Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055091.D
Acq On : 05 Sep 2023 14:00
Operator : MD/SY
Sample : 04267-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Sep 06 02:17:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration

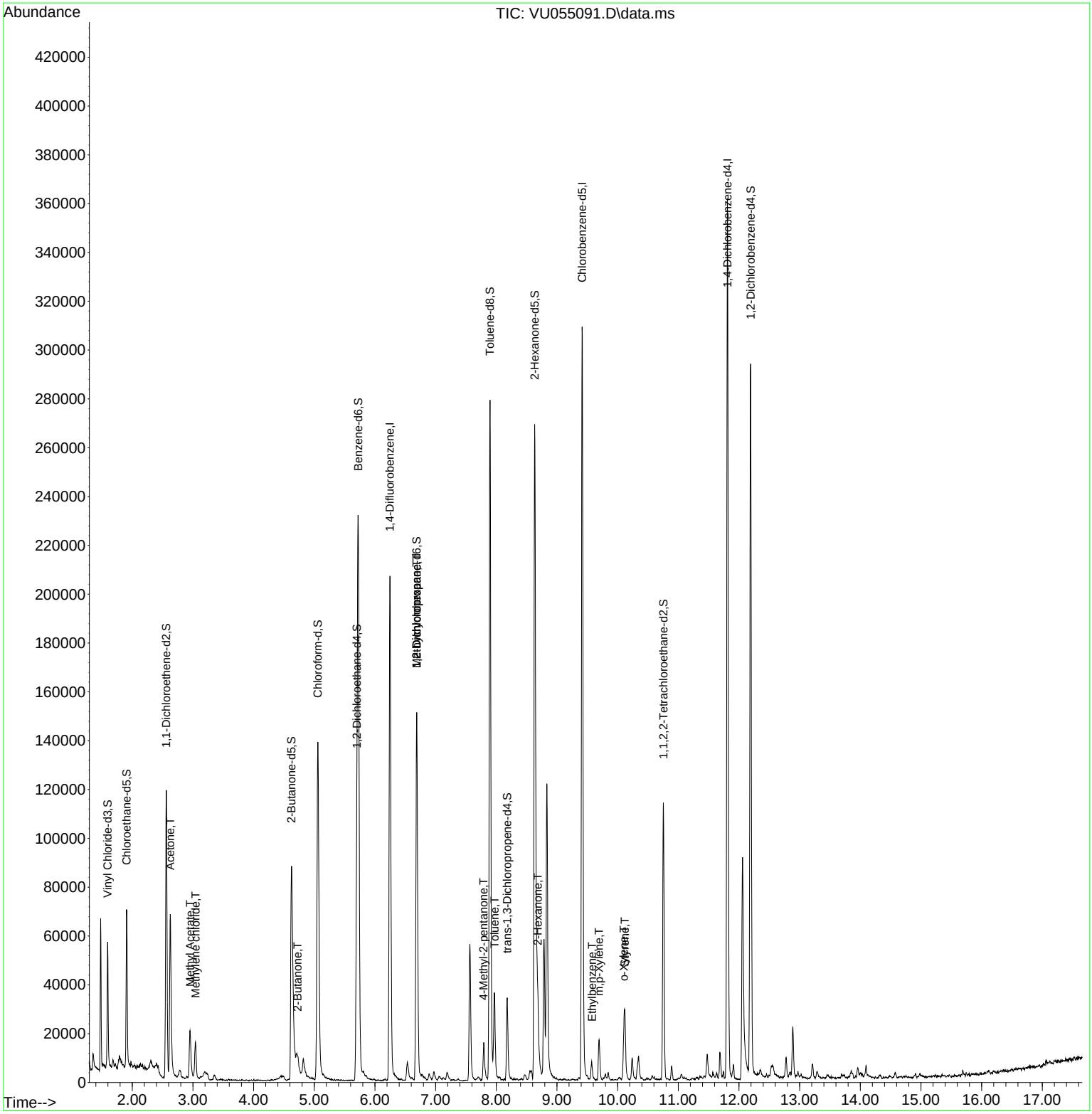
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.248 | 114 | 164159 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.415 | 117 | 169836 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.810 | 152 | 88773 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 36122 | 4.695 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.800% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 44504 | 4.997 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 22218 | 5.068 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 101.400% | | | |
| 20) 2-Butanone-d5 | 4.624 | 46 | 139047 | 62.278 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 124.560% | | | |
| 24) Chloroform-d | 5.058 | 84 | 111058 | 5.440 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 108.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.701 | 65 | 57271 | 5.607 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 112.200% | | | |
| 32) Benzene-d6 | 5.724 | 84 | 214603 | 5.119 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.688 | 67 | 71813 | 5.386 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.800% | | | |
| 41) Toluene-d8 | 7.897 | 98 | 191036 | 4.947 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.180 | 79 | 18868 | 5.138 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 102.800% | | | |
| 46) 2-Hexanone-d5 | 8.634 | 63 | 86791 | 58.220 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 116.440% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84 | 54014 | 5.760 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 115.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.193 | 152 | 70553 | 5.445 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.628 | 43 | 76478 | 51.108 | ug/L | 98 |
| 15) Methyl Acetate | 2.952 | 43 | 27146 | 8.863 | ug/L | 98 |
| 16) Methylene chloride | 3.042 | 84 | 6555 | 0.565 | ug/L | 95 |
| 21) 2-Butanone | 4.724 | 43 | 12984 | 5.906 | ug/L | 93 |
| 35) Methylcyclohexane | 6.688 | 83 | 15971 | 1.133 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.688 | 63 | 7870 | 0.800 | ug/L # | 88 |
| 40) 4-Methyl-2-pentanone | 7.791 | 43 | 10731 | 1.912 | ug/L # | 89 |
| 42) Toluene | 7.971 | 91 | 25019 | 0.649 | ug/L | 95 |
| 48) 2-Hexanone | 8.685 | 43 | 16855 | 3.833 | ug/L # | 83 |
| 52) Ethylbenzene | 9.579 | 91 | 5760 | 0.134 | ug/L | 89 |
| 53) m,p-Xylene | 9.695 | 106 | 5106 | 0.320 | ug/L | 85 |
| 54) o-Xylene | 10.103 | 106 | 3080 | 0.196 | ug/L | 100 |
| 55) Styrene | 10.119 | 104 | 13536 | 0.522 | ug/L | 96 |

