Quantitation Report (Not Reviewed)

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076951.D
Acq On    : 13 Mar 2023  10:44
Operator  : JC\MD
Sample    : VN0313MBL01
Misc      : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 14 06:58:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title  : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration
```

**Instrument :** MSVOA_N
**ClientSampleId :** VN0313MBL01

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| **Internal Standards** | | | | | |
| 1) Pentafluorobenzene | 8.231 | 168 | 389067 | 50.000 ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.107 | 114 | 648686 | 50.000 ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.871 | 117 | 546725 | 50.000 ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152 | 221848 | 50.000 ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.583 | 65 | 263663 | 45.413 ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = | 90.820% | |
| 35) Dibromofluoromethane | 8.172 | 113 | 200227 | 46.314 ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 92.620% | |
| 50) Toluene-d8 | 10.572 | 98 | 751204 | 47.147 ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = | 94.300% | |
| 62) 4-Bromofluorobenzene | 12.854 | 95 | 262258 | 45.000 ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 90.000% | |
| **Target Compounds** | | | | | Qvalue |
| 5) Bromomethane | 2.984 | 94 | 1713 | 0.662 ug/l # | 69 |
| 10) Methyl Iodide | 4.595 | 142 | 2711 | 0.555 ug/l # | 77 |
| 11) Tert butyl alcohol | 5.525 | 59 | 488 | 0.604 ug/l # | 72 |
| 13) Acrolein | 4.196 | 56 | 540 | 0.744 ug/l | 96 |
| 15) Acrylonitrile | 5.760 | 53 | 1684 | 0.738 ug/l # | 36 |
| 16) Acetone | 4.460 | 43 | 1582 | 0.786 ug/l # | 40 |
| 17) Carbon Disulfide | 4.731 | 76 | 4227 | 0.355 ug/l # | 73 |
| 25) 2-Butanone | 7.495 | 43 | 882 | 0.308 ug/l # | 39 |
| 31) Cyclohexane | 8.231 | 56 | 7945 | 0.954 ug/l # | 12 |
| 36) 1,1-Dichloropropene | 8.231 | 75 | 30415 | 4.549 ug/l # | 51 |
| 38) Carbon Tetrachloride | 8.231 | 117 | 43324 | 5.536 ug/l # | 15 |
| 43) Isopropyl Acetate | 8.766 | 43 | 2196 | 0.233 ug/l # | 48 |
| 51) 4-Methyl-2-Pentanone | 10.454 | 43 | 1503 | 0.265 ug/l # | 79 |
