Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
Data File : VN076582.D
Acq On : 08 Feb 2023 16:10
Operator : JC\MD
Sample : 01418-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Quant Time: Feb 09 00:50:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.233 | 168 | 512497 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.104 | 114 | 836086 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.868 | 117 | 799032 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.792 | 152 | 326271 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.586 | 65 | 241076 | 39.854 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 79.700% | | | |
| 35) Dibromofluoromethane | 8.175 | 113 | 235297 | 45.272 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 90.540% | | | |
| 50) Toluene-d8 | 10.569 | 98 | 1016044 | 51.964 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 103.920% | | | |
| 62) 4-Bromofluorobenzene | 12.851 | 95 | 393925 | 57.187 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 114.380% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.445 | 43 | 49530 | 24.836 | ug/l | 97 |
| 20) Methylene Chloride | 5.298 | 84 | 17731 | 2.884 | ug/l # | 86 |
| 37) Ethyl Acetate | 7.575 | 43 | 39427 | 7.092 | ug/l # | 91 |
| 43) Isopropyl Acetate | 8.692 | 43 | 238816 | 25.815 | ug/l # | 89 |

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

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Sample : 01418-02
Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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JPP-16-020223

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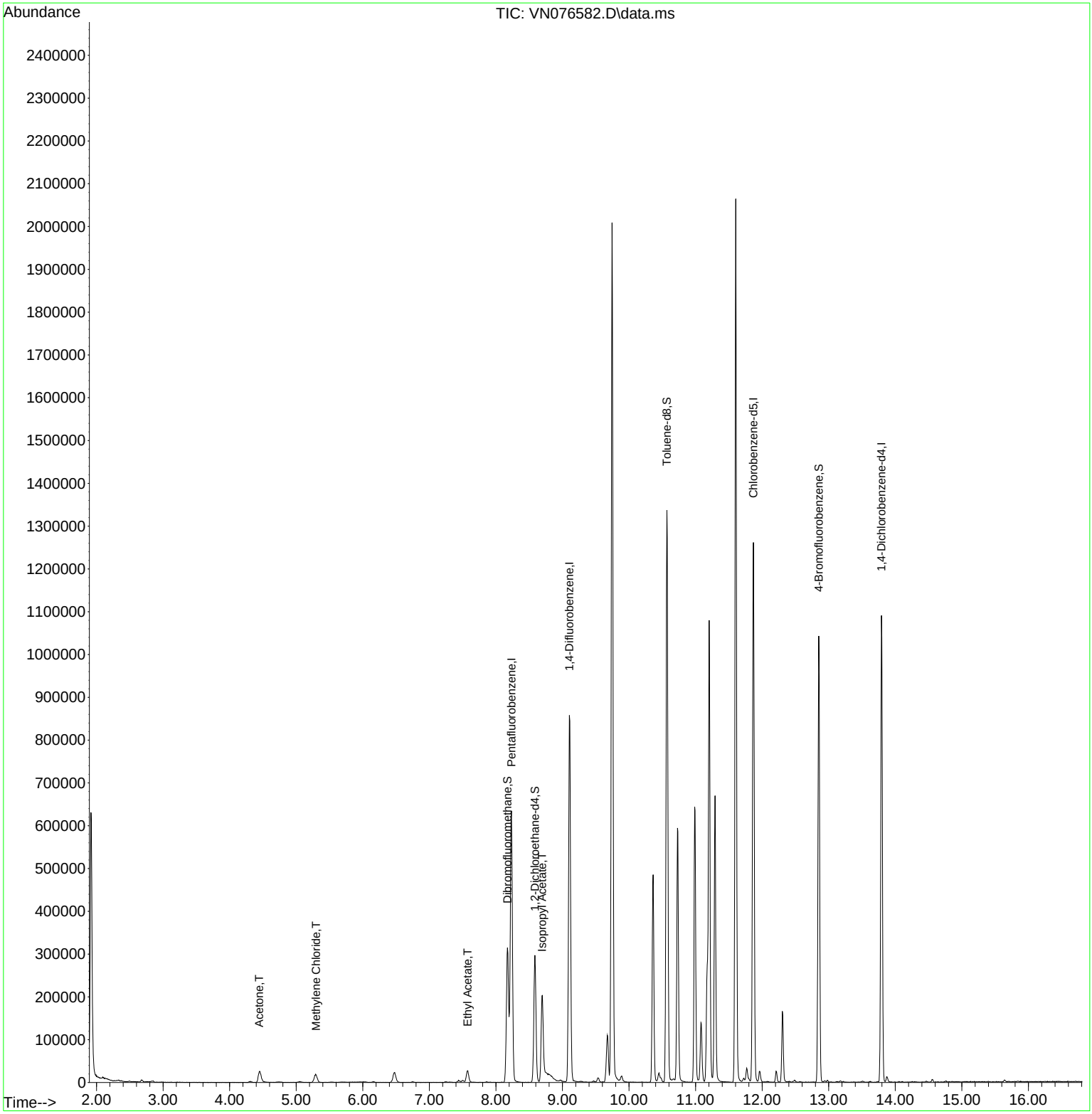
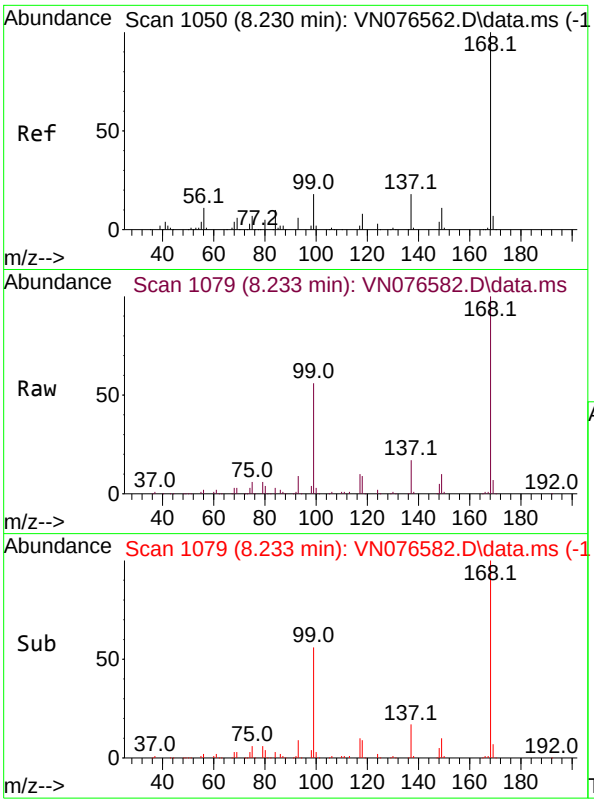
Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration



