Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
Data File : VN067427.D
Acq On : 21 Jun 2021 19:28
Operator : JC/MD
Sample : M2764-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** PHC-250EM-002

Quant Time: Jun 22 03:13:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.088 | 168 | 285023 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.971 | 114 | 598469 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.749 | 117 | 522493 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152 | 182904 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.442 | 65 | 288076 | 51.234 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 102.460% | | | |
| 35) Dibromofluoromethane | 8.027 | 113 | 187331 | 47.065 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 94.120% | | | |
| 50) Toluene-d8 | 10.446 | 98 | 777520 | 50.966 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 101.940% | | | |
| 62) 4-Bromofluorobenzene | 12.734 | 95 | 275320 | 43.730 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 87.460% | | | |
| Target Compounds | | | | | | Qvalue |
| 4) Vinyl Chloride | 2.443 | 62 | 8173 | 1.927 | ug/l | 100 |
| 16) Acetone | 4.296 | 43 | 61664 | 28.578 | ug/l # | 89 |
| 20) Methylene Chloride | 5.098 | 84 | 25583 | 5.698 | ug/l | 94 |
| 25) 2-Butanone | 7.351 | 43 | 19811 | 6.425 | ug/l | 94 |
| 43) Isopropyl Acetate | 8.566 | 43 | 50615 | 3.967 | ug/l # | 92 |

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

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Operator : JC/MD
Sample : M2764-04
Misc : 5.00mL/MSVOA_N/WATER
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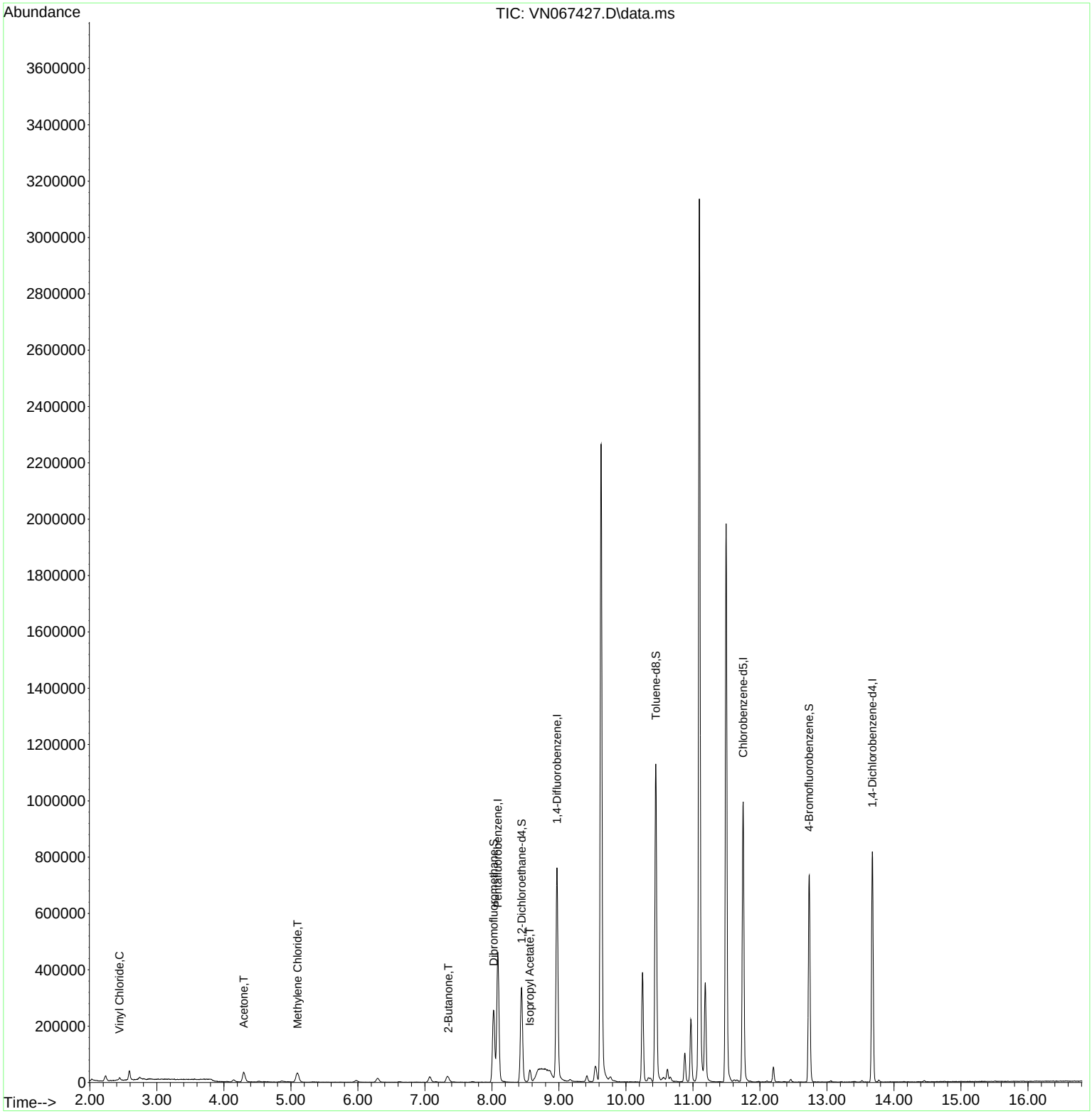
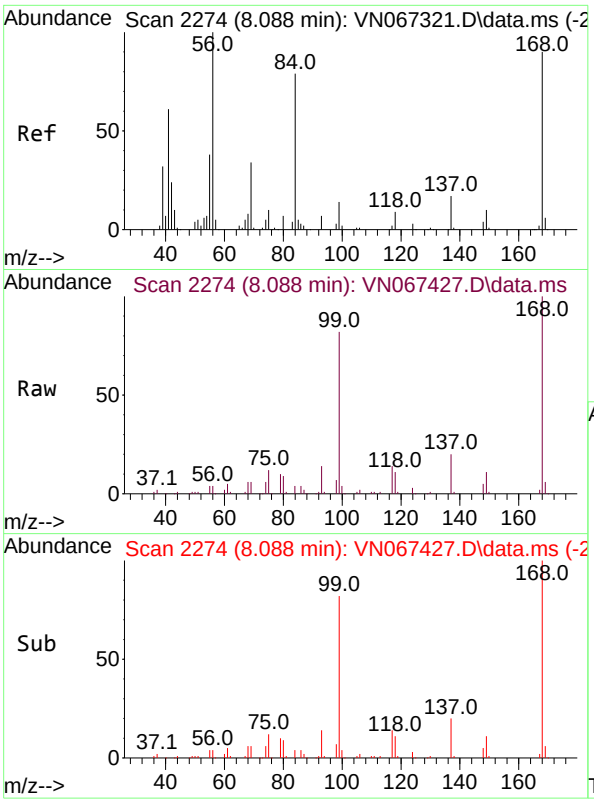
**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002