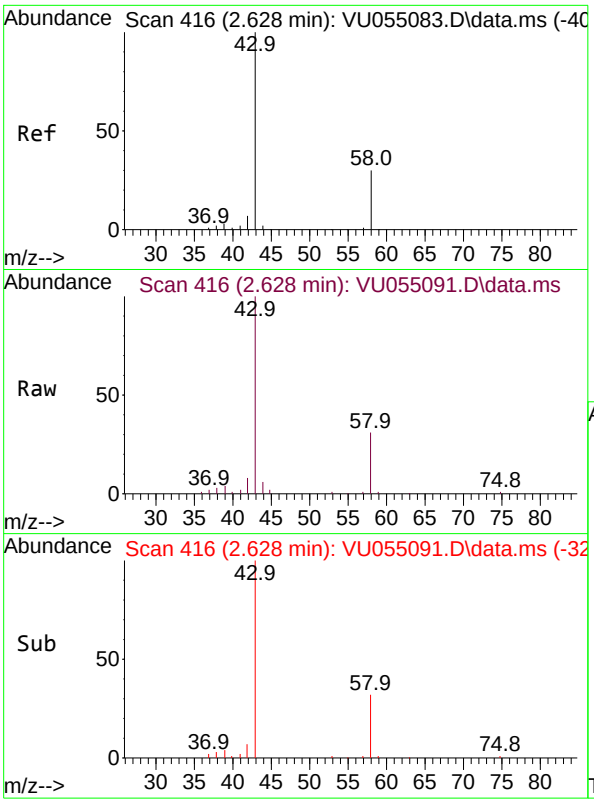
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055091.D
Acq On : 05 Sep 2023 14:00
Operator : MD/SY
Sample : 04267-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Sep 06 02:17:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration



