Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Oct 20 23:04:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.539 | 114 | 88185 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.789 | 117 | 99412 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 52733 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 33541 | 4.677 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.600% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 31174 | 5.355 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 107.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 13324 | 4.405 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 88.200% | | | |
| 20) 2-Butanone-d5 | 3.809 | 46 | 87119 | 48.019 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 96.040% | | | |
| 24) Chloroform-d | 4.252 | 84 | 58642 | 4.635 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.947 | 65 | 31192 | 5.205 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.000% | | | |
| 32) Benzene-d6 | 4.963 | 84 | 114496 | 3.914 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.992 | 67 | 37333 | 3.852 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 77.000% | | | |
| 41) Toluene-d8 | 7.246 | 98 | 100166 | 3.745 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 13767 | 4.009 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.200% | | | |
| 46) 2-Hexanone-d5 | 8.030 | 63 | 75008 | 46.420 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.840% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84 | 32013 | 4.722 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 41688 | 4.260 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 85.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 15) Methyl Acetate | 2.378 | 43 | 721 | 0.229 | ug/L # | 53 |
| 16) Methylene chloride | 2.449 | 84 | 4081 | 0.484 | ug/L | 85 |
| 30) Cyclohexane | 4.584 | 56 | 14879 | 1.002 | ug/L | 97 |
| 33) Benzene | 5.018 | 78 | 5833 | 0.167 | ug/L | 100 |
| 35) Methylcyclohexane | 6.053 | 83 | 5395 | 0.365 | ug/L | 93 |
| 37) 1,2-Dichloropropane | 6.050 | 63 | 751 | 0.080 | ug/L # | 87 |
| 42) Toluene | 7.317 | 91 | 1003058 | 26.883 | ug/L | 98 |
| 52) Ethylbenzene | 8.950 | 91 | 338690 | 8.152 | ug/L | 98 |
| 53) m,p-Xylene | 9.072 | 106 | 393084 | 25.510 | ug/L | 100 |
| 54) o-Xylene | 9.481 | 106 | 143183 | 9.643 | ug/L | 98 |
| 55) Styrene | 9.481 | 104 | 10181 | 0.406 | ug/L # | 1 |
| 60) Isopropylbenzene | 10.680 | 105 | 48544 | 1.184 | ug/L | 94 |
| 61) 1,2,3-Trichloropropane | 10.384 | 75 | 1328 | 0.237 | ug/L # | 1 |
| 62) 1,3,5-Trimethylbenzene | 10.480 | 105 | 39297 | 1.176 | ug/L | 98 |
| 63) 1,2,4-Trimethylbenzene | 10.857 | 105 | 167989 | 5.052 | ug/L | 99 |
| 71) Naphthalene | 13.442 | 128 | 41146 | 1.905 | ug/L | 98 |

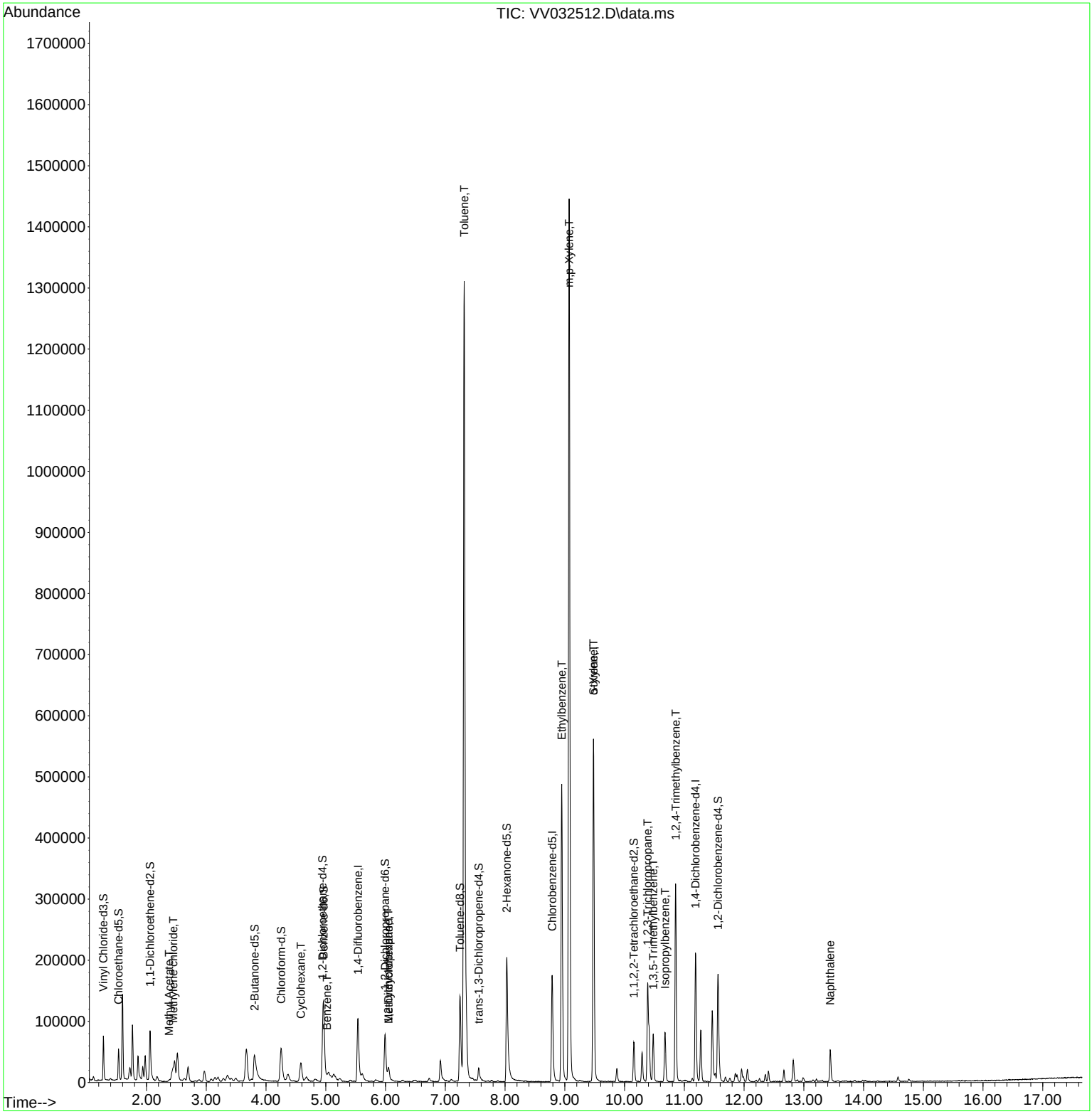
(#) = qualifier out of range (m) = manual integration (+) = signals summed