Quant Time: Jun 22 03:13:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration



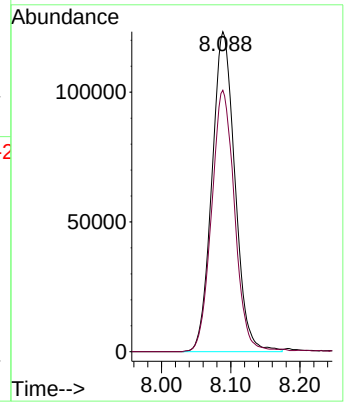
**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002

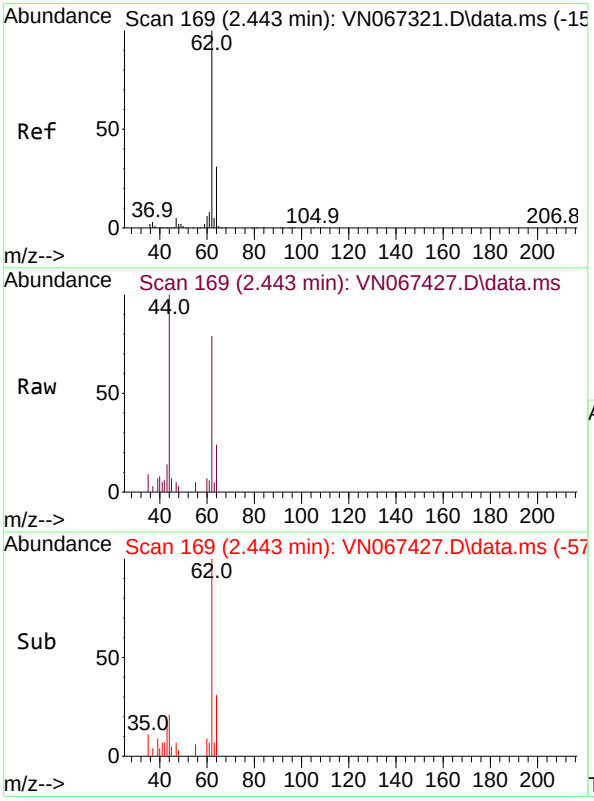



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion:168 Resp: 285023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 81.7 | 62.9 | 94.3 |