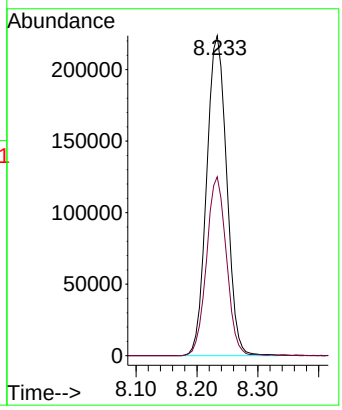


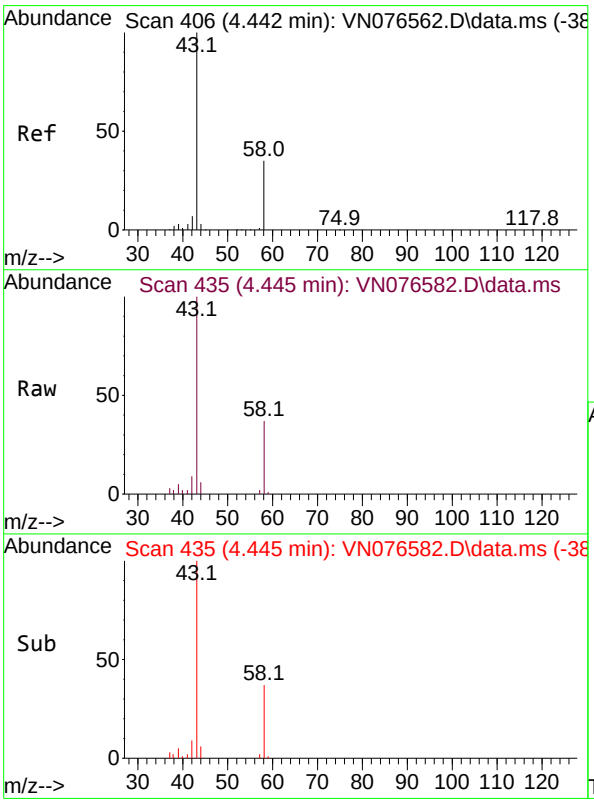

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion:168 Resp: 512497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.9 | 47.8 | 71.8 |

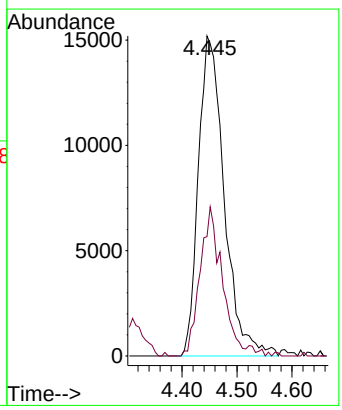


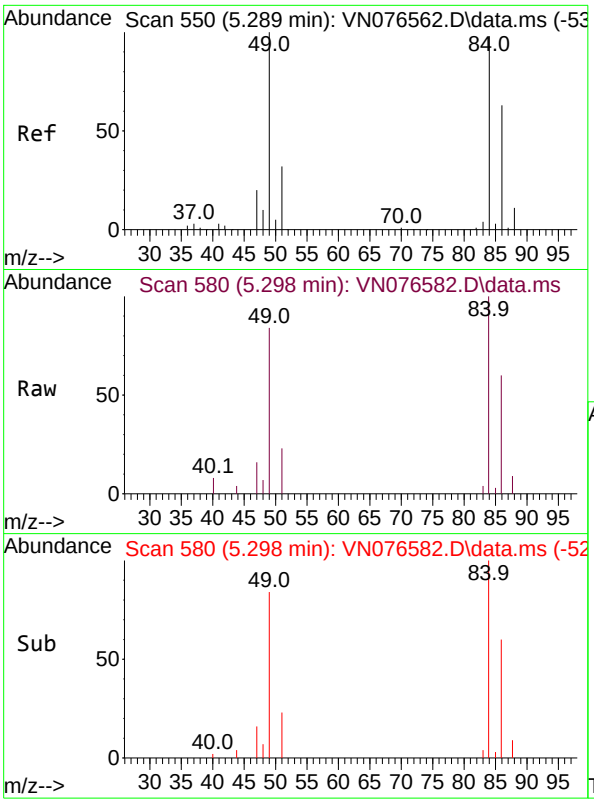




#16
Acetone
Concen: 24.836 ug/l
RT: 4.445 min Scan# 435
Delta R.T. 0.003 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion: 43 Resp: 49530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 28.4 | 42.6 |