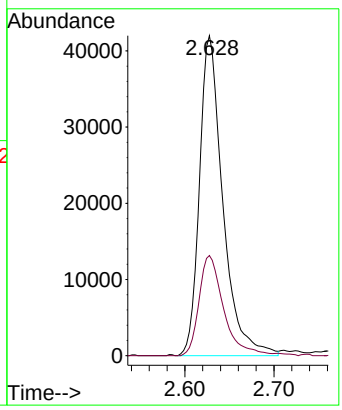


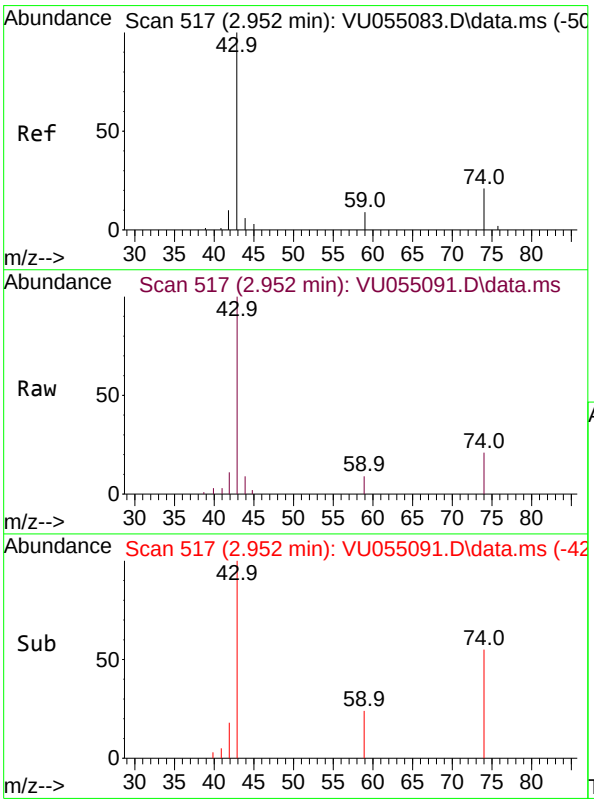

#13
Acetone
Concen: 51.108 ug/L
RT: 2.628 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 76478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.9 | 0.0 | 67.8 |

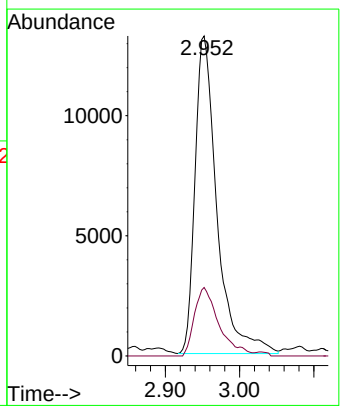


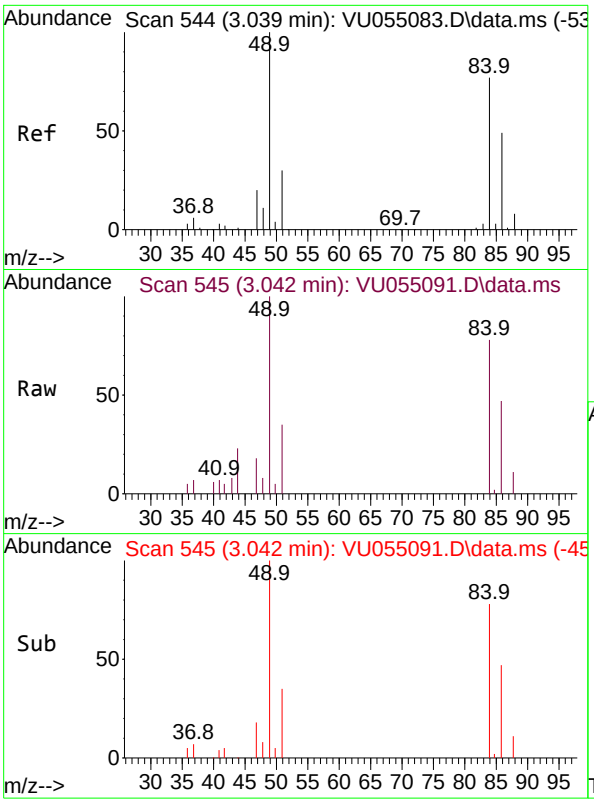




#15
Methyl Acetate
Concen: 8.863 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 43 Resp: 27146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.0 | 18.4 | 27.6 |