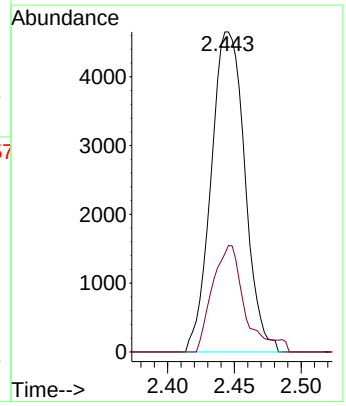


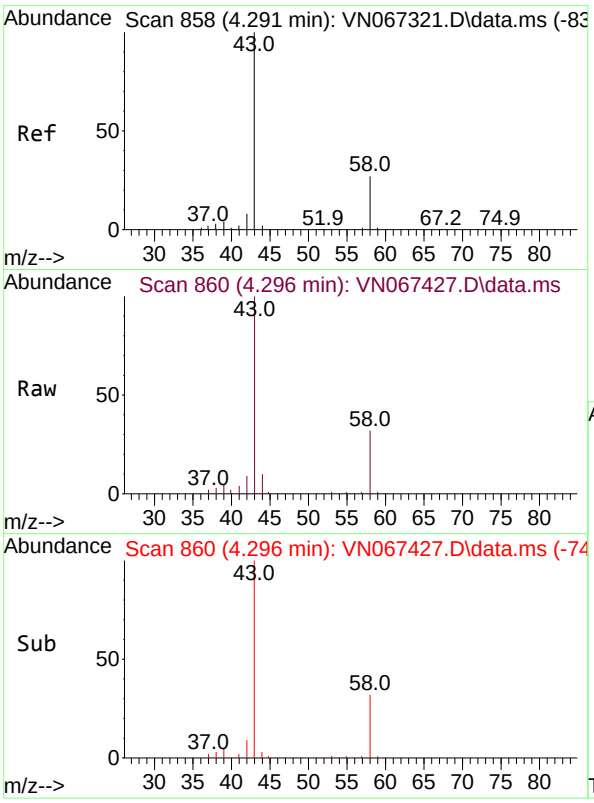

#4
Vinyl Chloride
Concen: 1.927 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 62 Resp: 8173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.7 | 24.4 | 36.6 |



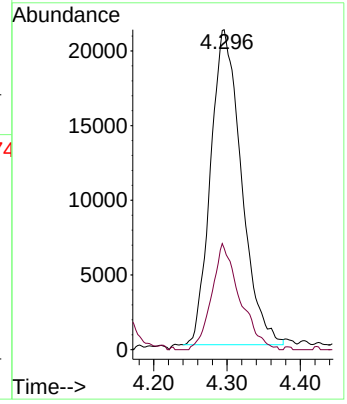
**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002

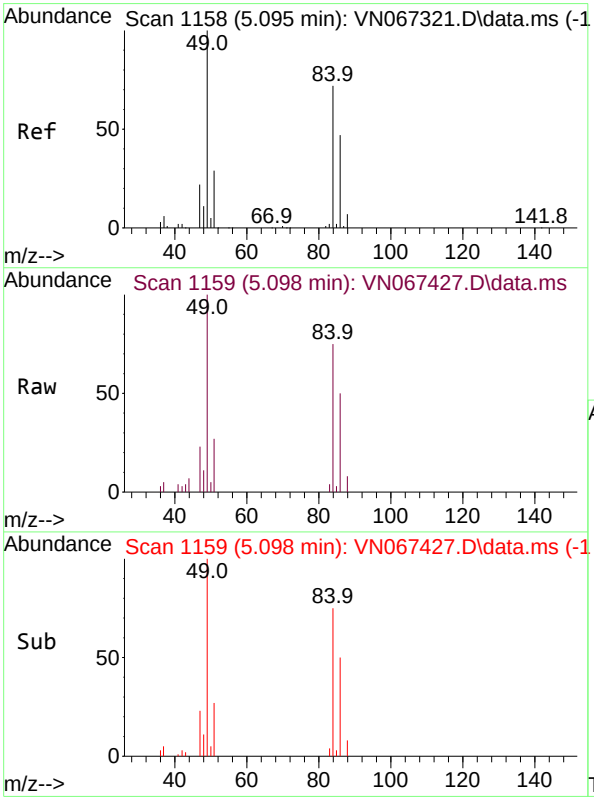



#16
Acetone
Concen: 28.578 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 43 Resp: 61664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.2 | 21.2 | 31.8# |