| 52) Toluene | 10.636 | 92 | 3715 | 0.306 ug/l | 91 |
| 59) 2-Hexanone | 11.201 | 43 | 2992 | 0.724 ug/l | 83 |
| 65) Chlorobenzene | 11.895 | 112 | 3125 | 0.256 ug/l | 89 |
| 68) m/p-Xylenes | 12.066 | 106 | 3190 | 0.377 ug/l # | 1 |
| 70) Styrene | 12.413 | 104 | 2664 | 0.201 ug/l | 86 |
| 74) N-amyl acetate | 12.495 | 43 | 1382 | 0.211 ug/l # | 82 |
| 76) 1,2,3-Trichloropropane | 12.854 | 75 | 138349 | 25.722 ug/l # | 1 |
| 77) Bromobenzene | 12.983 | 156 | 1694 | 0.383 ug/l | 93 |
| 78) n-propylbenzene | 13.042 | 91 | 5159 | 0.234 ug/l | 95 |
| 79) 2-Chlorotoluene | 13.130 | 91 | 3405 | 0.239 ug/l | 96 |
| 81) trans-1,4-Dichloro-2-b... | 12.854 | 75 | 138349 | 84.022 ug/l # | 15 |
| 82) 4-Chlorotoluene | 13.230 | 91 | 4823 | 0.358 ug/l | 98 |
| 87) 1,3-Dichlorobenzene | 13.736 | 146 | 4385 | 0.544 ug/l | 92 |
| 88) 1,4-Dichlorobenzene | 13.736 | 146 | 4385 | 0.543 ug/l | 93 |
| 89) n-Butylbenzene | 14.065 | 91 | 4588 | 0.347 ug/l | 93 |
| 91) 1,2-Dichlorobenzene | 14.107 | 146 | 4108 | 0.508 ug/l | 94 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75 | 427 | 0.332 ug/l | 72 |
| 93) 1,2,4-Trichlorobenzene | 15.395 | 180 | 4633 | 1.030 ug/l | 92 |
| 94) Hexachlorobutadiene | 15.495 | 225 | 757 | 0.316 ug/l | 85 |
| 95) Naphthalene | 15.648 | 128 | 18934 | 1.414 ug/l | 97 |
| 96) 1,2,3-Trichlorobenzene | 15.854 | 180 | 5111 | 1.170 ug/l | 95 |

Quantitation Report (Not Reviewed)

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076951.D
Acq On    : 13 Mar 2023  10:44
Operator  : JC\MD
Sample    : VN0313MBL01
Misc      : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Mar 14 06:58:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title  : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration
```

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

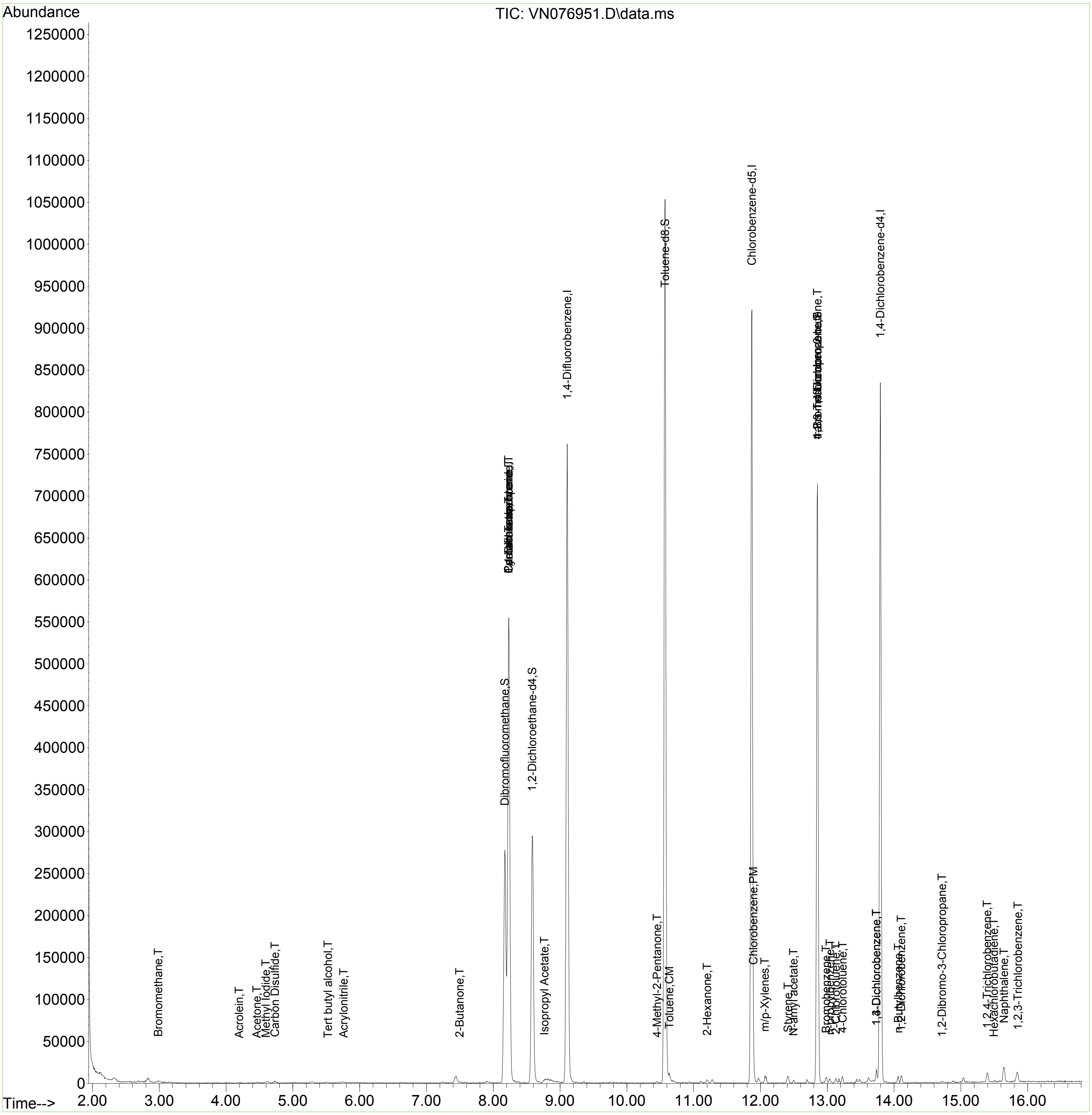
```
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

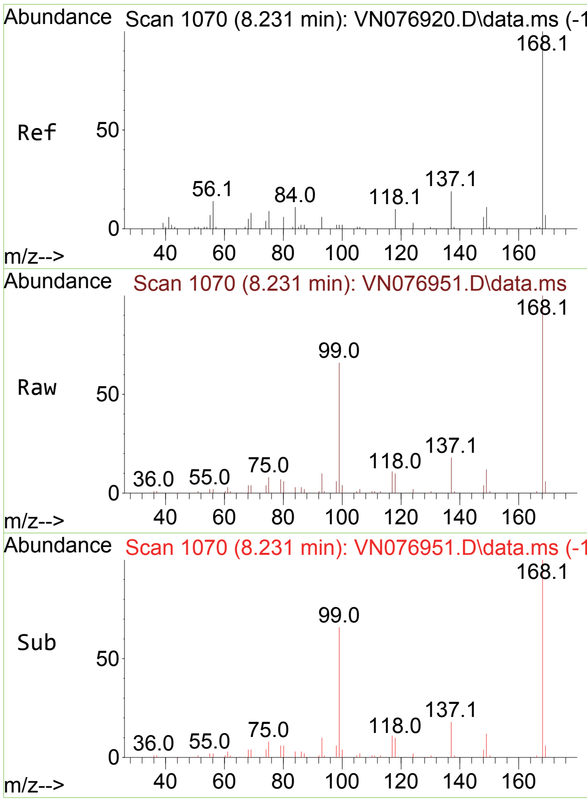
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076951.D
Acq On : 13 Mar 2023 10:44
Operator : JC\MD
Sample : VN0313MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Quant Time: Mar 14 06:58:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration



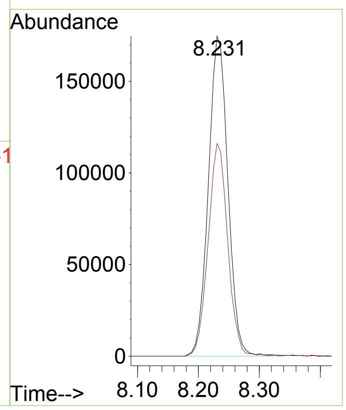