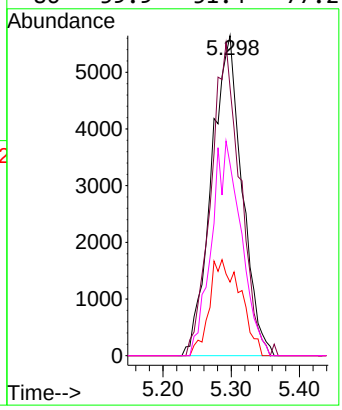


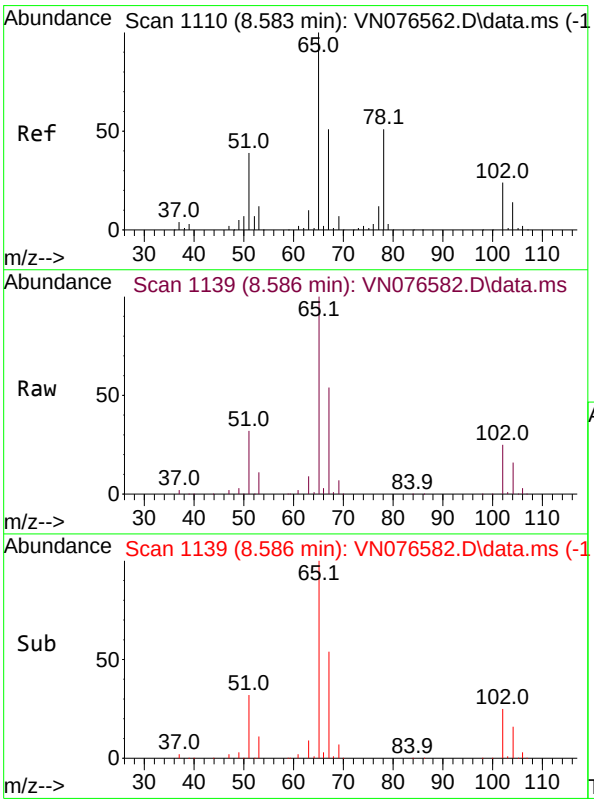

#20
Methylene Chloride
Concen: 2.884 ug/l
RT: 5.298 min Scan# 5
Delta R.T. 0.009 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion: 84 Resp: 17731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 83.8 | 82.0 | 123.0 |
| 51 | 23.0 | 26.0 | 39.0# |
| 86 | 59.9 | 51.4 | 77.2 |

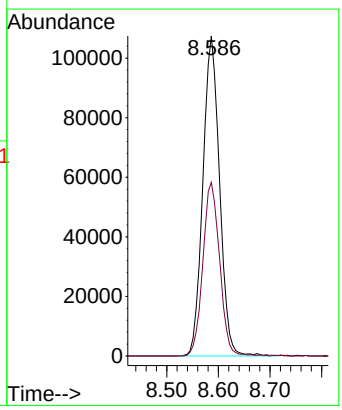


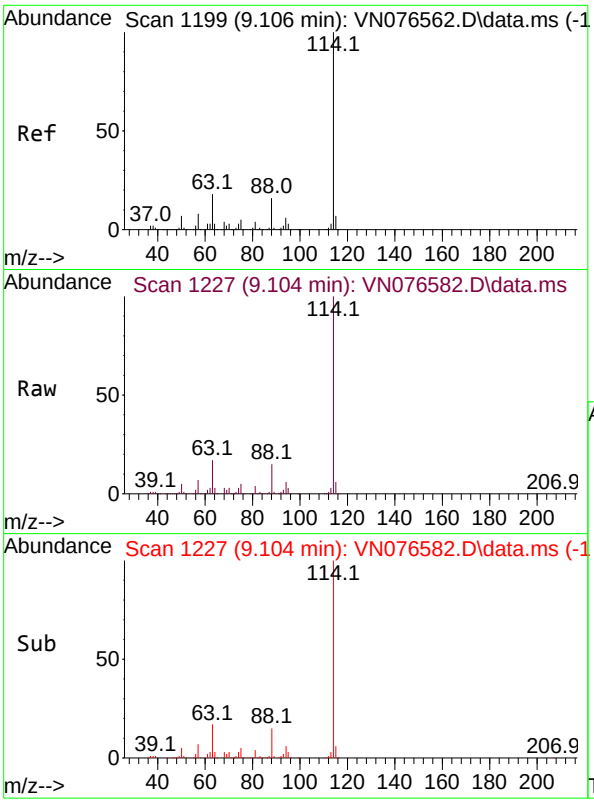




#33
1,2-Dichloroethane-d4
Concen: 39.854 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion: 65 Resp: 241076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 105.4 |