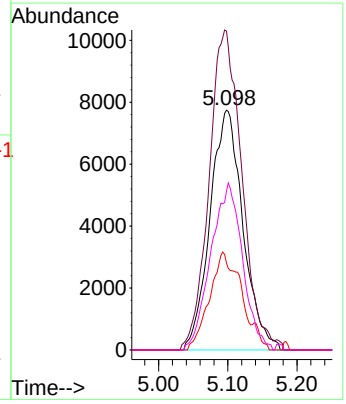


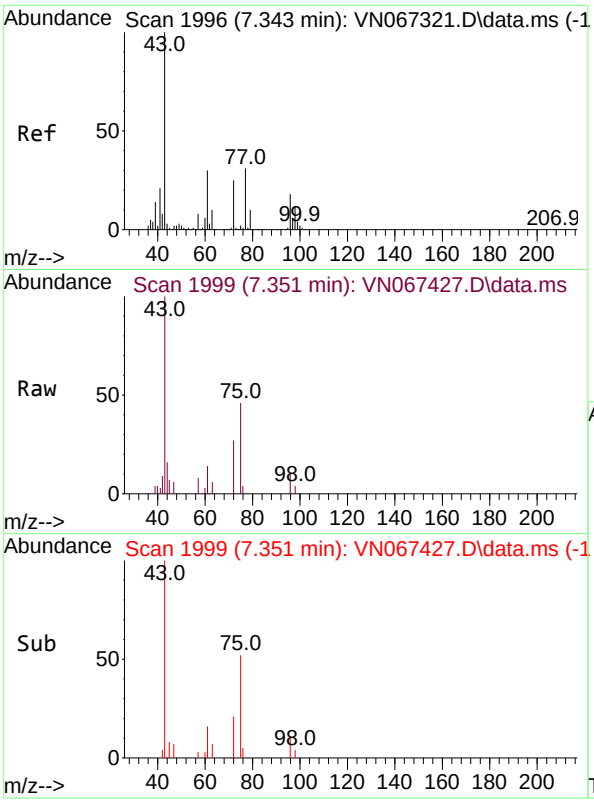

#20
Methylene Chloride
Concen: 5.698 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 84 Resp: 25583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 130.8 | 110.9 | 166.3 |
| 51 | 36.1 | 32.6 | 49.0 |
| 86 | 66.2 | 51.6 | 77.4 |



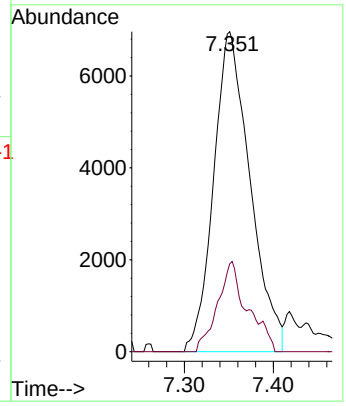
**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002