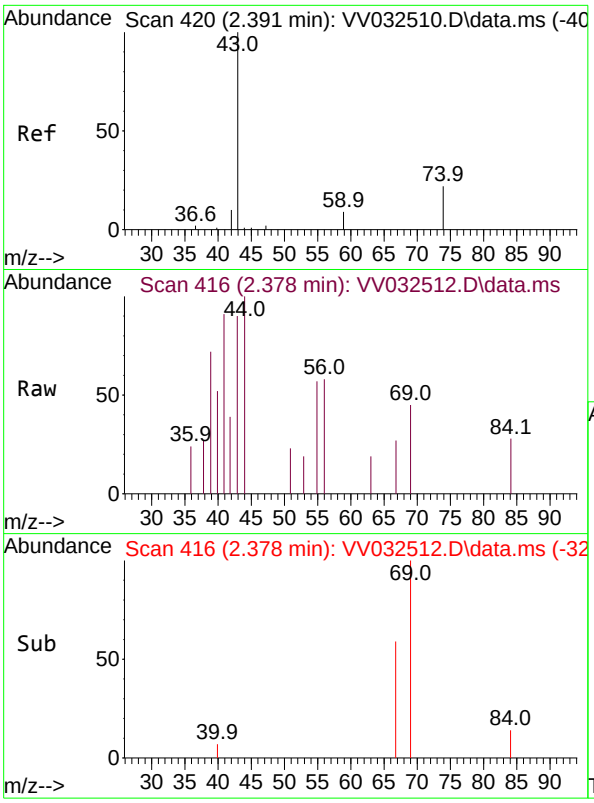
**Instrument :**
MSVOA_V
**ClientSampleId :**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Oct 20 23:04:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration



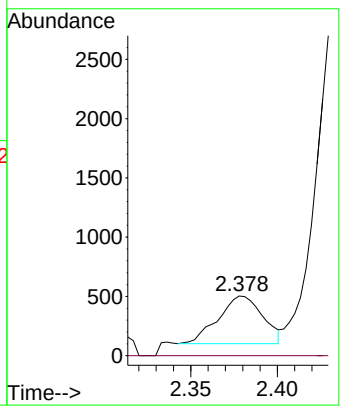


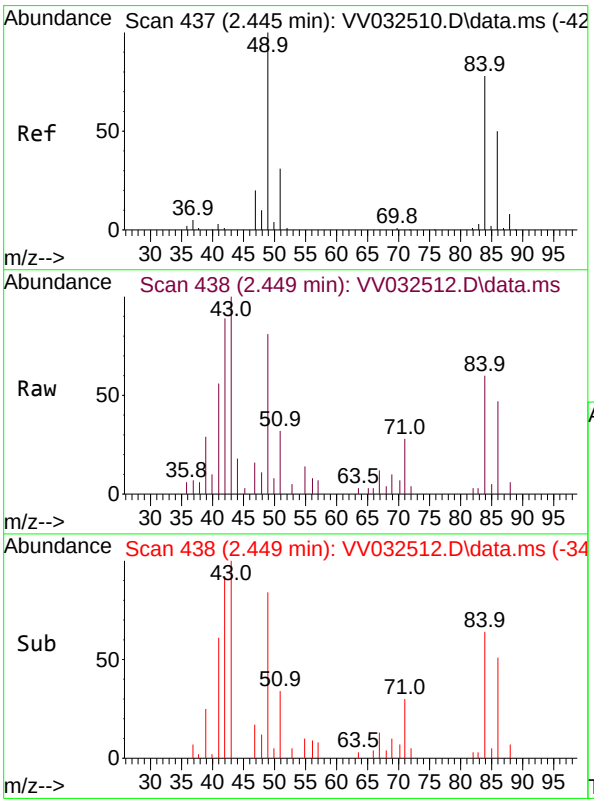

#15
Methyl Acetate
Concen: 0.229 ug/L
RT: 2.378 min Scan# 4
Delta R.T. -0.013 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 43 Resp: 721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.0 | 27.0# |

