,3,5-Trimethylbenzene
Concen: 0.959 ug/l
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:105 Resp: 9220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.5 | 24.9 | 74.7 |

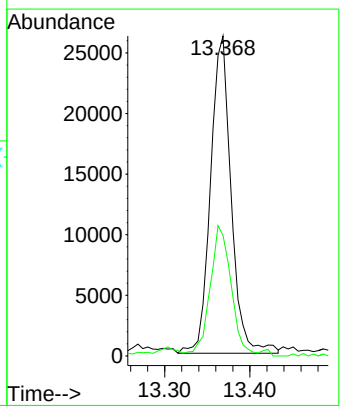


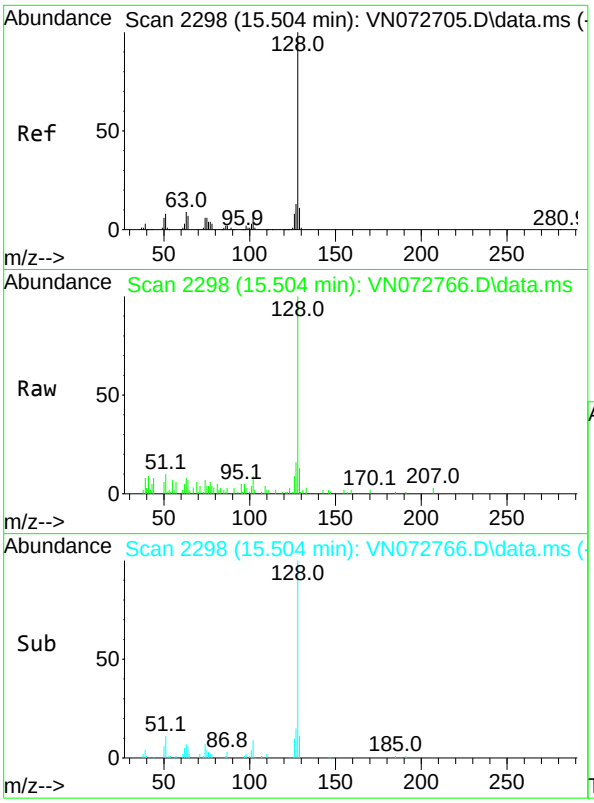




#84
1,2,4-Trimethylbenzene
Concen: 4.797 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

Tgt Ion:105 Resp: 44106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.1 | 23.3 | 69.8 |






#95
Naphthalene
Concen: 4.466 ug/l
RT: 15.504 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN072766.D
Acq: 10 Jun 2022 15:45

**Instrument :**
MSVOA_N
**ClientSampleId :**
40807

Tgt Ion:128 Resp: 33174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 16.2 | 10.3 | 15.5# |
| 129 | 12.1 | 8.6 | 13.0 |