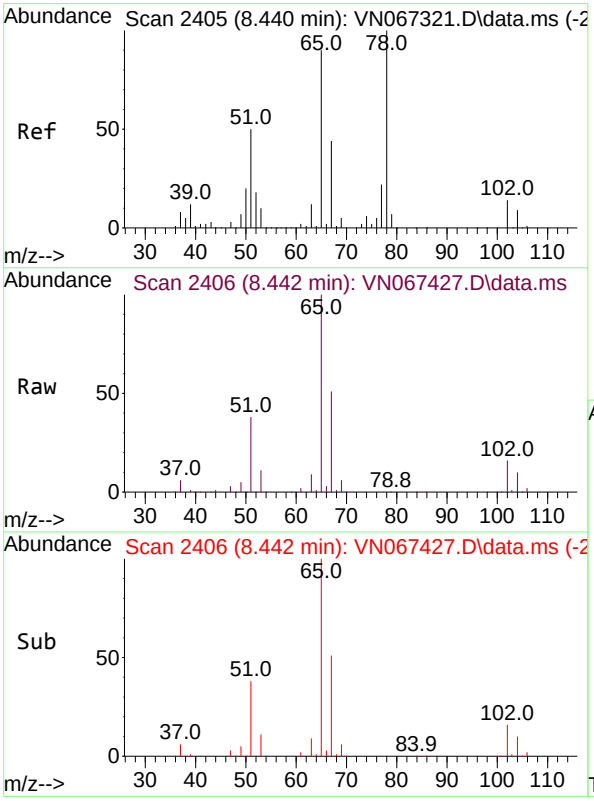



#25
2-Butanone
Concen: 6.425 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 43 Resp: 19811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.5 | 19.7 | 29.5 |

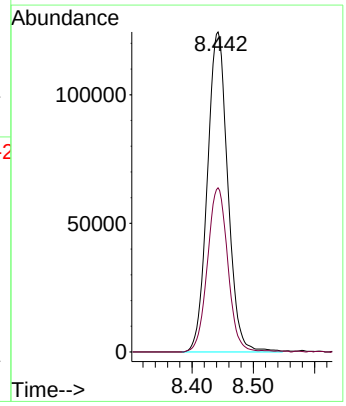


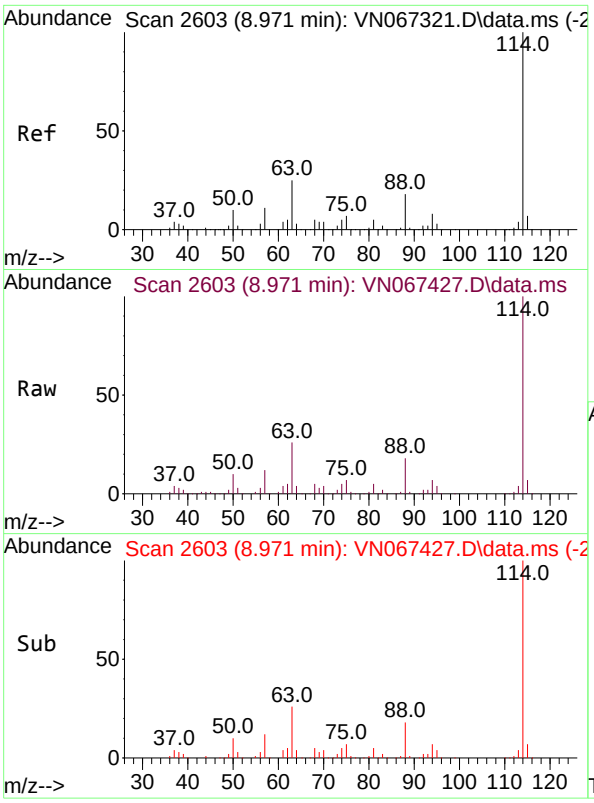

#33
1,2-Dichloroethane-d4
Concen: 51.234 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 65 Resp: 288076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 98.6 |



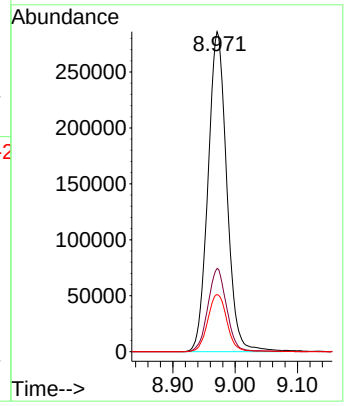
**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002