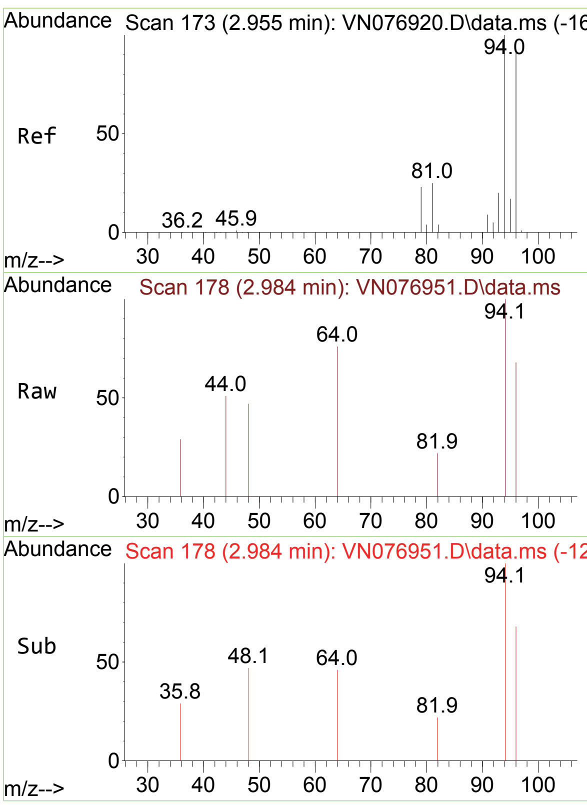

#1
Pentafluorobenzene
Concen:   50.000 ug/l
RT:   8.231 min  Scan# 10
Delta R.T.  -0.000 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:168 Resp:  389067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.4 | 48.6 | 73.0 |

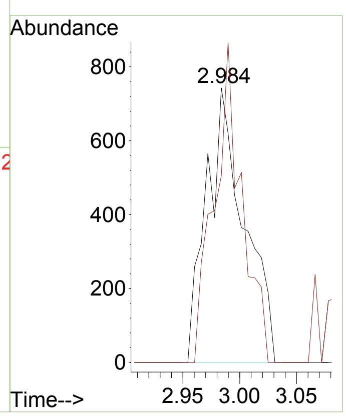


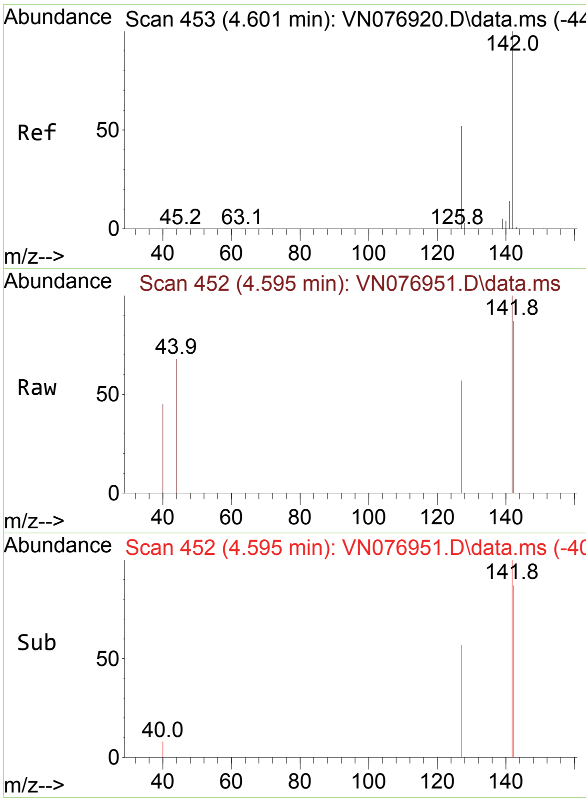




#5
Bromomethane
Concen:    0.662 ug/l
RT:   2.984 min  Scan# 178
Delta R.T.  0.029 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

Tgt Ion: 94 Resp:    1713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 68.1 | 79.0 | 118.6# |



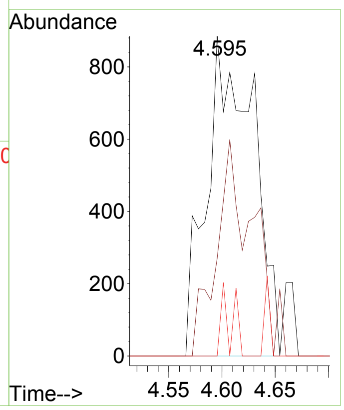


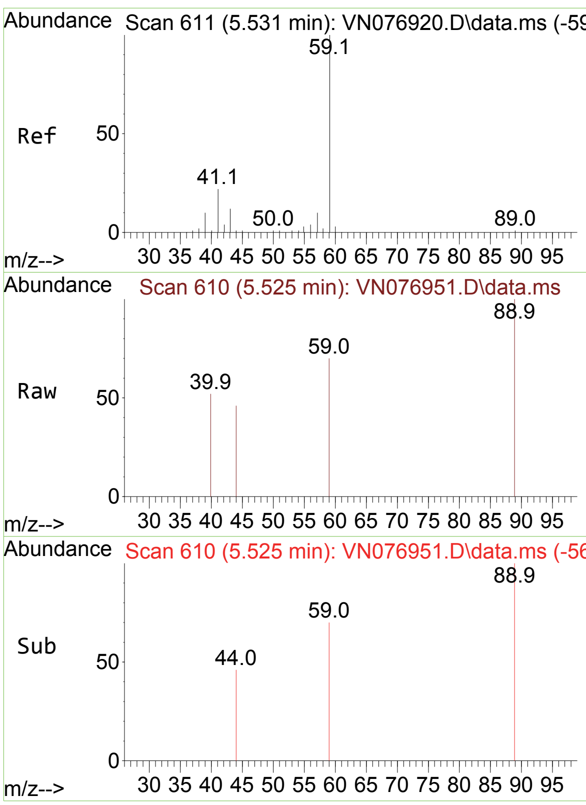

#10
Methyl Iodide
Concen: 0.555 ug/l
RT: 4.595 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:142 Resp: 2711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 30.5 | 35.2 | 52.8# |
| 141 | 0.0 | 10.2 | 15.2# |

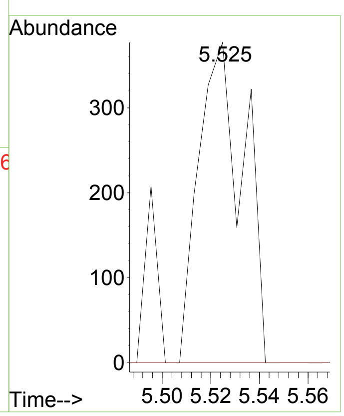


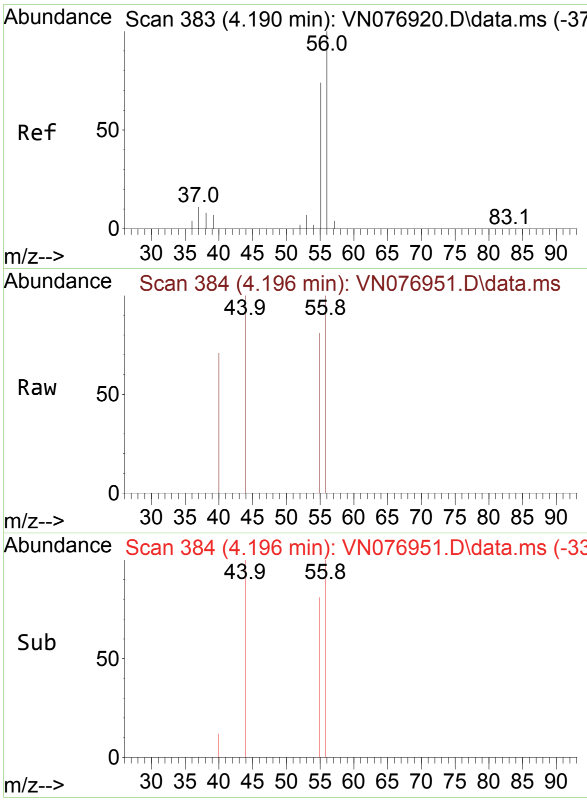




#11
Tert butyl alcohol
Concen: 0.604 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 59 Resp: 488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.6 | 12.8# |



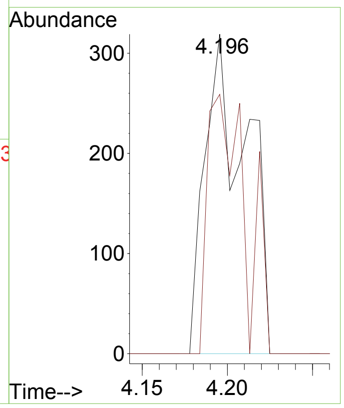


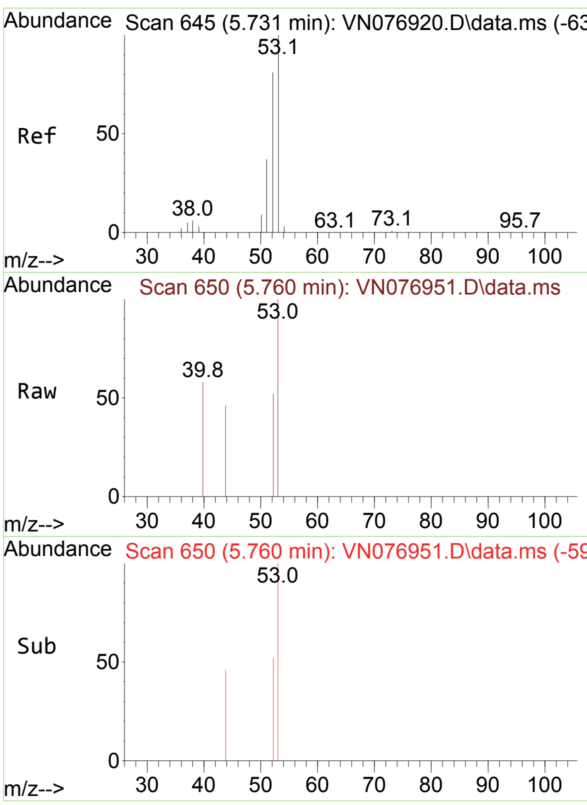

#13
Acrolein
Concen: 0.744 ug/l
RT: 4.196 min Scan# 3
Delta R.T. 0.005 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 56 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 73.9 | 56.7 | 85.1 |

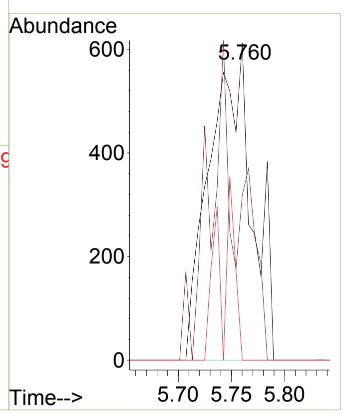


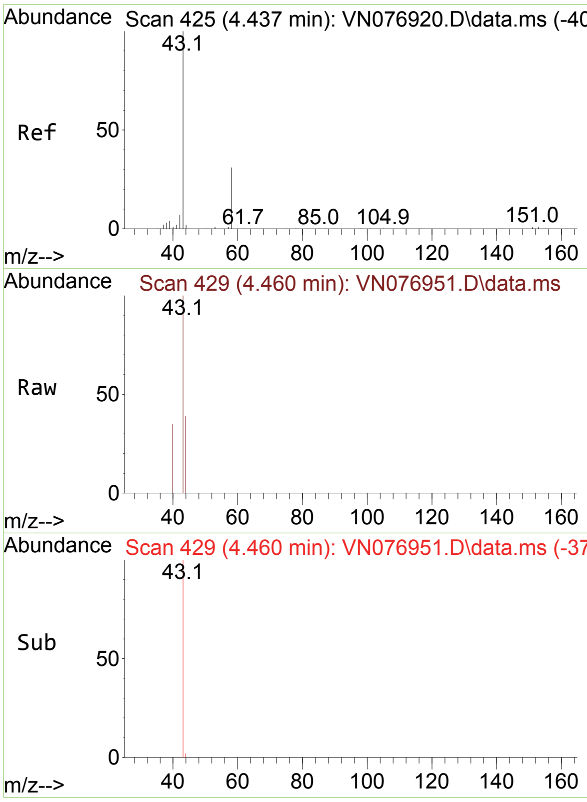




#15
Acrylonitrile
Concen: 0.738 ug/l
RT: 5.760 min Scan# 650
Delta R.T. 0.029 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 53 Resp: 1684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 23.3 | 65.3 | 97.9# |
| 51 | 0.0 | 28.8 | 43.2# |



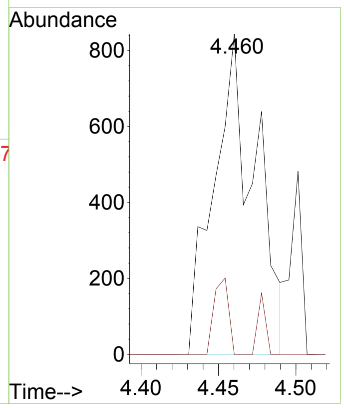


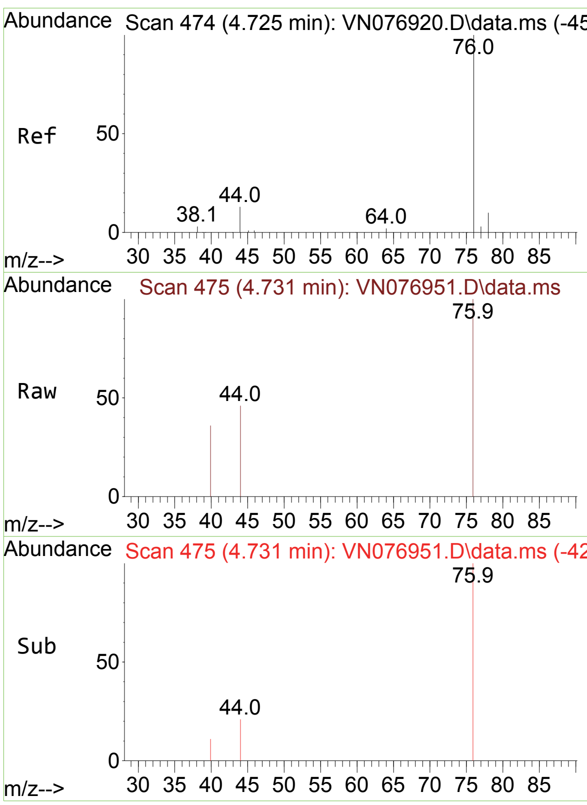

#16
Acetone
Concen: 0.786 ug/l
RT: 4.460 min Scan# 4
Delta R.T. 0.023 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 43 Resp: 1582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 28.2 | 42.2# |

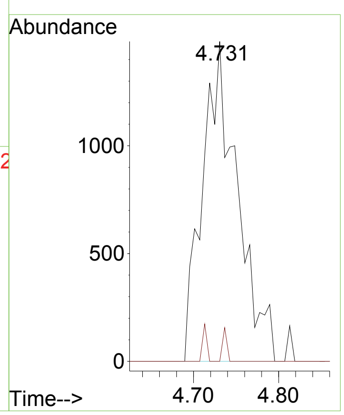


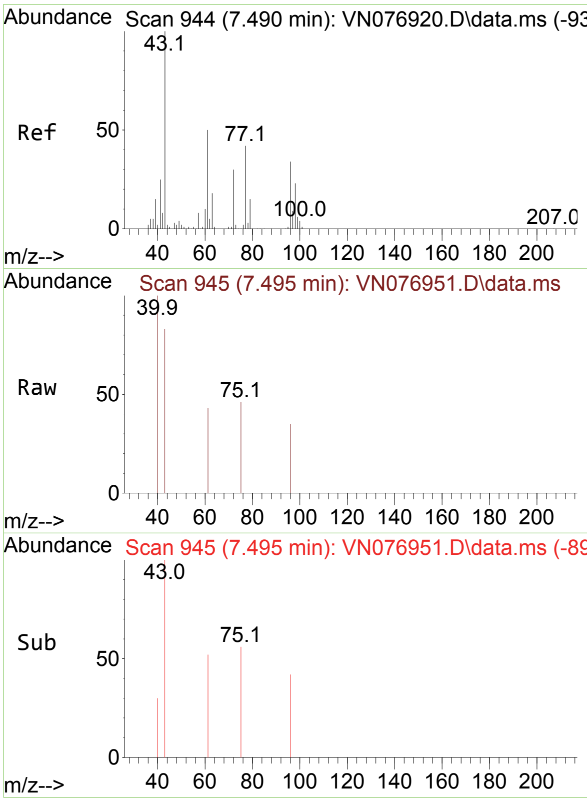