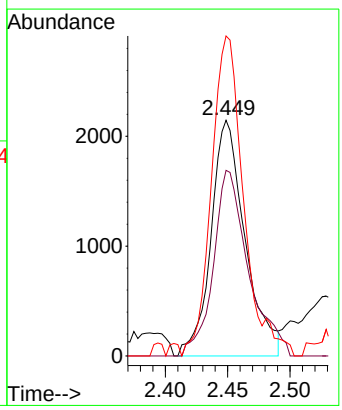


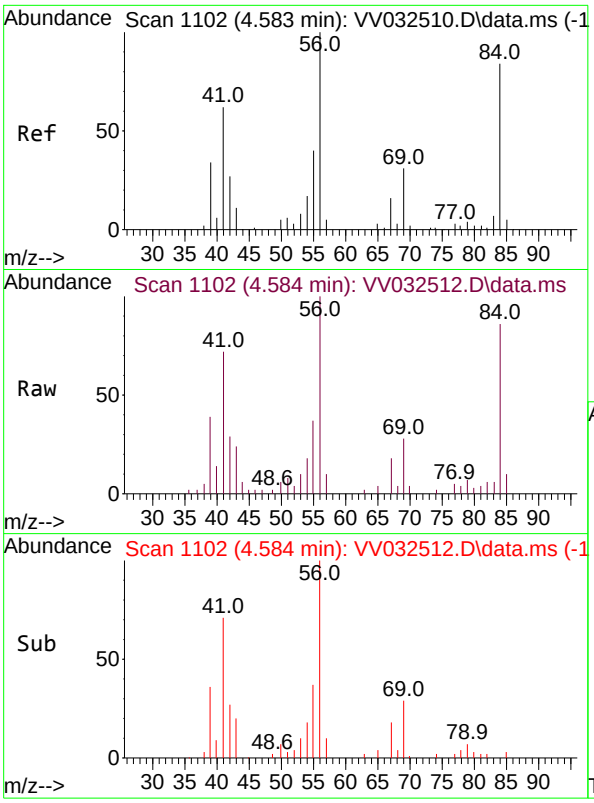




#16
Methylene chloride
Concen: 0.484 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 84 Resp: 4081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 78.8 | 43.2 | 80.2 |
| 49 | 135.8 | 86.3 | 160.3 |



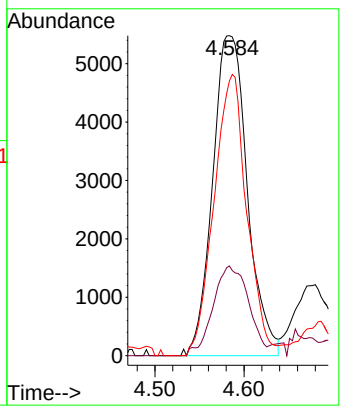


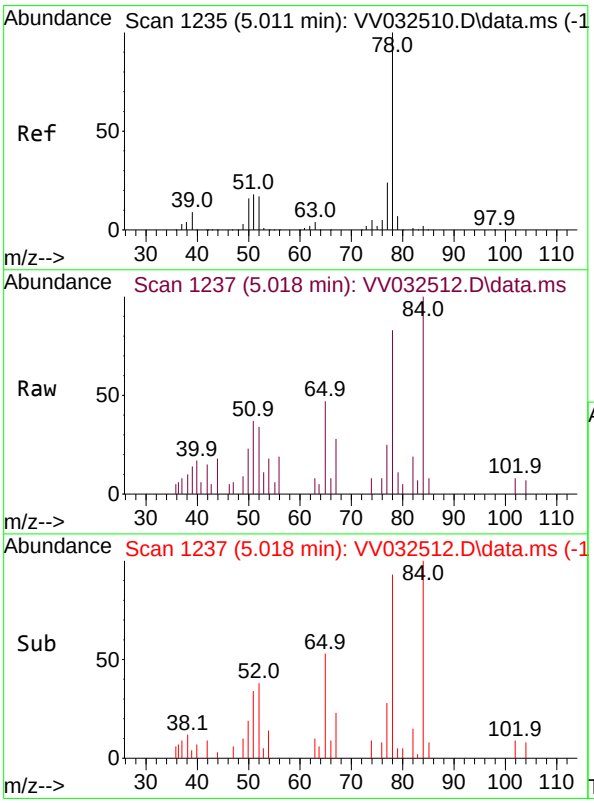

#30
Cyclohexane
Concen: 1.002 ug/L
RT: 4.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 56 Resp: 14879

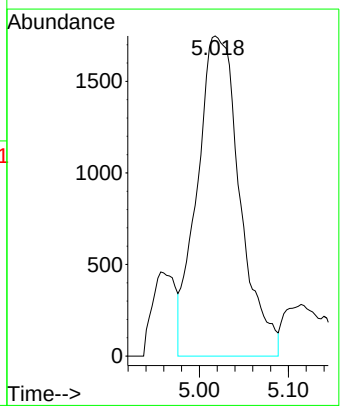
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.6 | 24.2 | 36.2 |
| 84 | 82.9 | 68.1 | 102.1 |