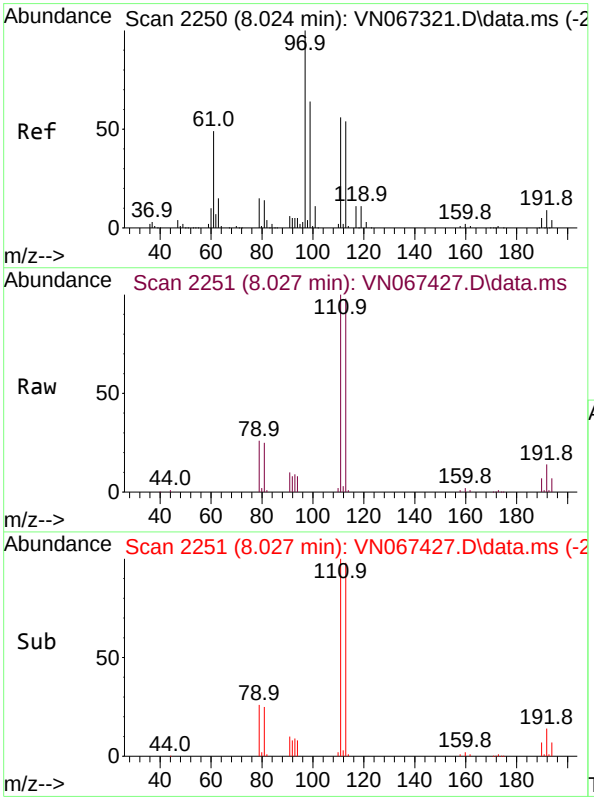



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion:114 Resp: 598469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.0 | 0.0 | 49.0 |
| 88 | 17.8 | 0.0 | 36.6 |

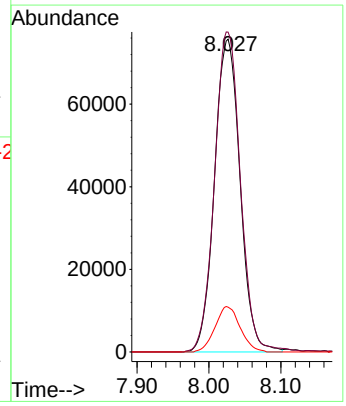


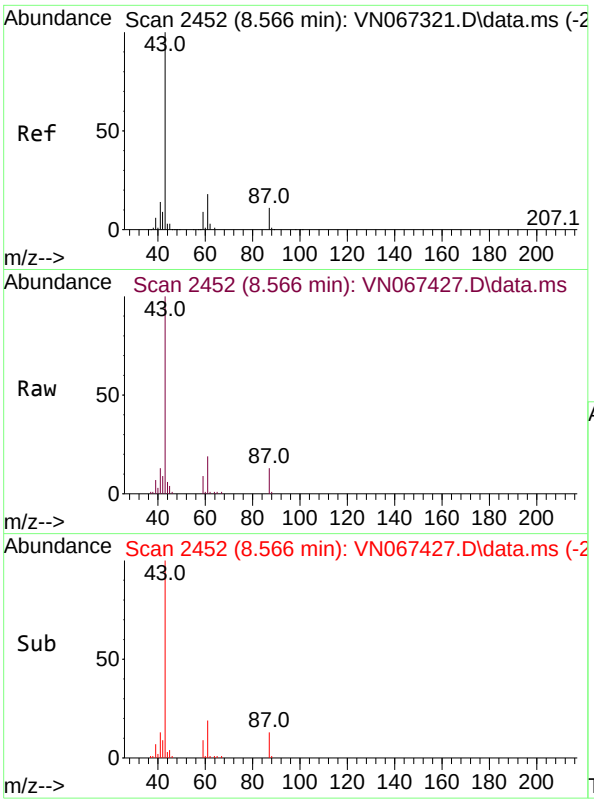




#35
Dibromofluoromethane
Concen: 47.065 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion:113 Resp: 187331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 83.8 | 125.8 |
| 192 | 14.3 | 13.4 | 20.0 |