#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 76 Resp: 4227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.8 | 11.8# |



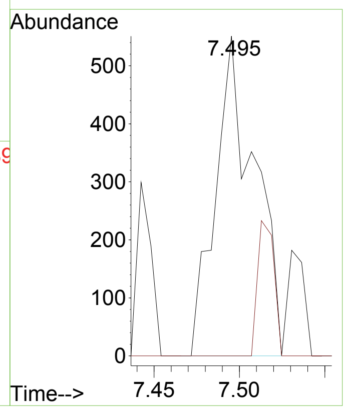


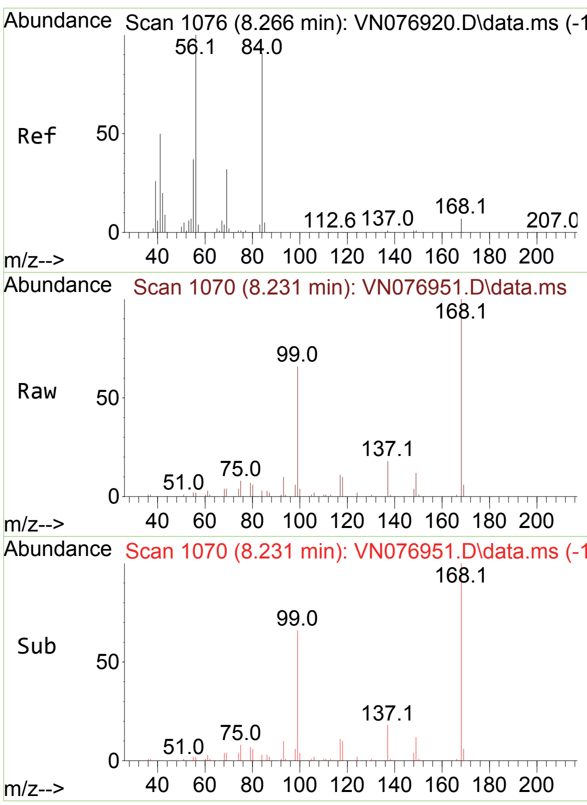

#25
2-Butanone
Concen: 0.308 ug/l
RT: 7.495 min Scan# 94
Delta R.T. 0.005 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 43 Resp: 882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 28.8 | 43.2# |

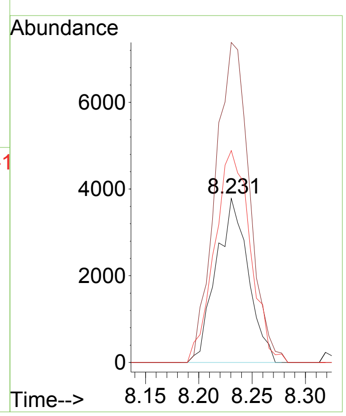


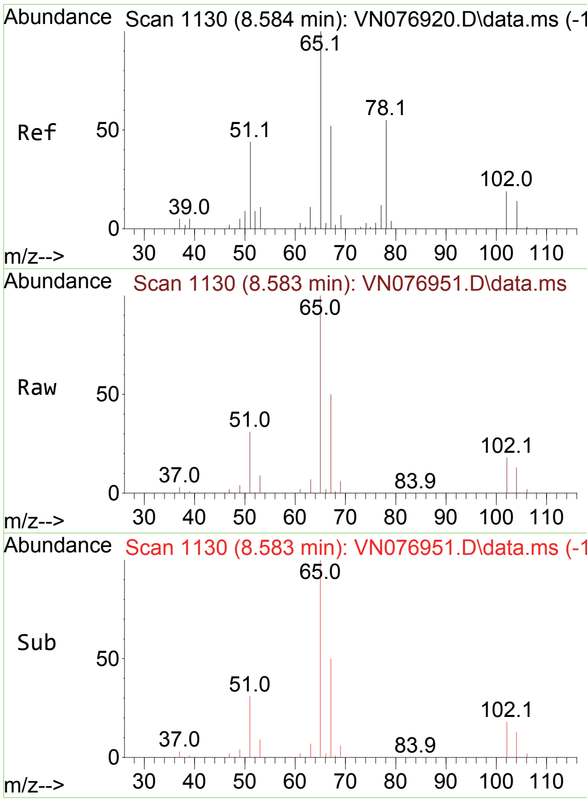




#31
Cyclohexane
Concen: 0.954 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.035 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 56 Resp: 7945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 195.1 | 27.0 | 40.6# |
| 84 | 129.2 | 82.9 | 124.3# |



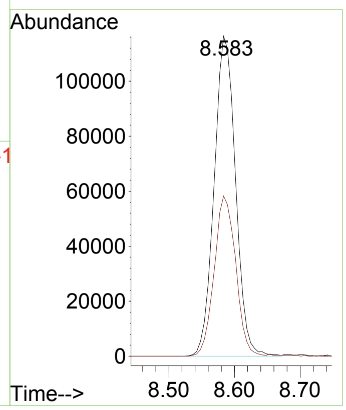


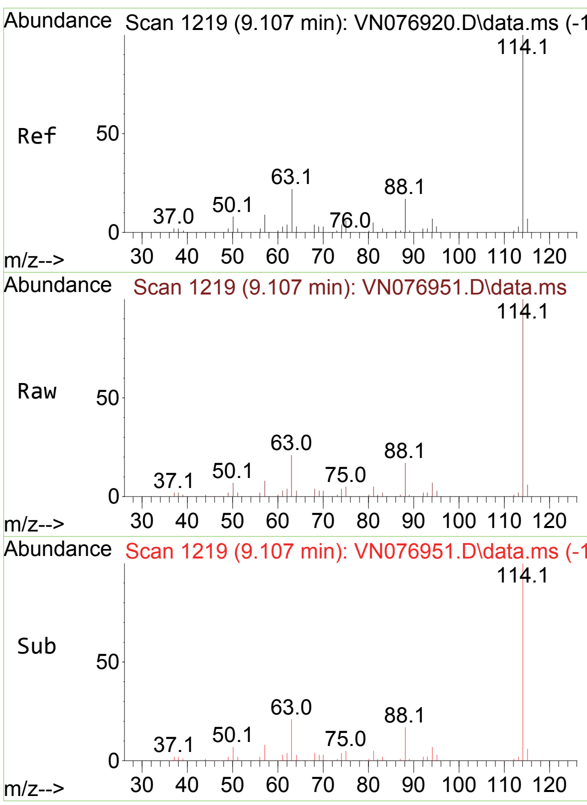

#33
1,2-Dichloroethane-d4
Concen: 45.413 ug/l
RT: 8.583 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 65 Resp: 263663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.1 | 0.0 | 107.2 |

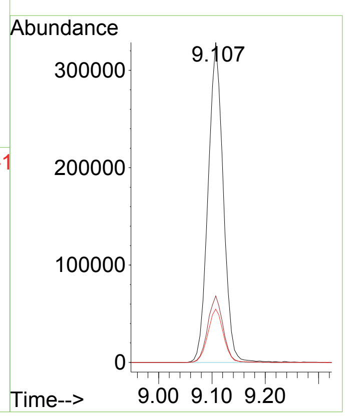


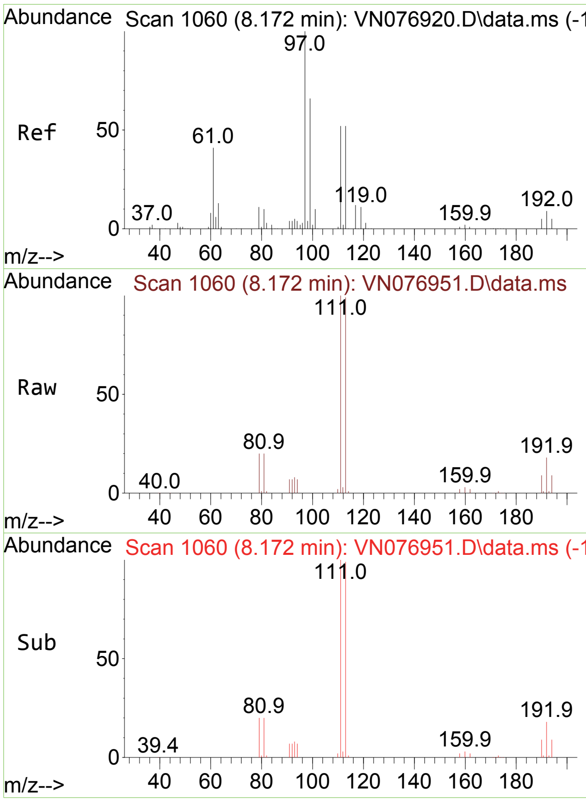




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:114 Resp: 648686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 36.6 |
| 88 | 16.6 | 0.0 | 28.6 |



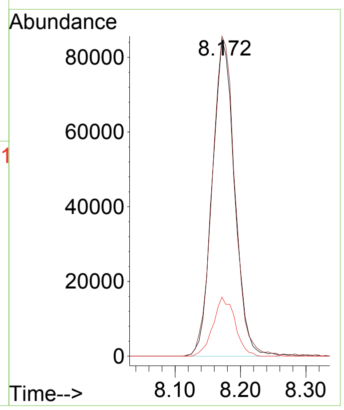


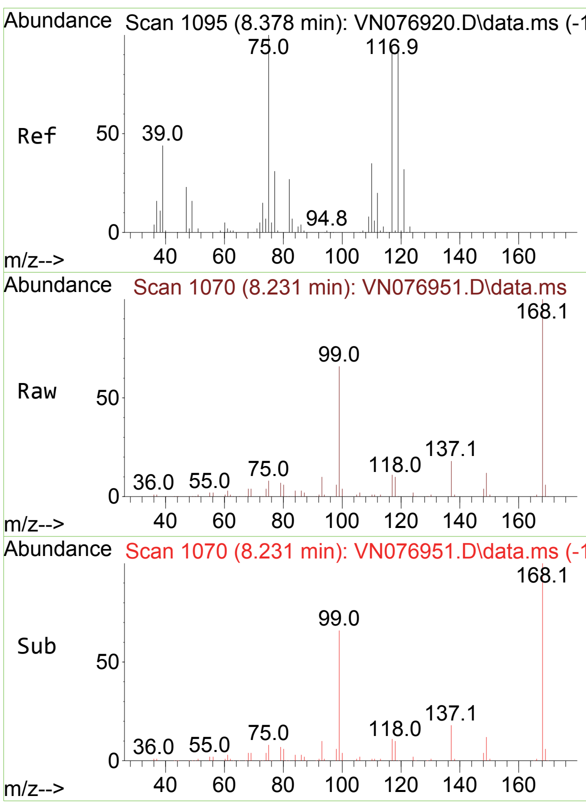

#35
Dibromofluoromethane
Concen:   46.314 ug/l
RT:   8.172 min   Scan# 1
Delta R.T.   -0.000 min
Lab File:   VN076951.D
Acq: 13 Mar 2023   10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:113 Resp:   200227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 81.8 | 122.8 |
| 192 | 18.4 | 13.9 | 20.9 |

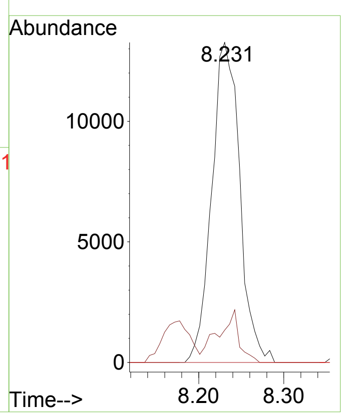


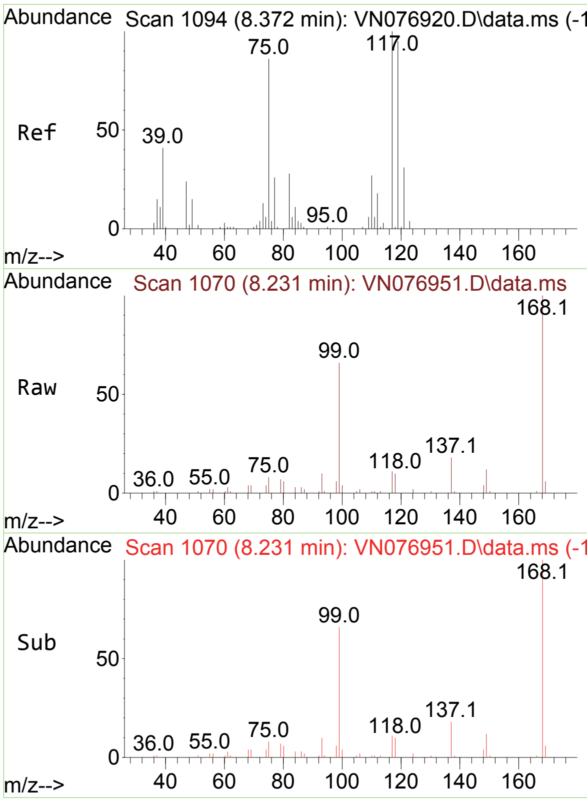




#36
1,1-Dichloropropene
Concen:    4.549 ug/l
RT:   8.231 min   Scan# 1070
Delta R.T.   -0.147 min
Lab File:   VN076951.D
Acq: 13 Mar 2023   10:44

Tgt Ion: 75 Resp:    30415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 12.4 | 18.9 | 56.9# |
| 77 | 0.0 | 24.9 | 37.3# |



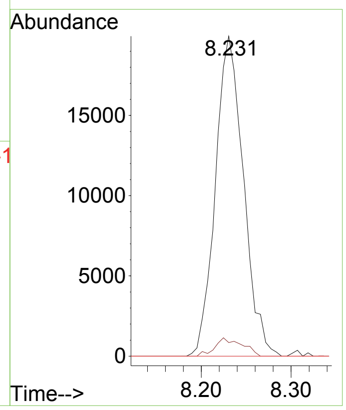


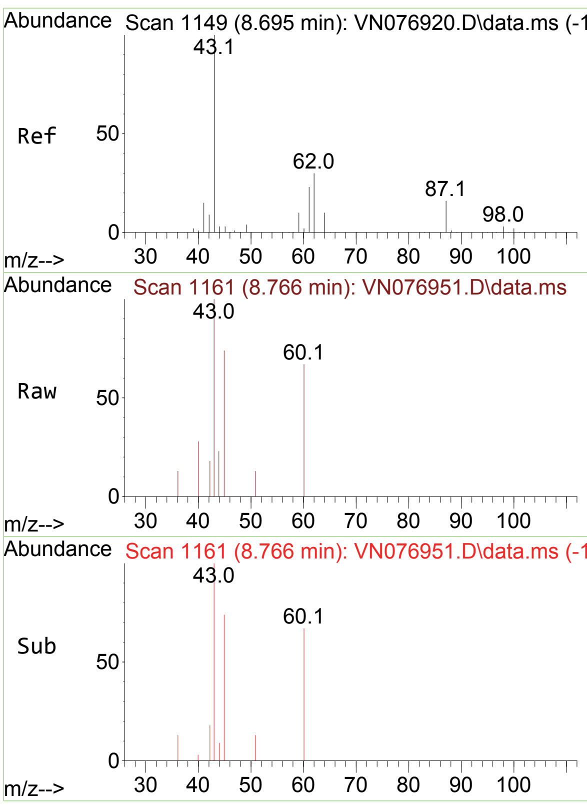

#38
Carbon Tetrachloride
Concen: 5.536 ug/l
RT: 8.231 min Scan# 1(