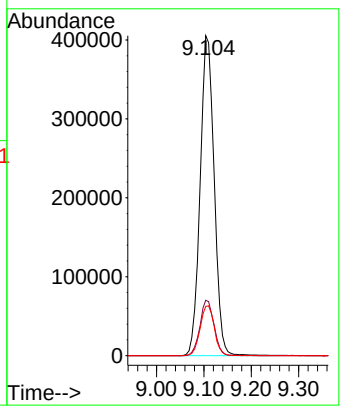


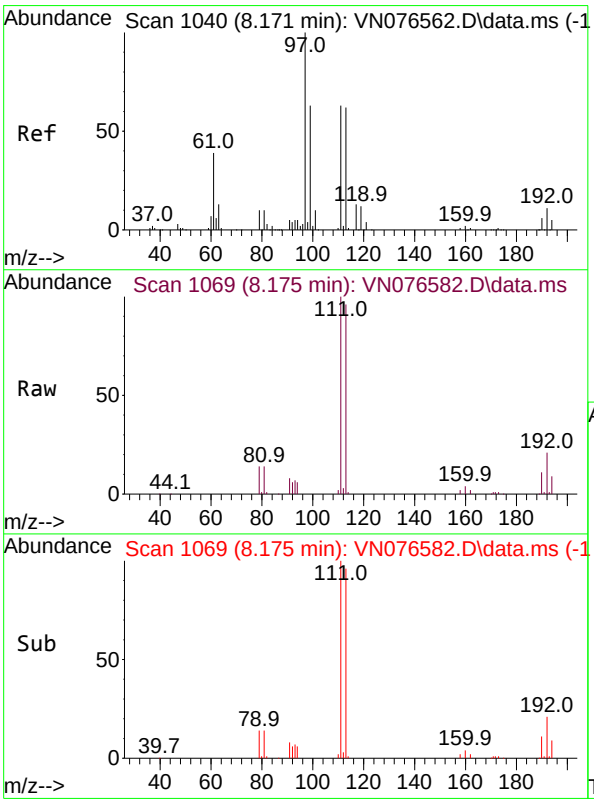

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion:114 Resp: 836086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.3 | 0.0 | 36.6 |
| 88 | 15.4 | 0.0 | 32.0 |

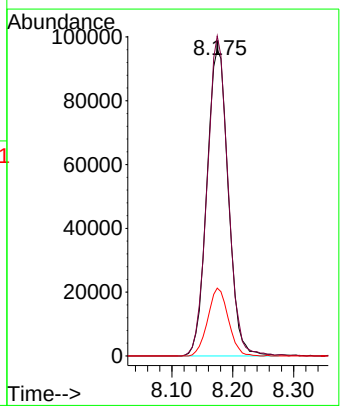


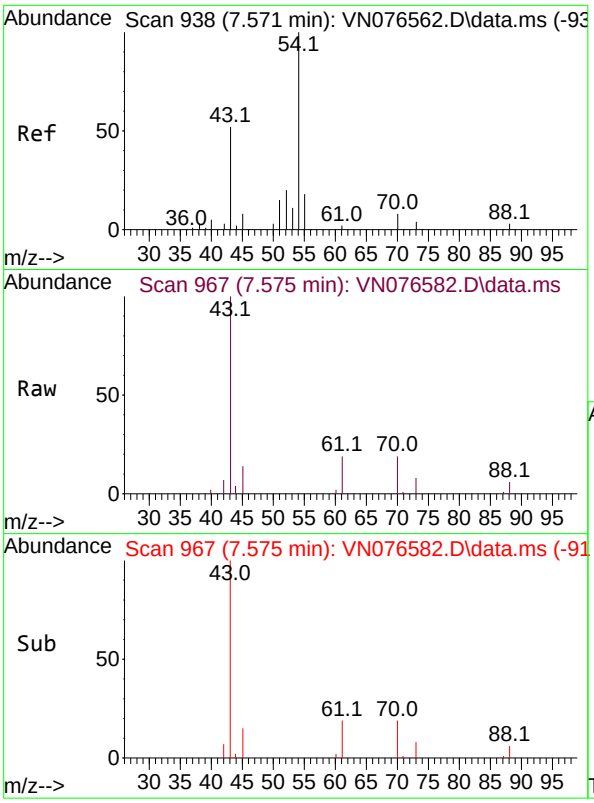




#35
Dibromofluoromethane
Concen: 45.272 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. 0.004 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion:113 Resp: 235297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.5 | 82.0 | 123.0 |
| 192 | 21.2 | 14.8 | 22.2 |