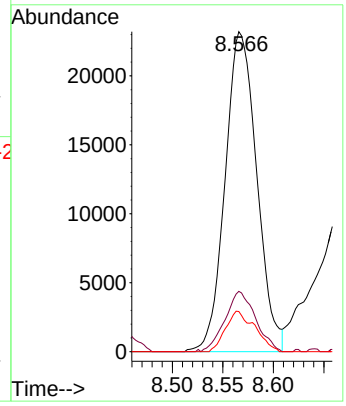




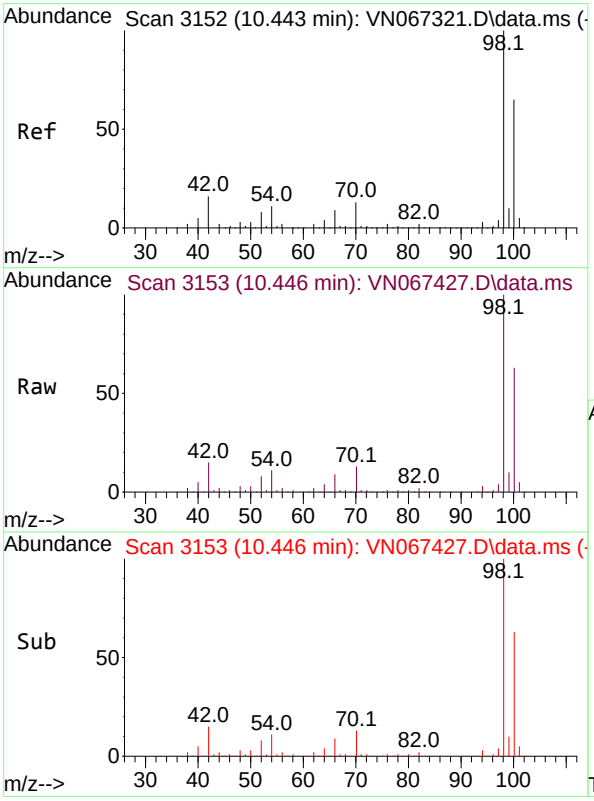

#43
Isopropyl Acetate
Concen: 3.967 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 43 Resp: 50615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.2 | 19.0 | 28.4# |
| 87 | 11.7 | 9.5 | 14.3 |



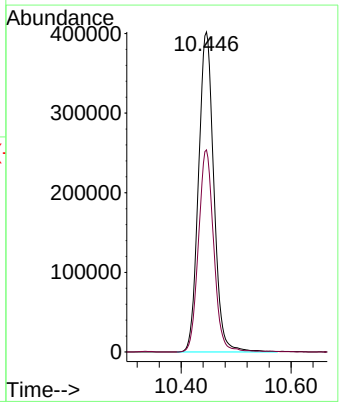

**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002




#50
Toluene-d8
Concen: 50.966 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 98 Resp: 777520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.8 | 51.7 | 77.5 |



**Instrument :**
MSVOA_N
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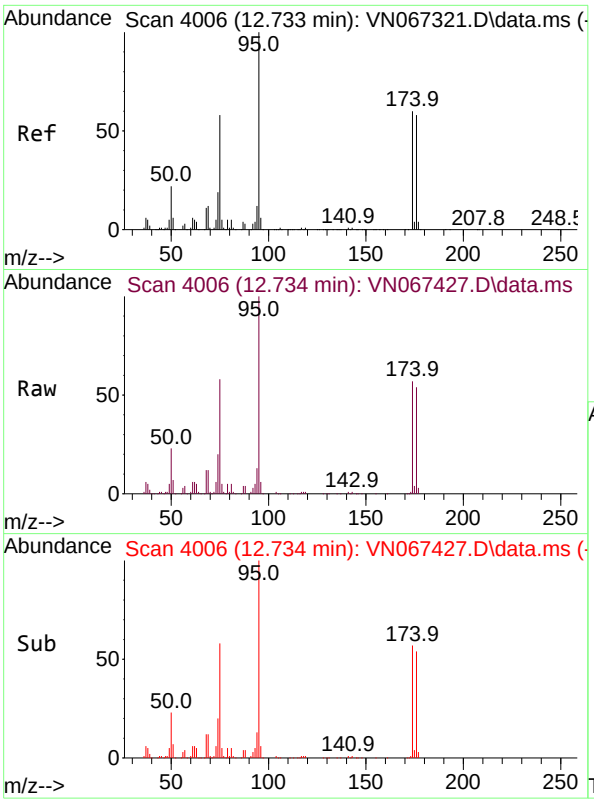
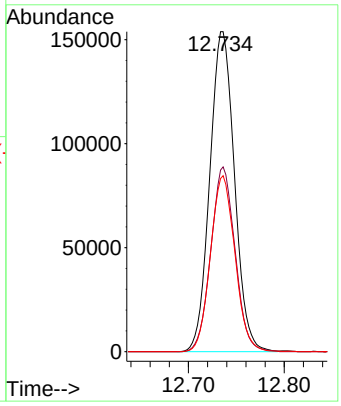
PHC-250EM-002