Delta R.T. -0.141 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:117 Resp: 43324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.3 | 76.9 | 115.3# |
| 121 | 0.0 | 23.2 | 34.8# |

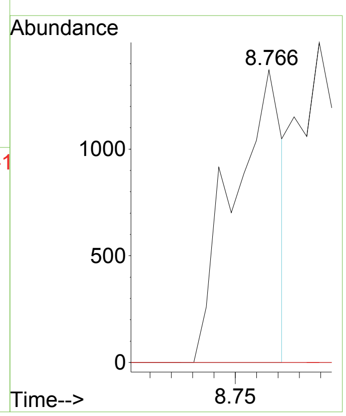


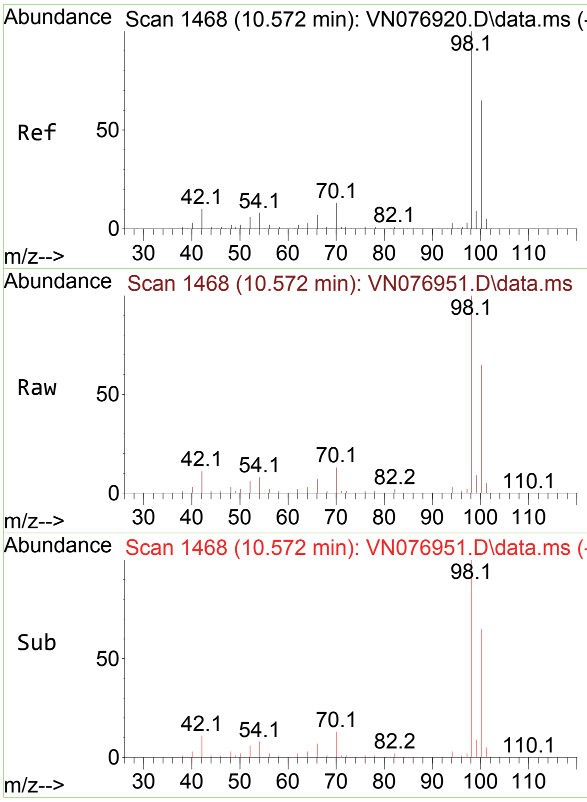




#43
Isopropyl Acetate
Concen: 0.233 ug/l
RT: 8.766 min Scan# 1161
Delta R.T. 0.071 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 43 Resp: 2196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 26.2 | 39.2# |
| 87 | 0.0 | 14.8 | 22.2# |



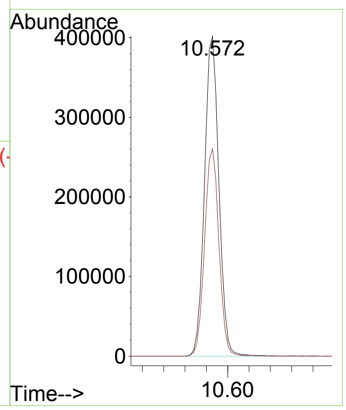


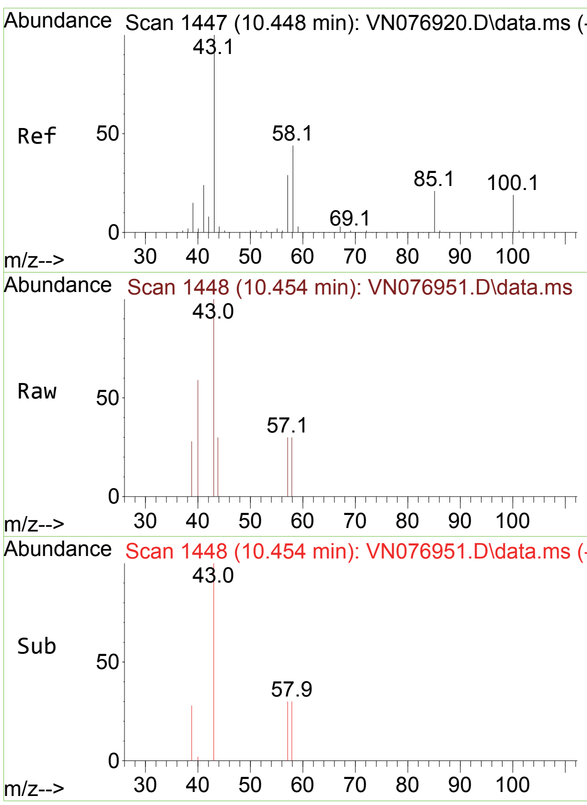

#50
Toluene-d8
Concen: 47.147 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :** MSVOA_N
**ClientSampleId :** VN0313MBL01

Tgt Ion: 98 Resp: 751204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.8 | 52.8 | 79.2 |

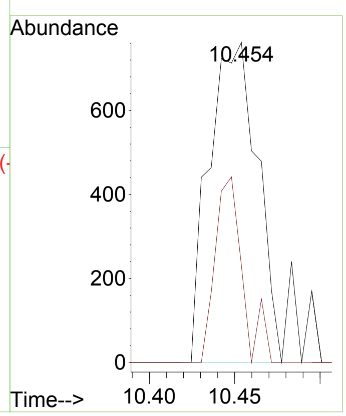


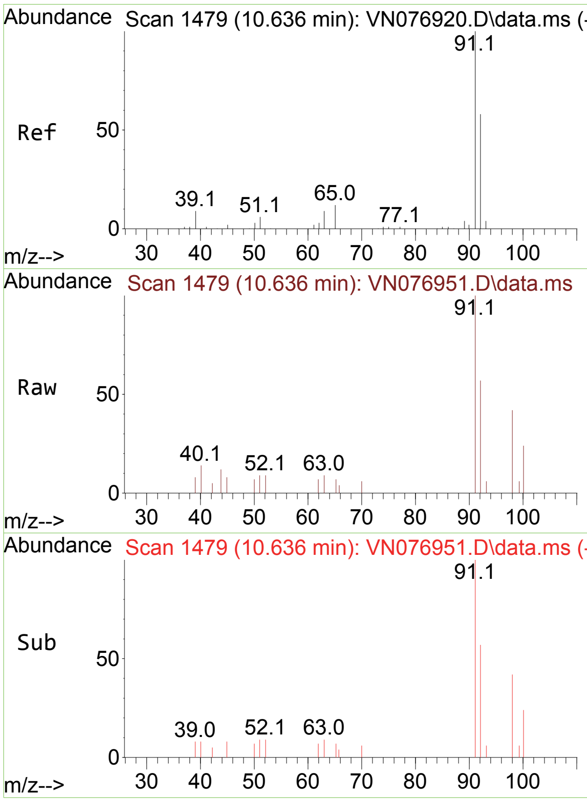



#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 43 Resp: 1503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.9 | 37.4 | 56.0# |



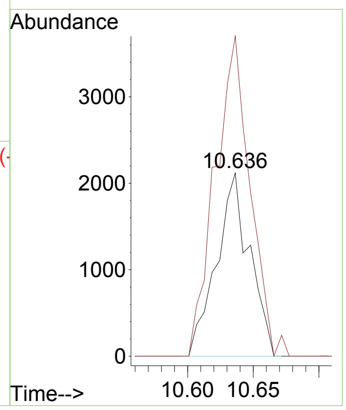


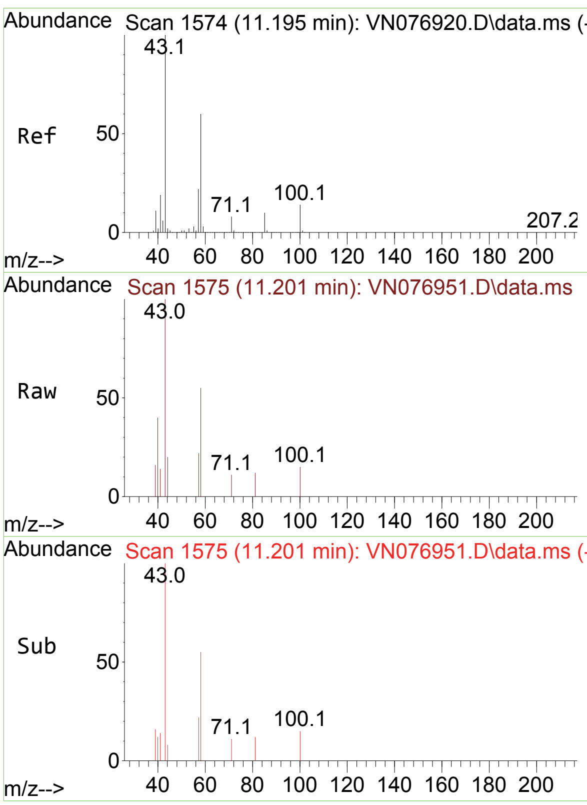

#52
Toluene
Concen:    0.306 ug/l
RT:  10.636 min  Scan# 14
Delta R.T.  0.000 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 92 Resp:    3715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 184.6 | 138.2 | 207.2 |

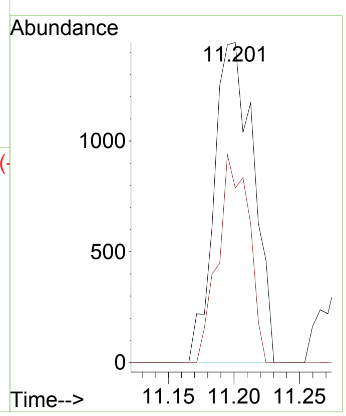


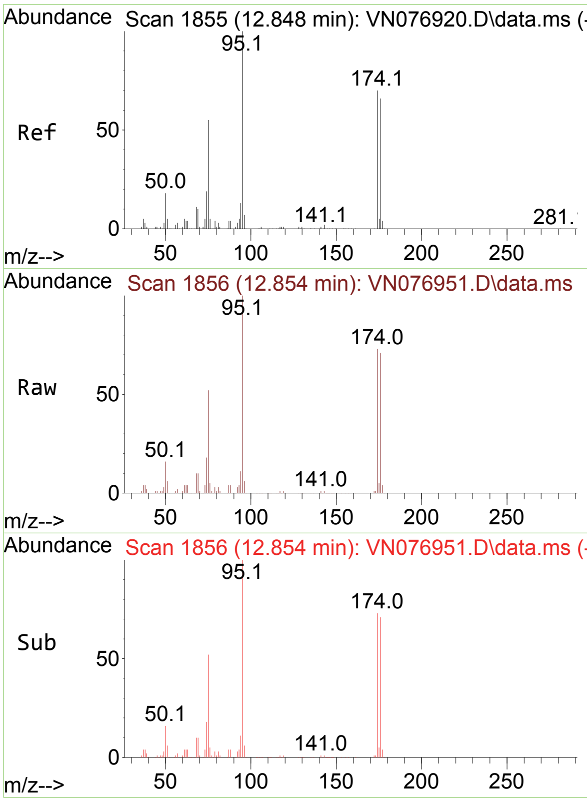




#59
2-Hexanone
Concen:    0.724 ug/l
RT:  11.201 min  Scan# 1575
Delta R.T.  0.006 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

Tgt Ion: 43 Resp:    2992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.6 | 32.6 | 98.0 |



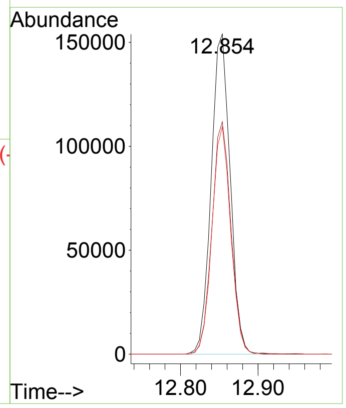


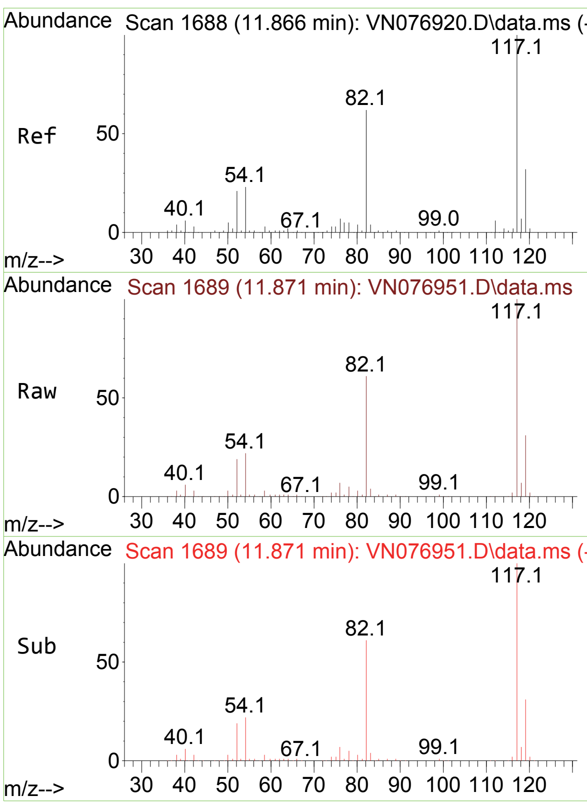

#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 12.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 95 Resp: 262258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.9 | 0.0 | 162.4 |
| 176 | 69.9 | 0.0 | 157.4 |

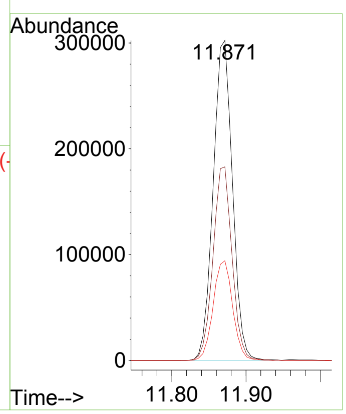


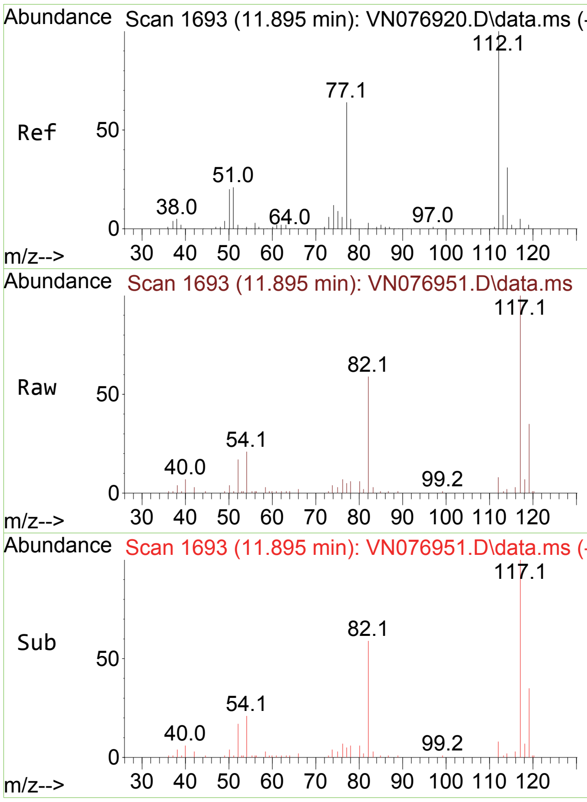




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:117 Resp: 546725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.5 | 43.5 | 65.3 |