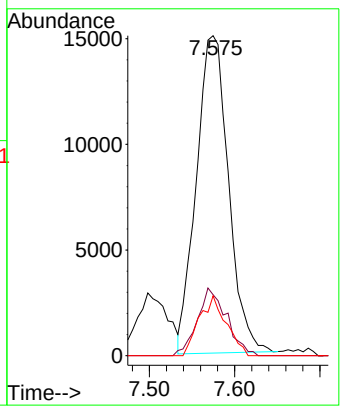


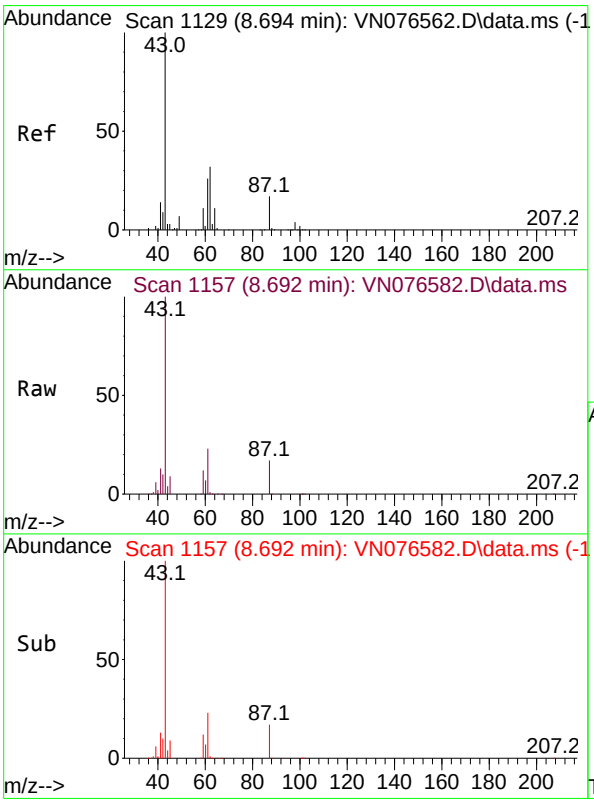

#37
Ethyl Acetate
Concen: 7.092 ug/l
RT: 7.575 min Scan# 9
Delta R.T. 0.004 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion: 43 Resp: 39427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.4 | 11.8 | 17.6# |
| 70 | 15.9 | 10.4 | 15.6# |