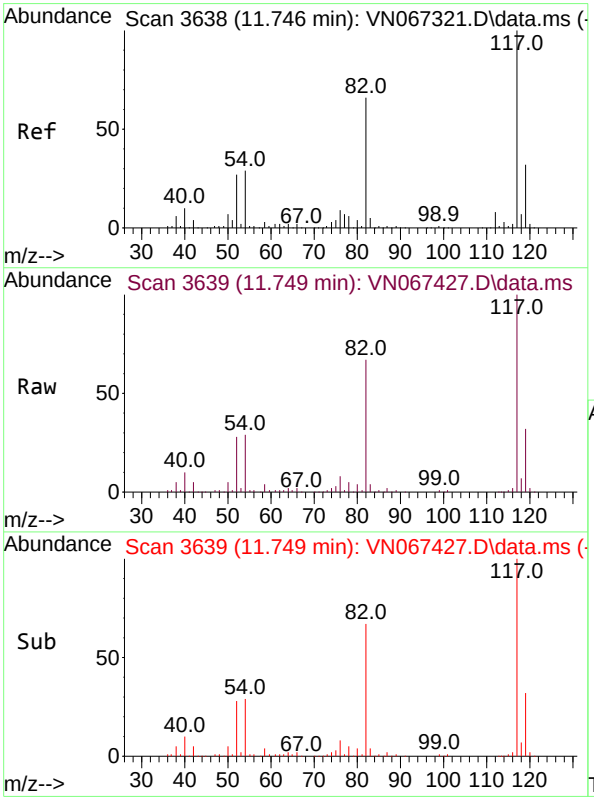



#62
4-Bromofluorobenzene
Concen: 43.730 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 95 Resp: 275320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 56.6 | 0.0 | 122.0 |
| 176 | 54.6 | 0.0 | 117.6 |

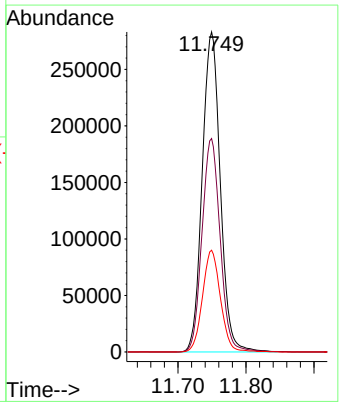


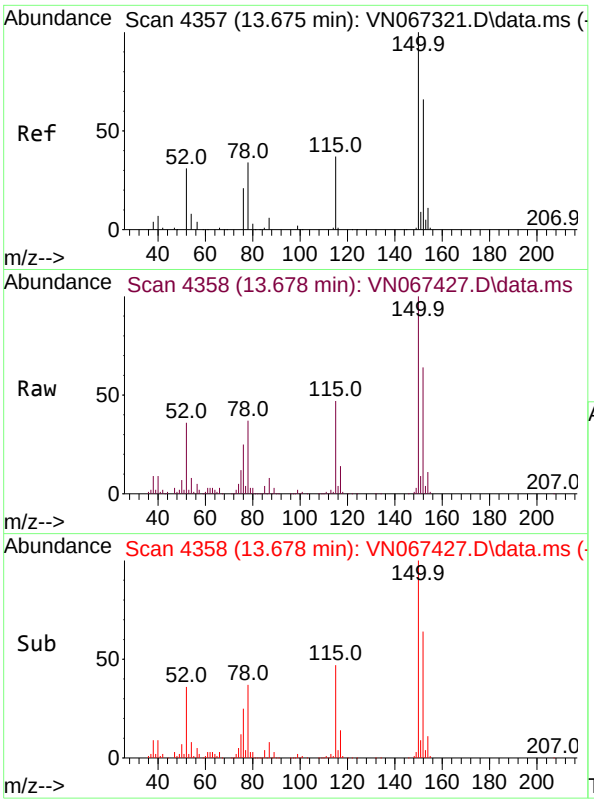




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion:117 Resp: 522493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 66.7 | 53.1 | 79.7 |
| 119 | 31.8 | 25.5 | 38.3 |

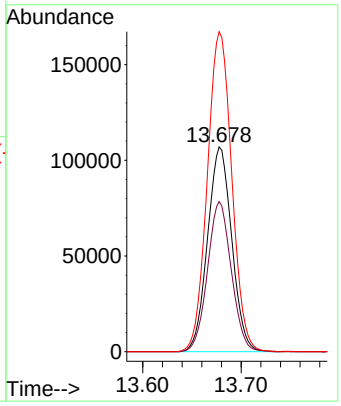





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067427.D
Acq: 21 Jun 2021 19:28

Tgt Ion:152 Resp: 182904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 72.1 | 36.1 | 108.5 |
| 150 | 157.8 | 0.0 | 351.8 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
PHC-250EM-002