| 119 | 31.2 | 25.5 | 38.3 |



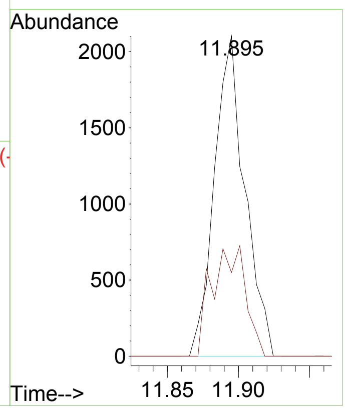


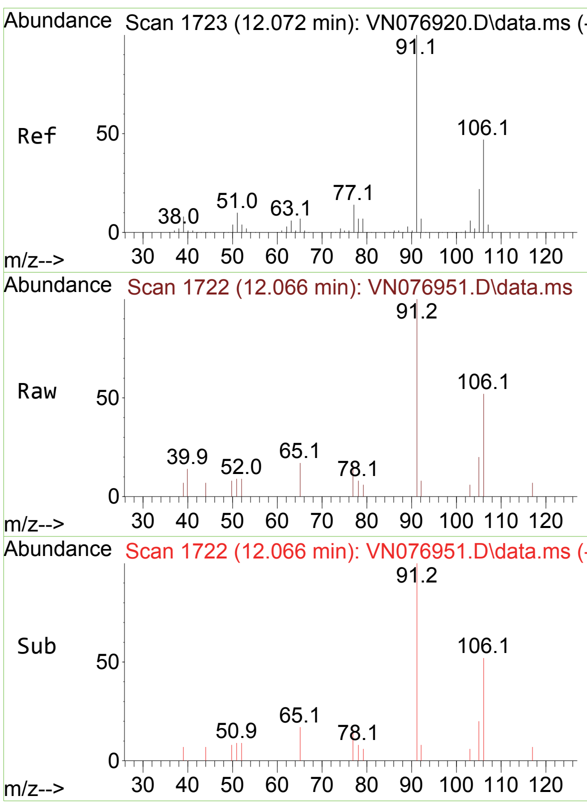

#65
Chlorobenzene
Concen: 0.256 ug/l
RT: 11.895 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:112 Resp: 3125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 26.2 | 25.8 | 38.8 |

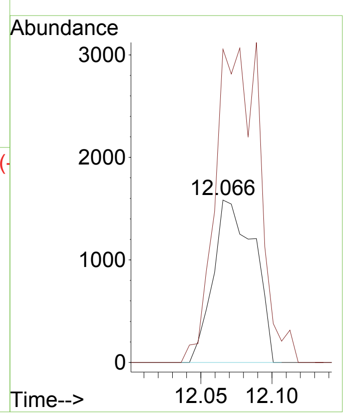


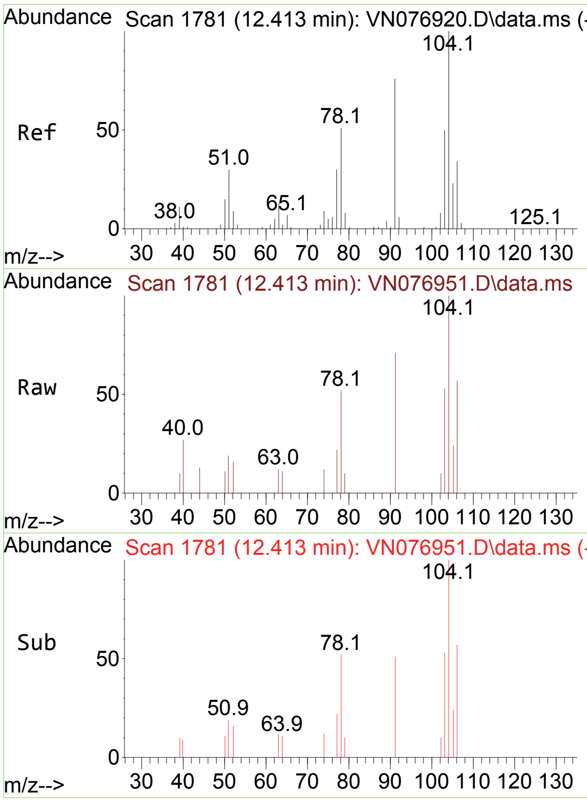




#68
m/p-Xylenes
Concen: 0.377 ug/l
RT: 12.066 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:106 Resp: 3190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 0.0 | 158.0 | 237.0# |



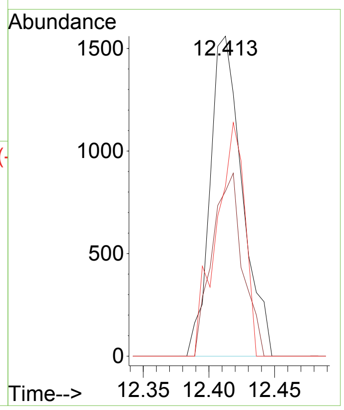


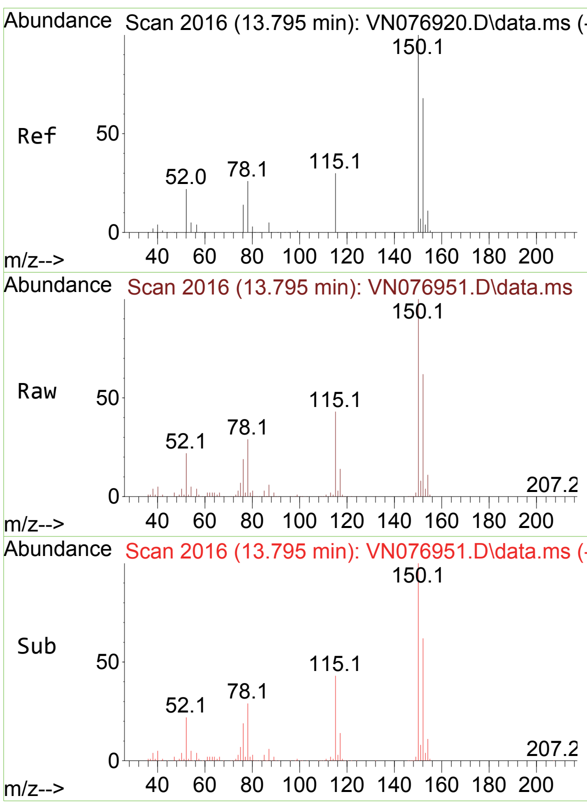

#70
Styrene
Concen: 0.201 ug/l
RT: 12.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:104 Resp: 2664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.3 | 36.6 | 55.0 |
| 103 | 64.3 | 43.4 | 65.0 |

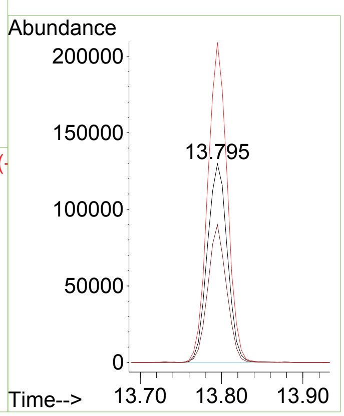


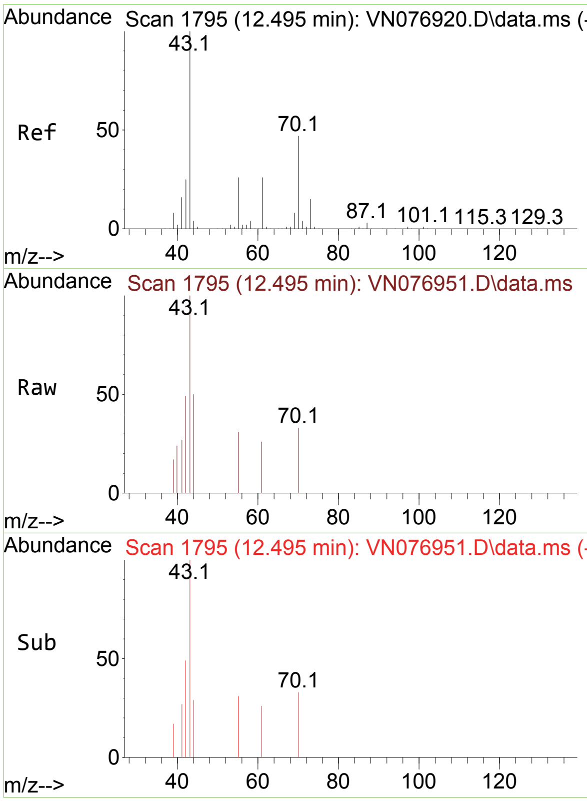




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:152 Resp: 221848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.1 | 30.3 | 90.9 |
| 150 | 156.8 | 0.0 | 353.6 |





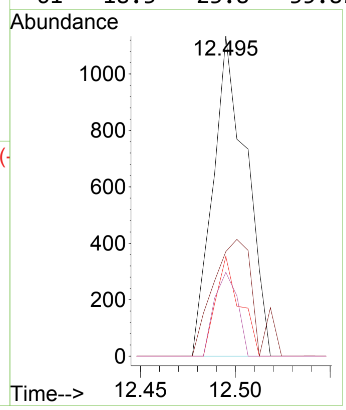

#74
N-amyl acetate
Concen: 0.211 ug/l
RT: 12.495 min Scan# 1

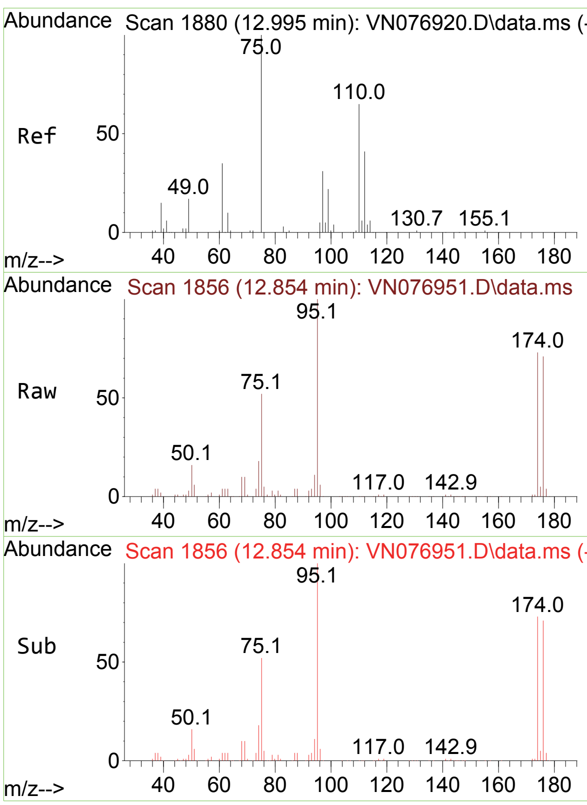
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 43 Resp: 1382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.7 | 46.8 | 70.2# |
| 55 | 22.6 | 23.4 | 35.2# |
| 61 | 18.3 | 23.8 | 35.8# |

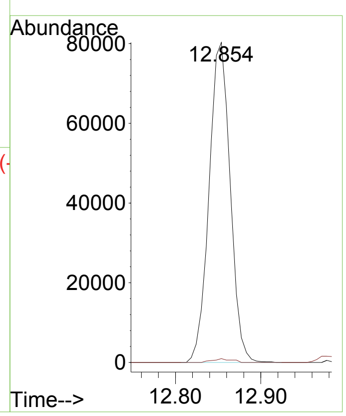


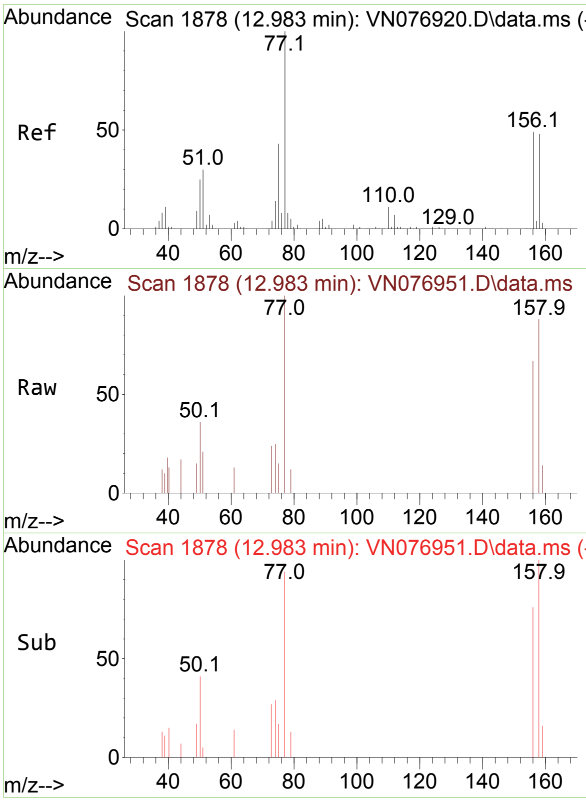




#76
1,2,3-Trichloropropane
Concen: 25.722 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 75 Resp: 138349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.1 | 93.8 | 281.4# |





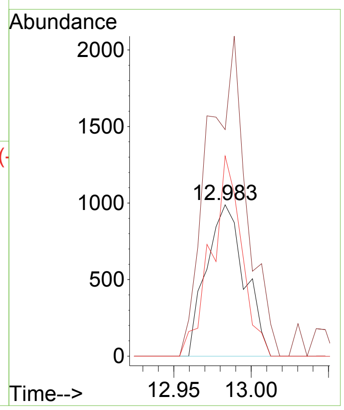

#77
Bromobenzene
Concen:    0.383 ug/l
RT:  12.983 min  Scan# 1

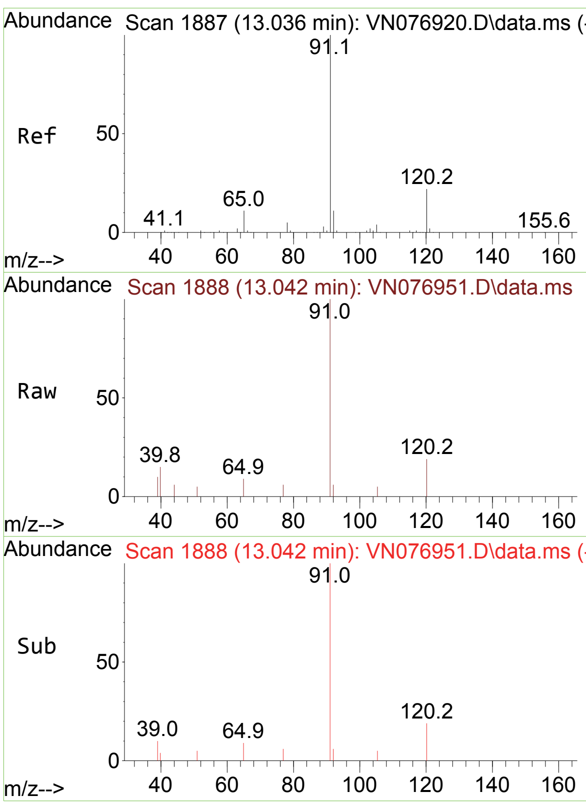
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Delta R.T.  0.000 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

Tgt Ion:156 Resp:    1694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 212.7 | 101.3 | 303.7 |
| 158 | 105.3 | 48.9 | 146.7 |