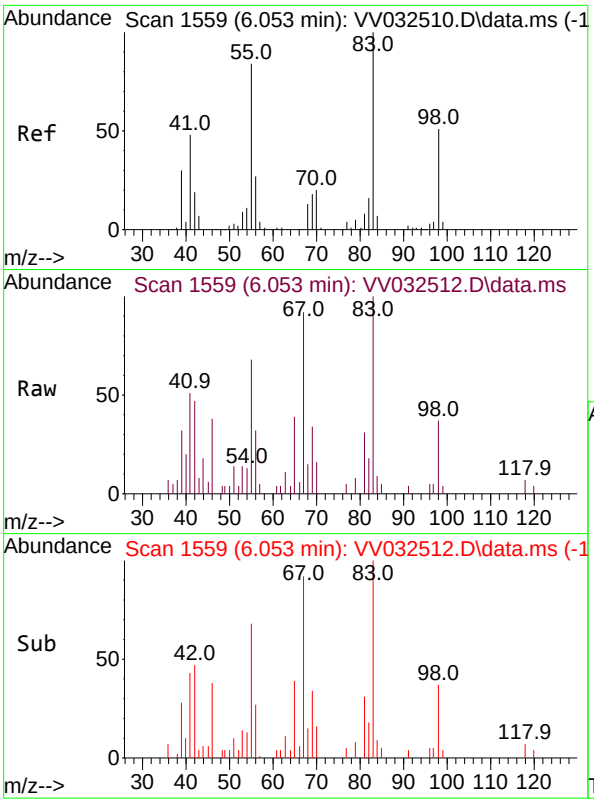



#33
Benzene
Concen: 0.167 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.007 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 78 Resp: 5833



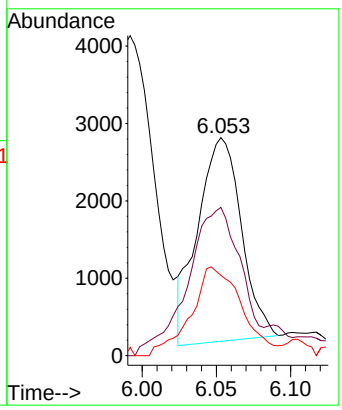


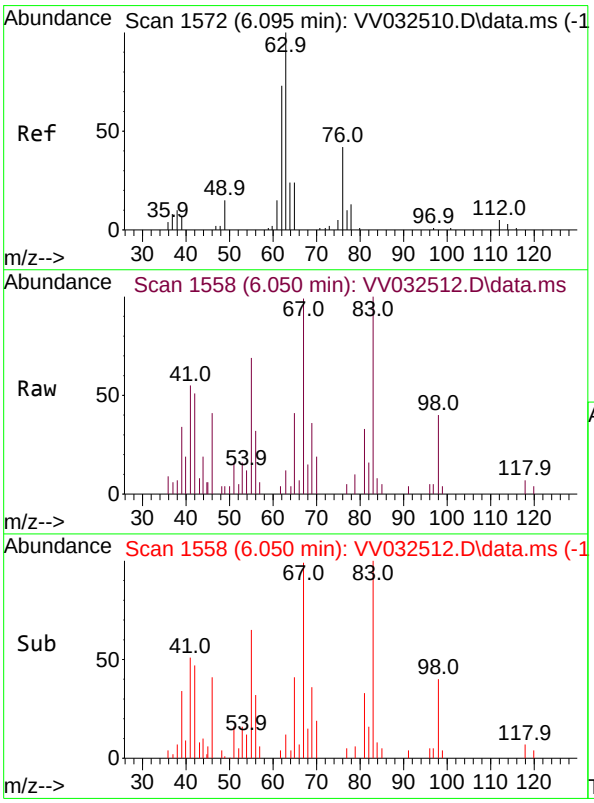

#35
Methylcyclohexane
Concen: 0.365 ug/L
RT: 6.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 83 Resp: 5395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 89.4 | 64.2 | 96.2 |
| 98 | 50.5 | 39.6 | 59.4 |

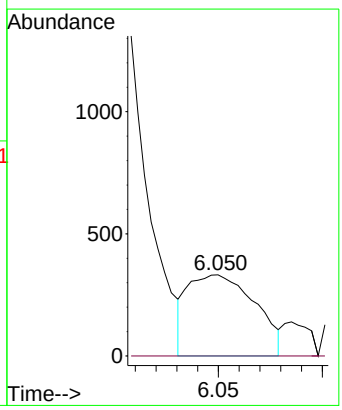


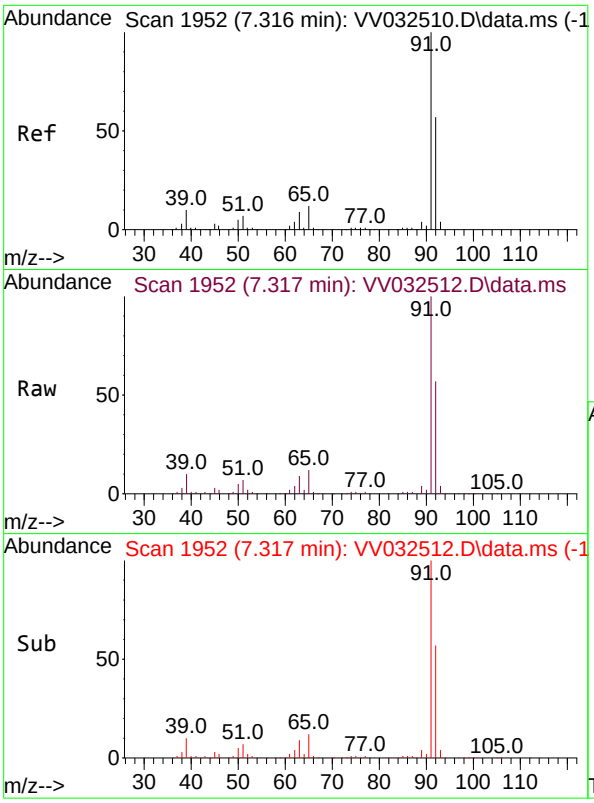




#37
1,2-Dichloropropane
Concen: 0.080 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.045 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 63 Resp: 751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |