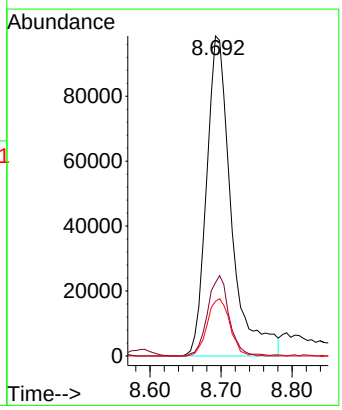


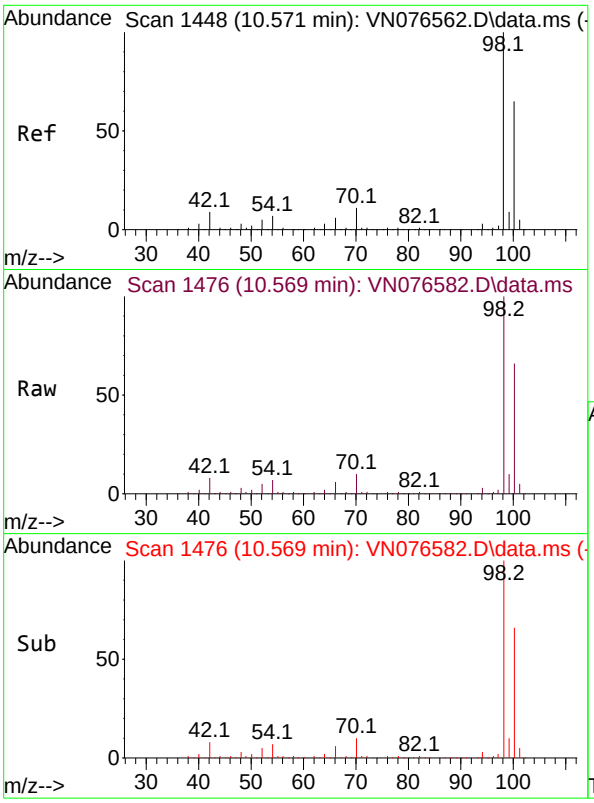




#43
Isopropyl Acetate
Concen: 25.815 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion: 43 Resp: 238816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.7 | 24.5 | 36.7# |
| 87 | 16.3 | 13.6 | 20.4 |



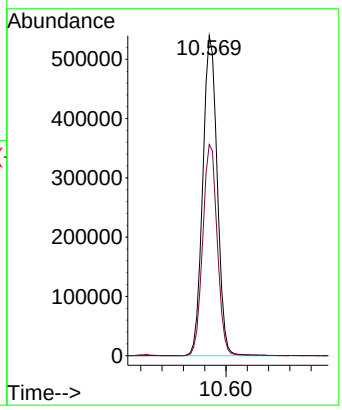


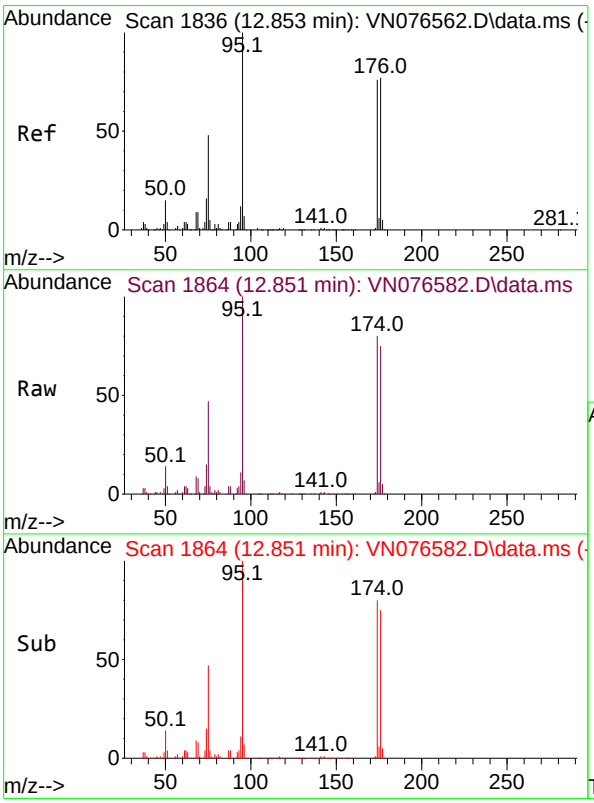

#50
Toluene-d8
Concen: 51.964 ug/l
RT: 10.569 min Scan# 14
Delta R.T. -0.002 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion: 98 Resp: 1016044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.4 | 52.9 | 79.3 |