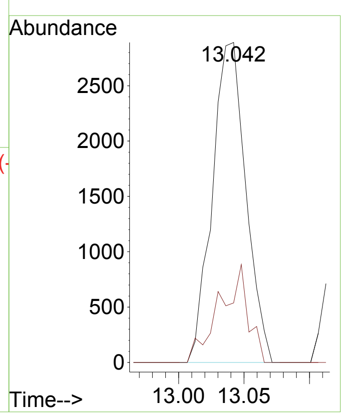


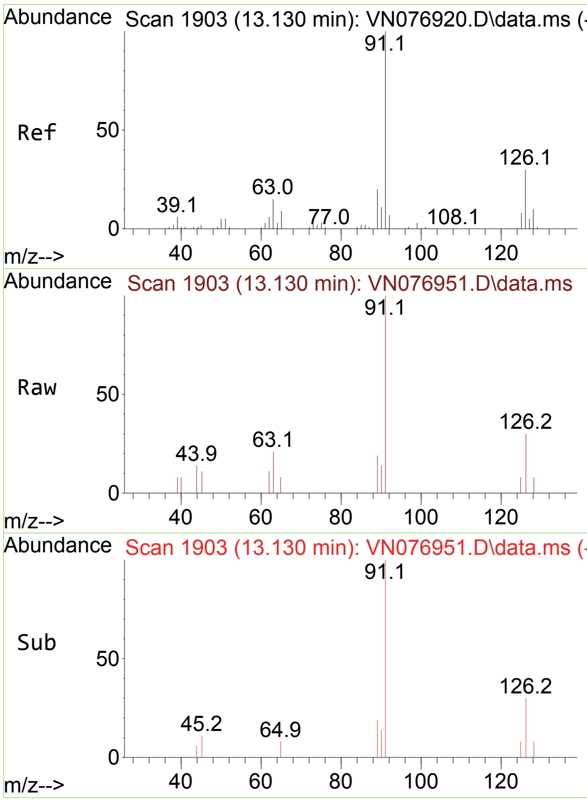




#78
n-propylbenzene
Concen:    0.234 ug/l
RT:  13.042 min  Scan# 1888
Delta R.T.  0.006 min
Lab File:   VN076951.D
Acq: 13 Mar 2023  10:44

Tgt Ion: 91 Resp:    5159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 26.1 | 11.9 | 35.7 |



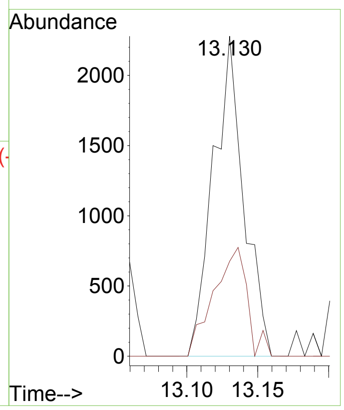


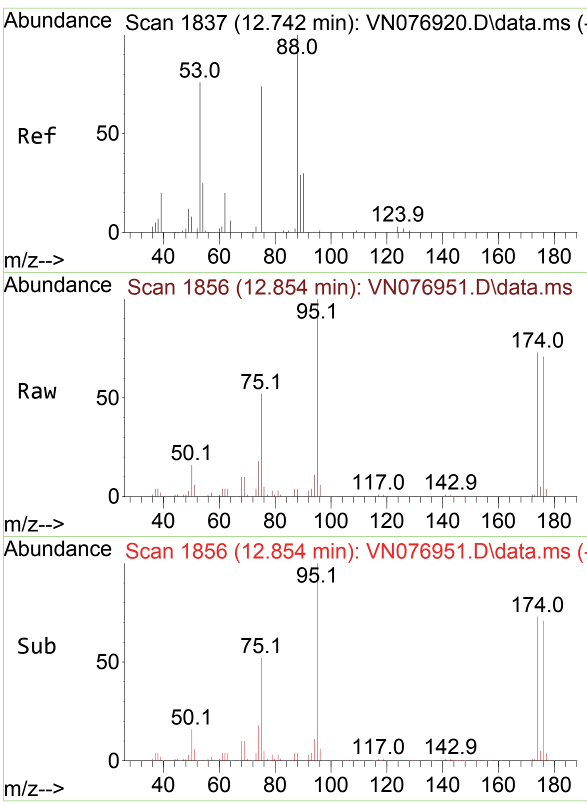

#79
2-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.130 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion: 91 Resp: 3405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.4 | 17.7 | 53.1 |

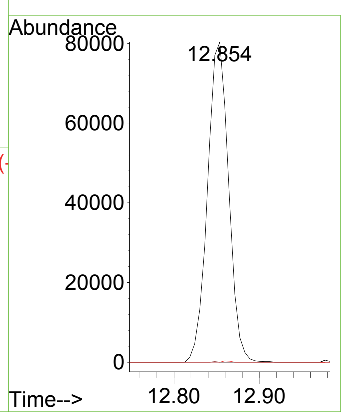


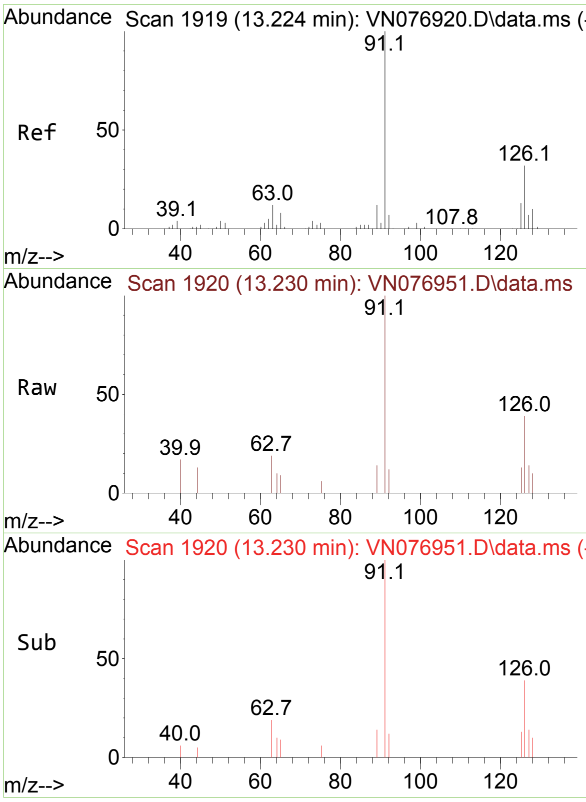




#81
trans-1,4-Dichloro-2-butene
Concen: 84.022 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 75 Resp: 138349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 67.4 | 101.0# |
| 89 | 0.1 | 39.5 | 59.3# |





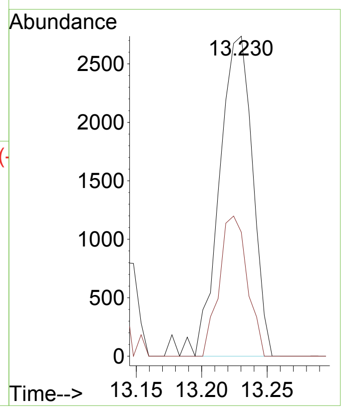

#82
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 13.230 min Scan# 1

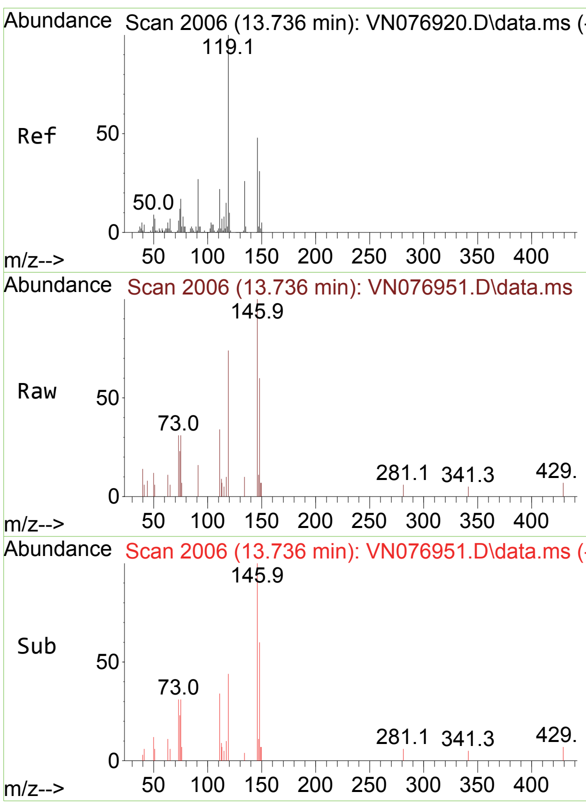
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Delta R.T. 0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 91 Resp: 4823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.2 | 18.0 | 54.0 |

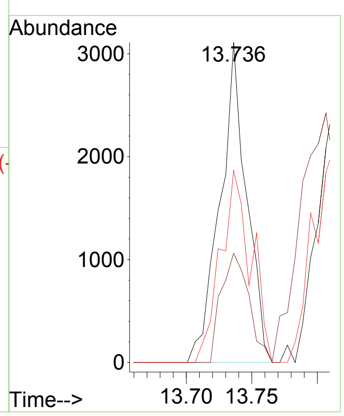


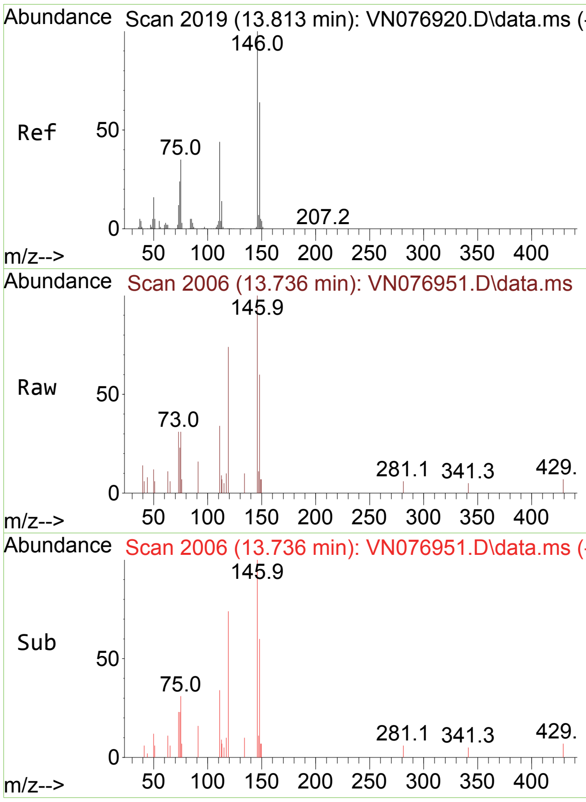




#87
1,3-Dichlorobenzene
Concen: 0.544 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:146 Resp: 4385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.6 | 20.4 | 61.2 |
| 148 | 68.9 | 31.5 | 94.5 |



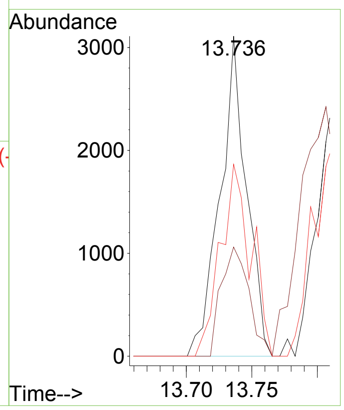


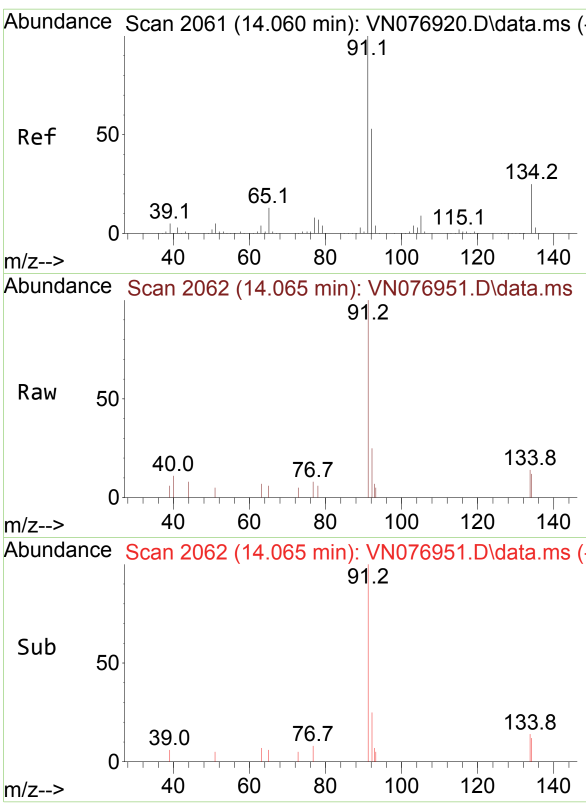

#88
1,4-Dichlorobenzene
Concen: 0.543 ug/l
RT: 13.736 min Scan# 2
Delta R.T. -0.077 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:146 Resp: 4385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.6 | 20.0 | 60.0 |
| 148 | 68.9 | 31.8 | 95.4 |

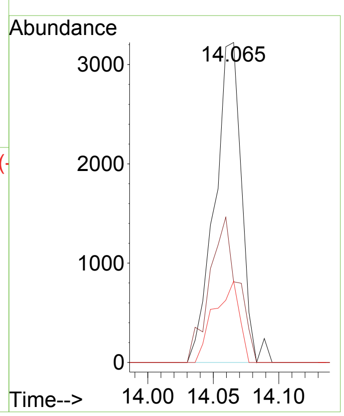


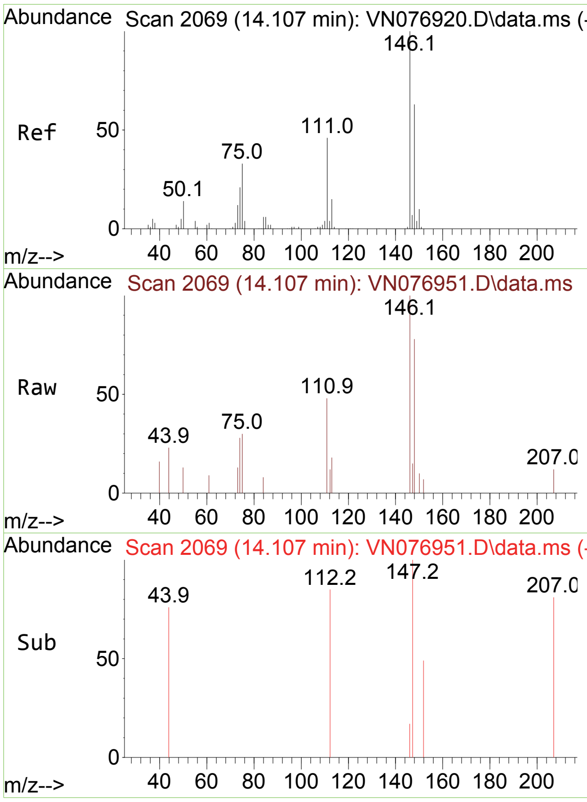




#89
n-Butylbenzene
Concen: 0.347 ug/l
RT: 14.065 min Scan# 2062
Delta R.T. 0.005 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 91 Resp: 4588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 47.7 | 26.6 | 79.7 |