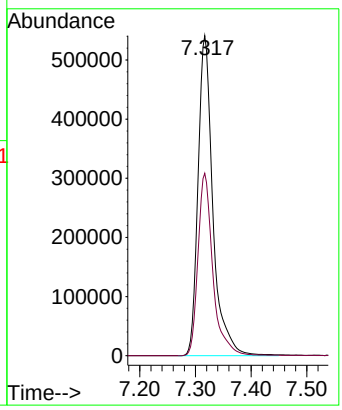


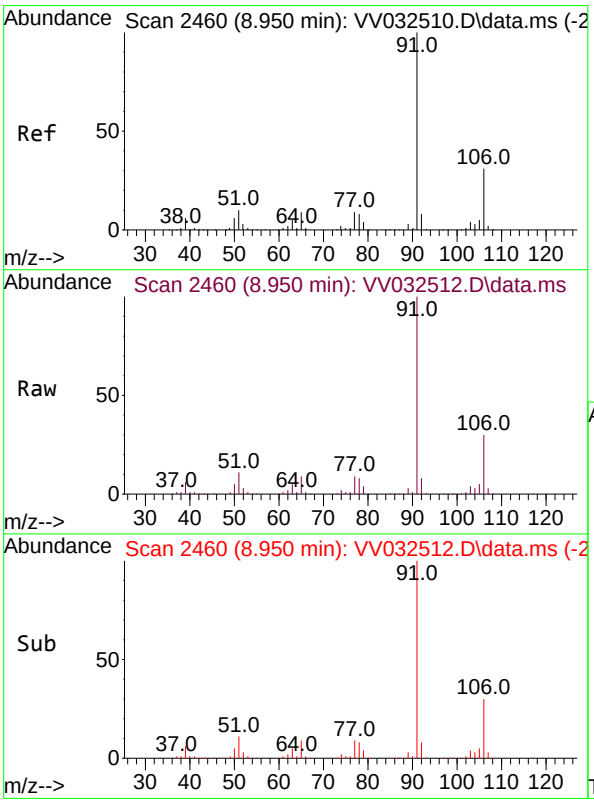

#42
Toluene
Concen: 26.883 ug/L
RT: 7.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 91 Resp: 1003058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.0 | 40.8 | 75.8 |

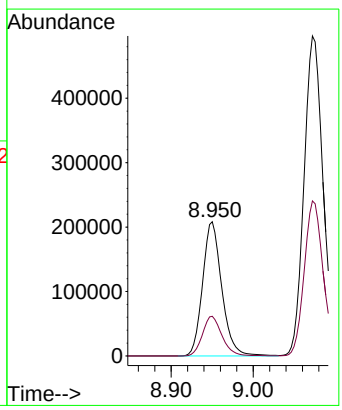


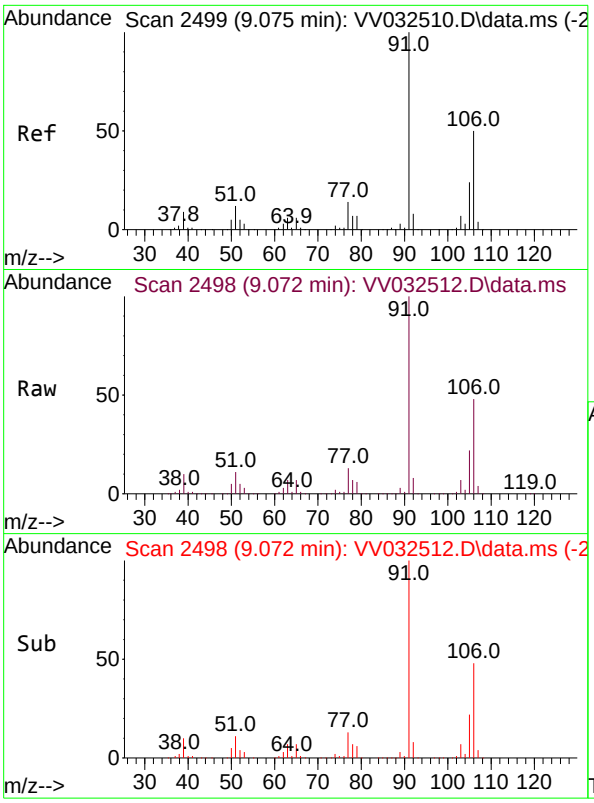




#52
Ethylbenzene
Concen: 8.152 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 91 Resp: 338690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.6 | 21.3 | 39.5 |