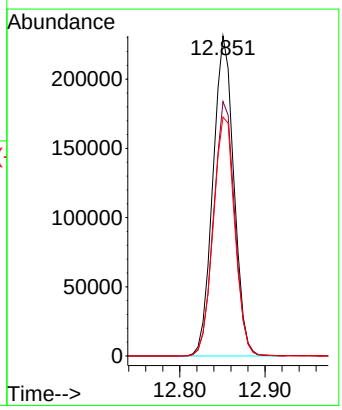


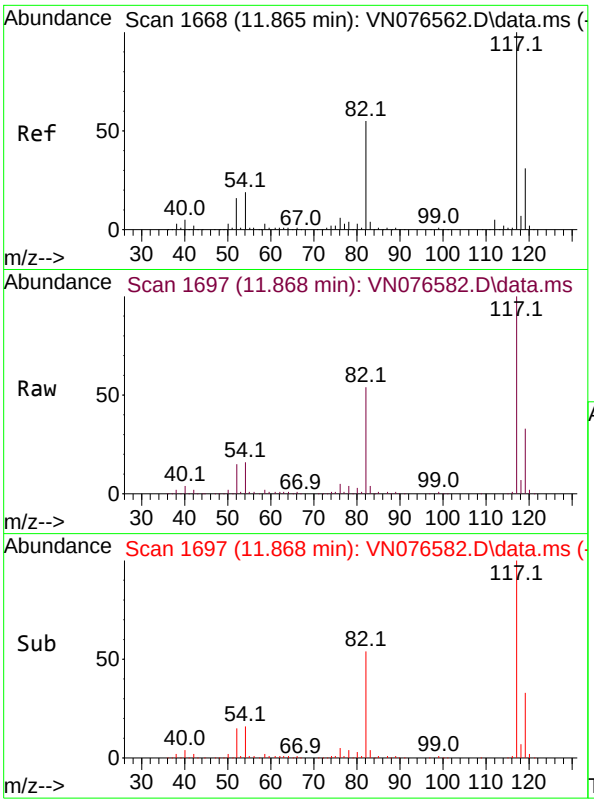




#62
4-Bromofluorobenzene
Concen: 57.187 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion: 95 Resp: 393925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.2 | 0.0 | 154.0 |
| 176 | 76.9 | 0.0 | 152.0 |



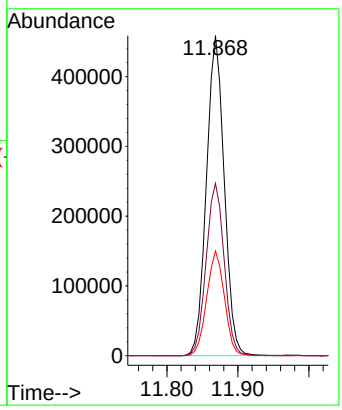


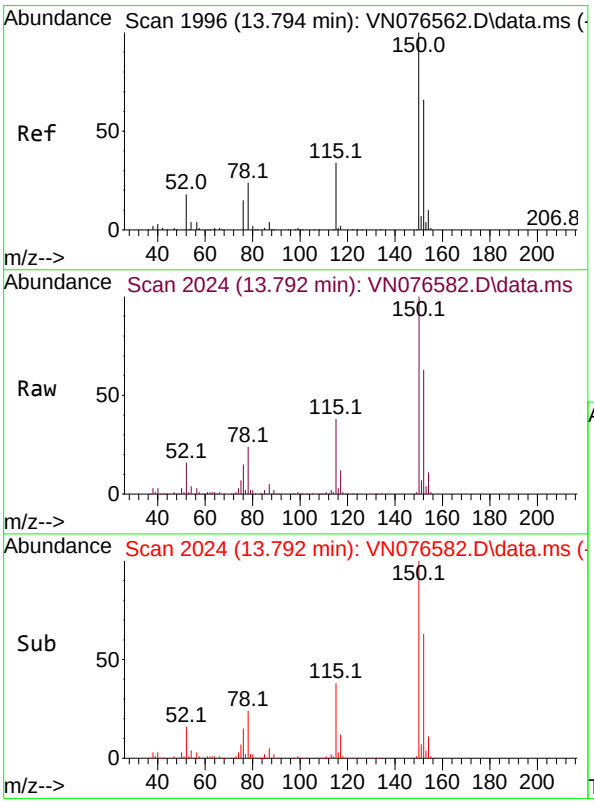

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.868 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
JPP-16-020223

Tgt Ion:117 Resp: 799032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.8 | 44.2 | 66.4 |
| 119 | 32.7 | 25.1 | 37.7 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 2024
Delta R.T. -0.002 min
Lab File: VN076582.D
Acq: 08 Feb 2023 16:10

Tgt Ion:152 Resp: 326271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.3 | 30.8 | 92.3 |
| 150 | 159.2 | 0.0 | 348.8 |