| 134 | 23.9 | 13.6 | 40.7 |





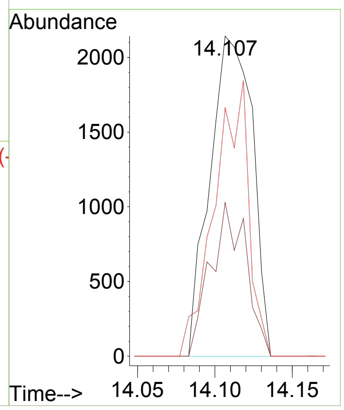

#91
1,2-Dichlorobenzene
Concen:    0.508 ug/l
RT:  14.107 min   Scan# 2

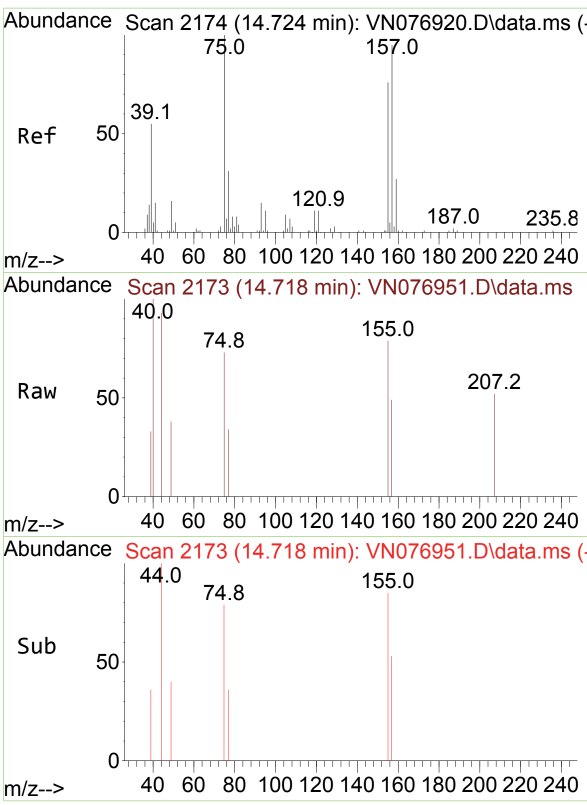
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Delta R.T.   -0.000 min
Lab File:    VN076951.D
Acq: 13 Mar 2023   10:44

Tgt Ion:146 Resp:    4108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 21.4 | 64.2 |
| 148 | 69.0 | 32.0 | 96.0 |

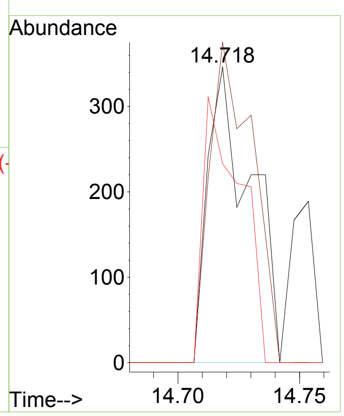


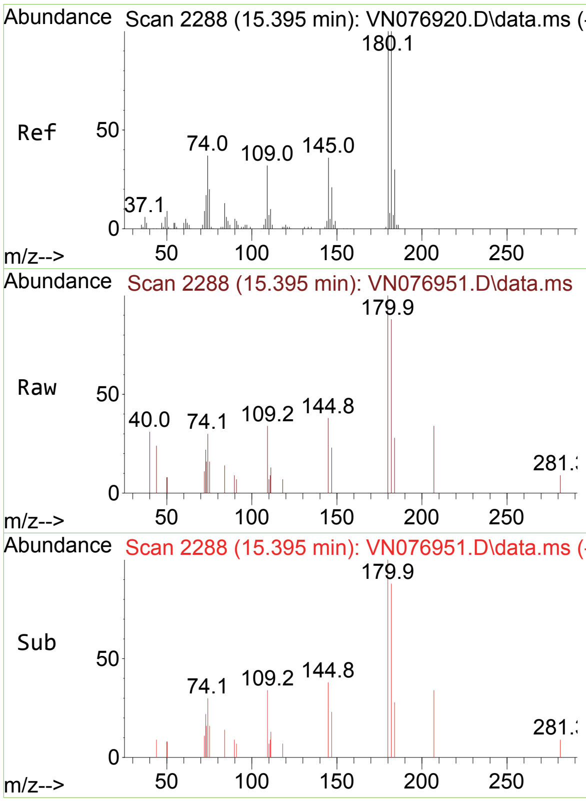




#92
1,2-Dibromo-3-Chloropropane
Concen:    0.332 ug/l
RT:  14.718 min   Scan# 2173
Delta R.T.   -0.006 min
Lab File:    VN076951.D
Acq: 13 Mar 2023   10:44

Tgt Ion: 75 Resp:     427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 108.0 | 44.3 | 132.8 |
| 157 | 79.4 | 58.3 | 174.8 |



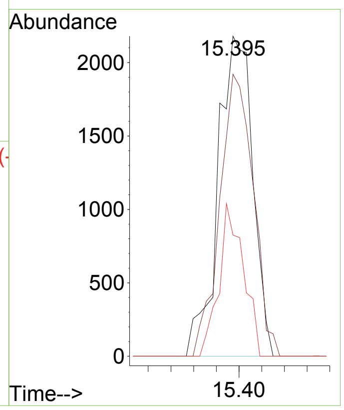


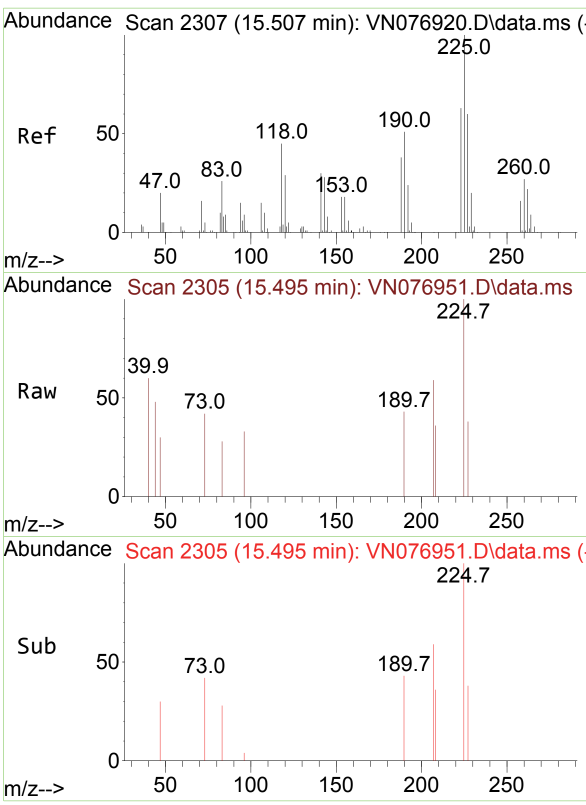

#93
1,2,4-Trichlorobenzene
Concen: 1.030 ug/l
RT: 15.395 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:180 Resp: 4633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 85.2 | 47.4 | 142.2 |
| 145 | 33.6 | 15.8 | 47.3 |

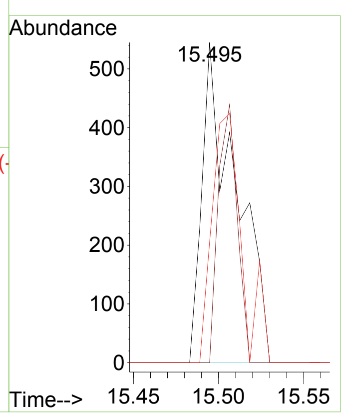


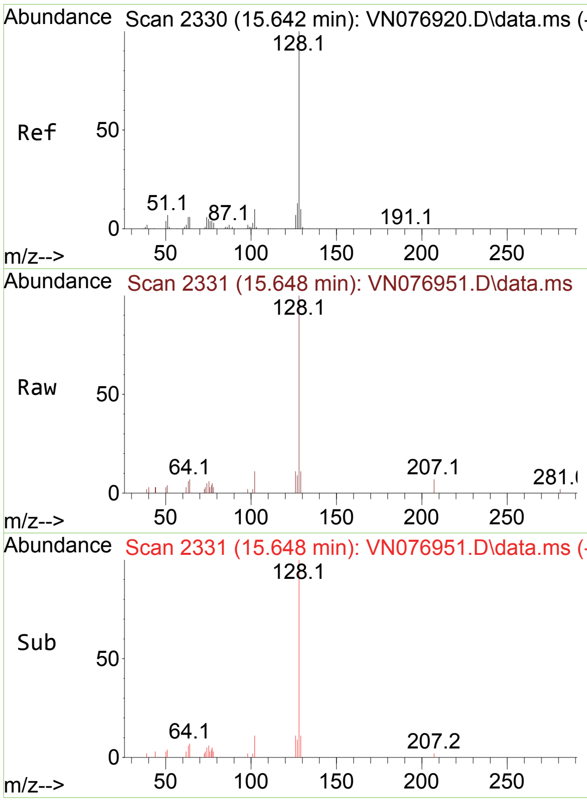




#94
Hexachlorobutadiene
Concen: 0.316 ug/l
RT: 15.495 min Scan# 2305
Delta R.T. -0.012 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:225 Resp: 757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 44.8 | 31.4 | 94.0 |
| 227 | 67.6 | 30.9 | 92.7 |



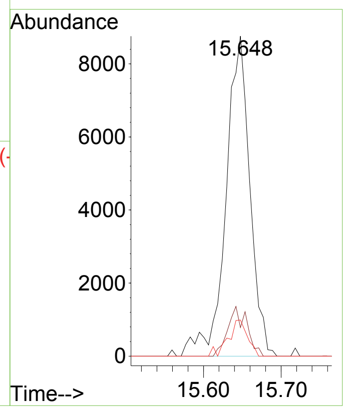


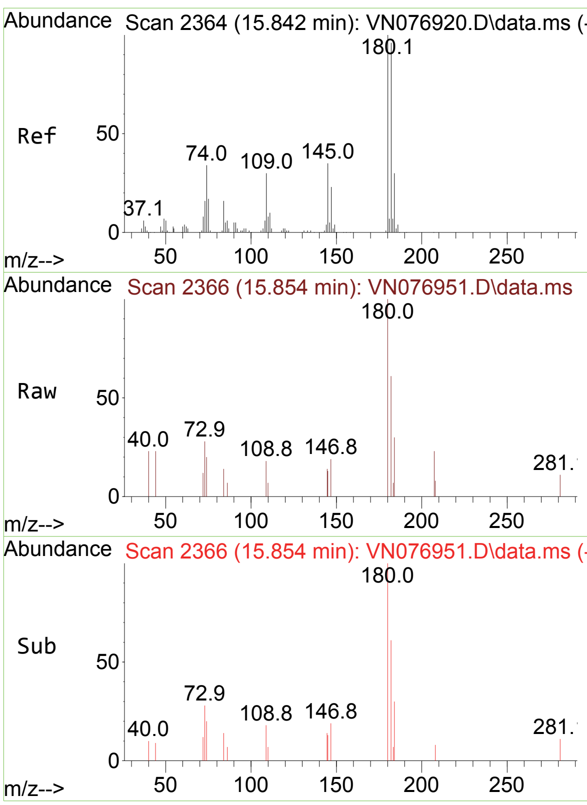

#95
Naphthalene
Concen:    1.414 ug/l
RT:  15.648 min   Scan# 2
Delta R.T.   0.006 min
Lab File:    VN076951.D
Acq: 13 Mar 2023   10:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0313MBL01

Tgt Ion:128 Resp:   18934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.4 | 10.2 | 15.4 |
| 129 | 9.0 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen:    1.170 ug/l
RT:  15.854 min   Scan# 2366
Delta R.T.   0.012 min
Lab File:    VN076951.D
Acq: 13 Mar 2023   10:44

Tgt Ion:180 Resp:    5111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.6 | 47.7 | 143.1 |
| 145 | 40.7 | 17.0 | 51.0 |