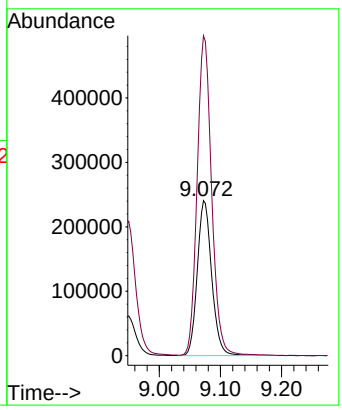


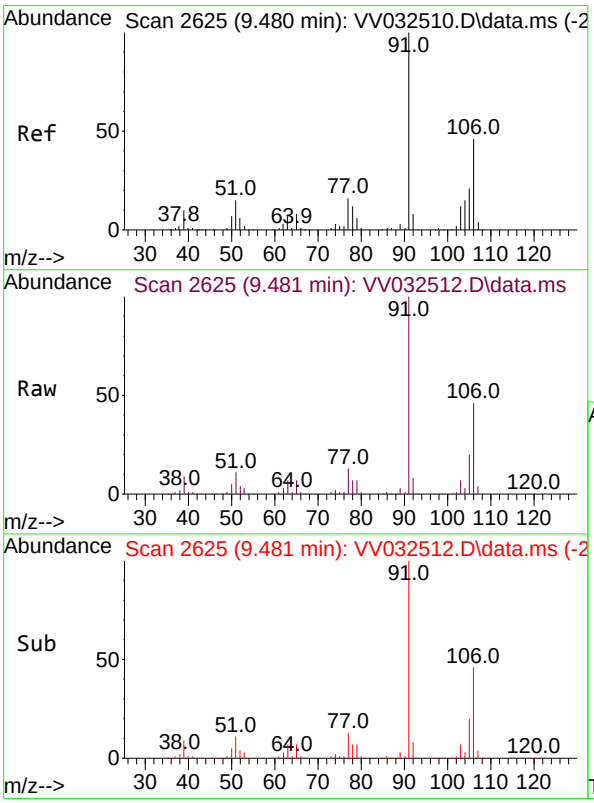

#53
m,p-Xylene
Concen: 25.510 ug/L
RT: 9.072 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:106 Resp: 393084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.4 | 144.5 | 268.3 |

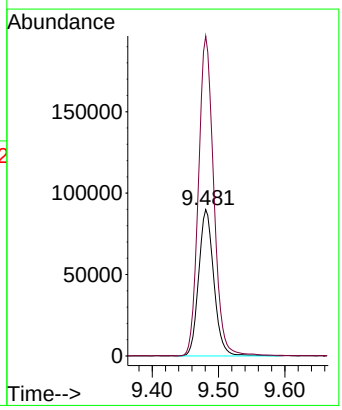


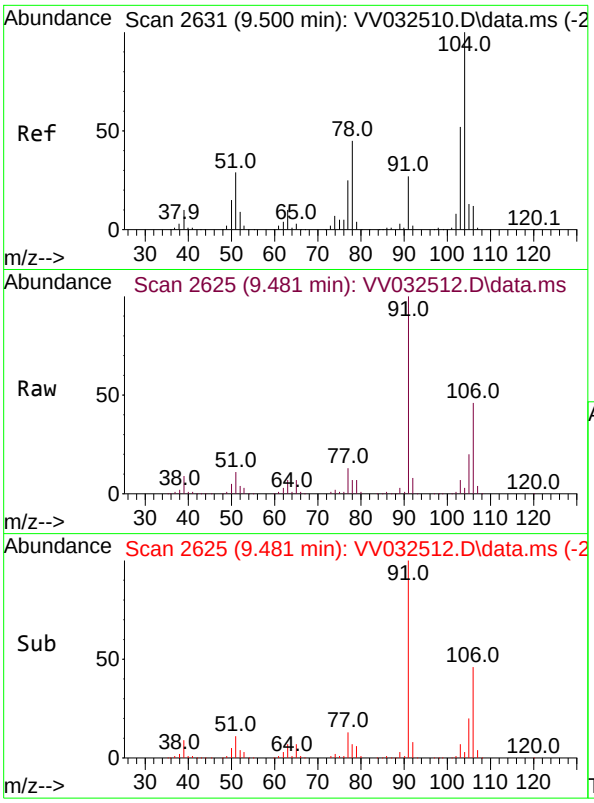




#54
o-Xylene
Concen: 9.643 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion:106 Resp: 143183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.7 | 154.8 | 287.4 |



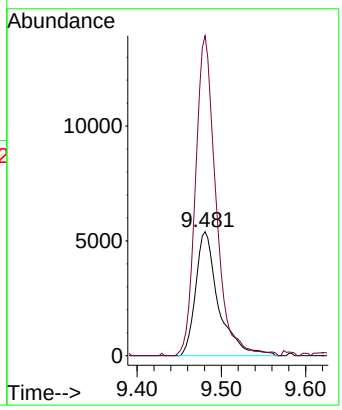


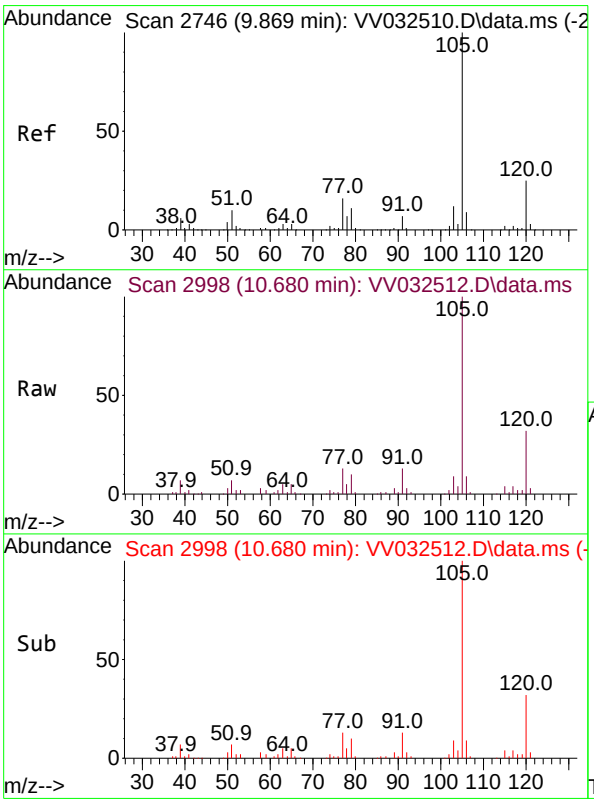

#55
Styrene
Concen: 0.406 ug/L
RT: 9.481 min Scan# 2
Delta R.T. -0.019 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:104 Resp: 10181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 258.1 | 29.9 | 55.5# |

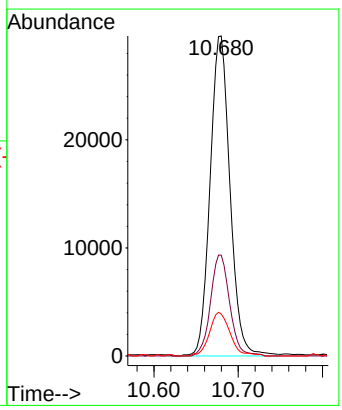


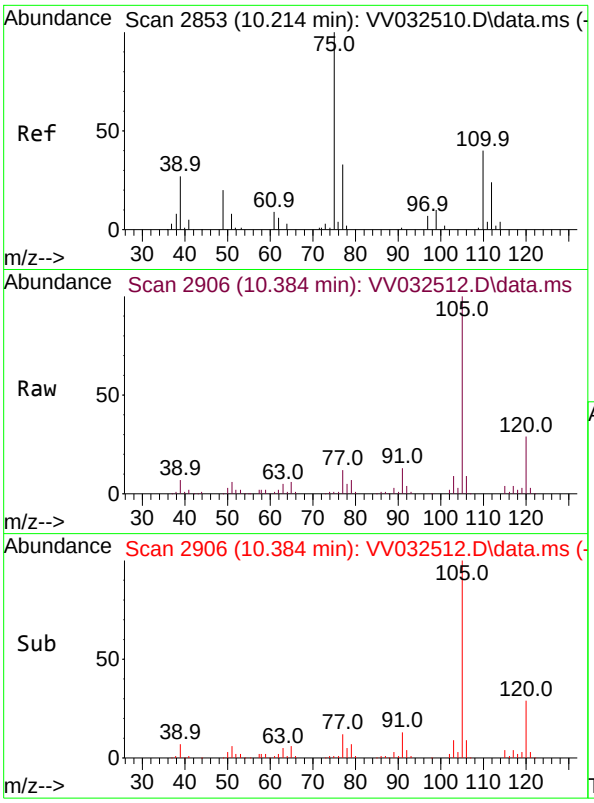




#60
Isopropylbenzene
Concen: 1.184 ug/L
RT: 10.680 min Scan# 2998
Delta R.T. 0.810 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion:105 Resp: 48544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 30.3 | 21.0 | 31.6 |
| 77 | 14.2 | 12.6 | 19.0 |



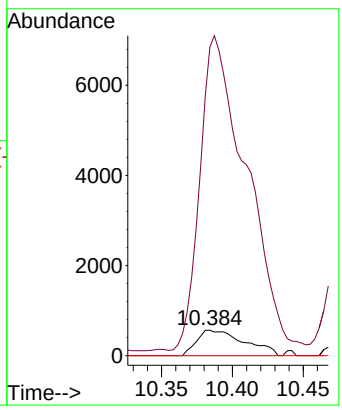


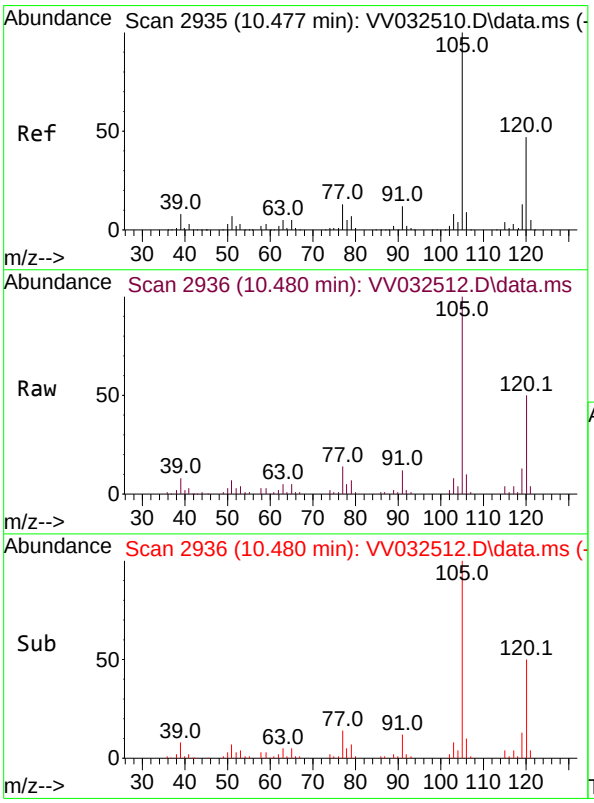

#61
1,2,3-Trichloropropane
Concen: 0.237 ug/L
RT: 10.384 min Scan# 2
Delta R.T. 0.171 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 75 Resp: 1328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1212.7 | 26.2 | 39.2# |
| 110 | 0.0 | 30.6 | 46.0# |

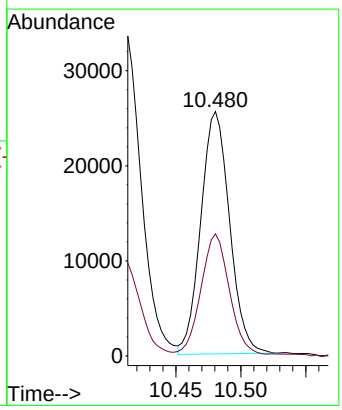


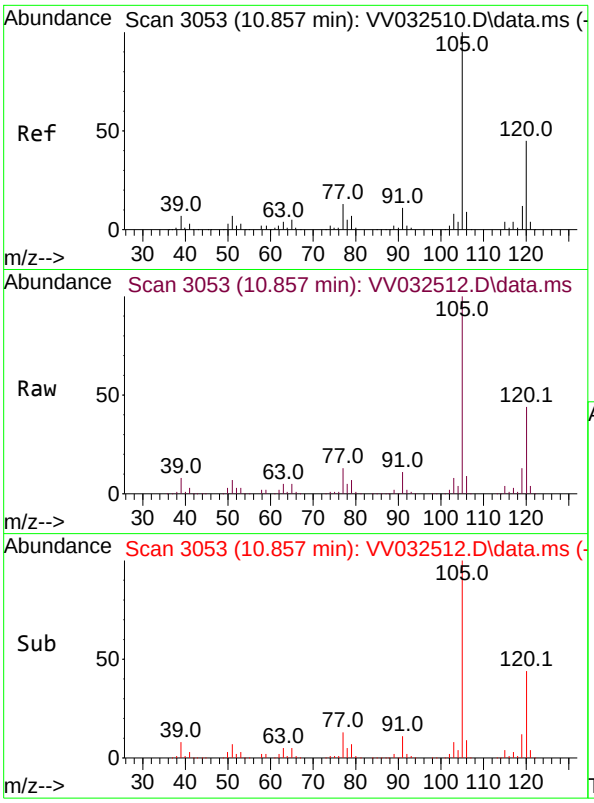




#62
1,3,5-Trimethylbenzene
Concen: 1.176 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion:105 Resp: 39297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 39.9 | 59.9 |



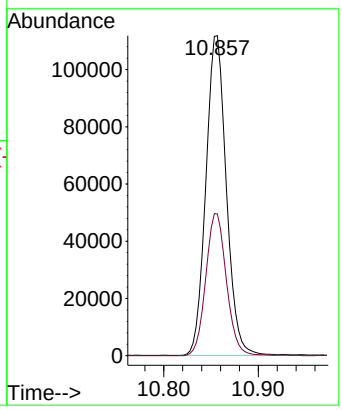


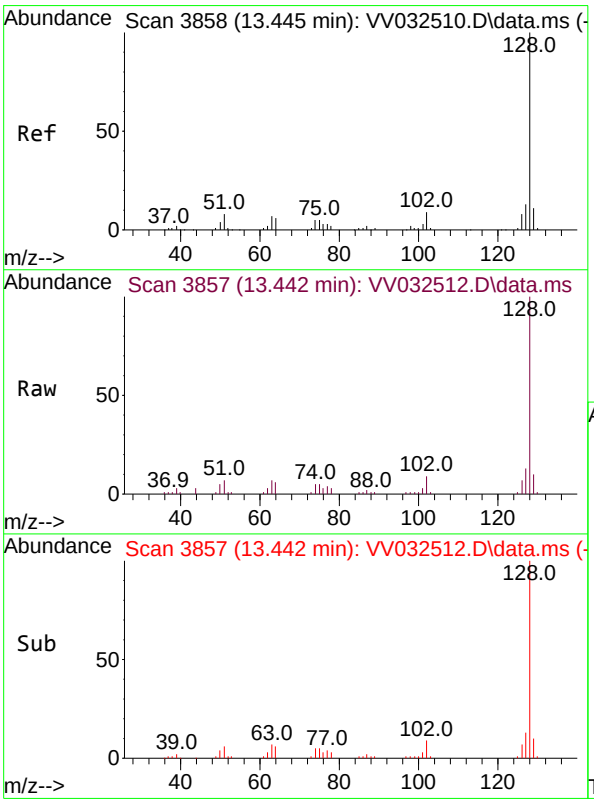

#63
1,2,4-Trimethylbenzene
Concen: 5.052 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:105 Resp: 167989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 36.2 | 54.4 |




#71
Naphthalene
Concen: 1.905 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion:128 Resp: 41146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.4 |
| 127 | 13.8 | 10.2 | 15.2 |