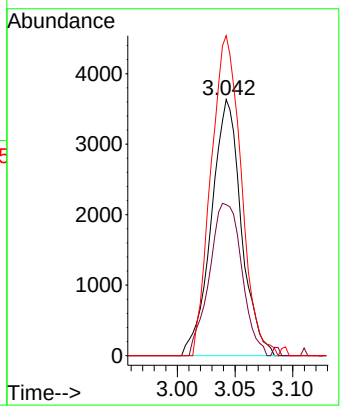


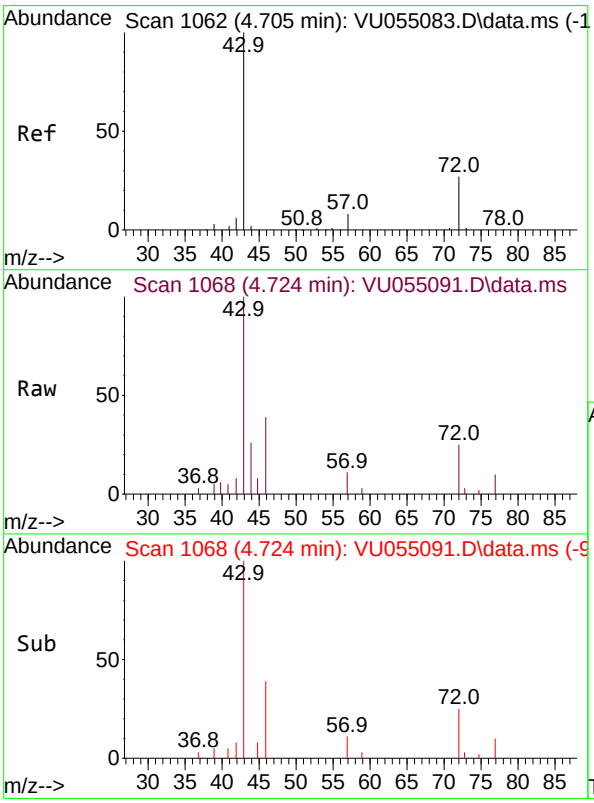

#16
Methylene chloride
Concen: 0.565 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 84 Resp: 6555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.0 | 43.4 | 80.6 |
| 49 | 131.5 | 87.7 | 162.9 |

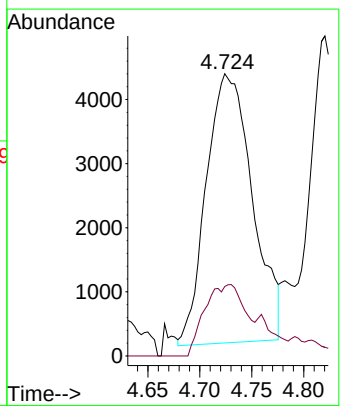


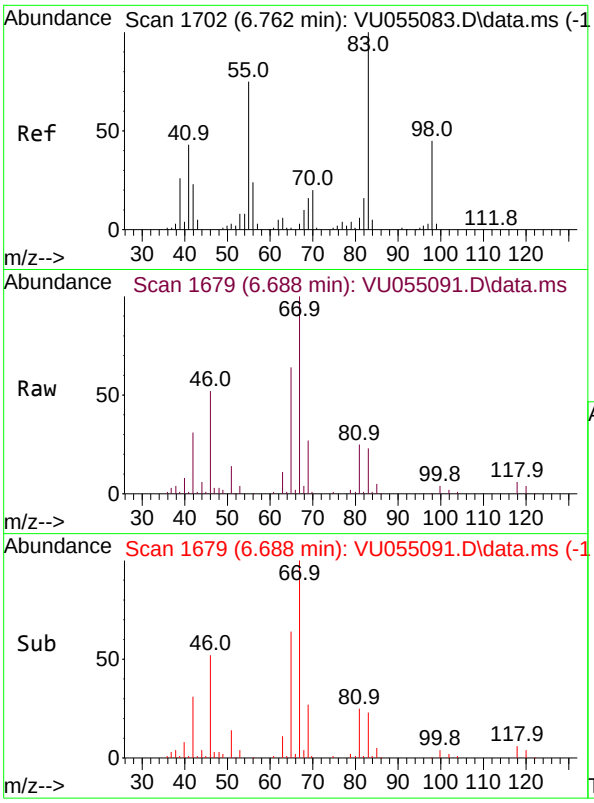




#21
2-Butanone
Concen: 5.906 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.019 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 43 Resp: 12984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.3 | 13.5 | 40.5 |



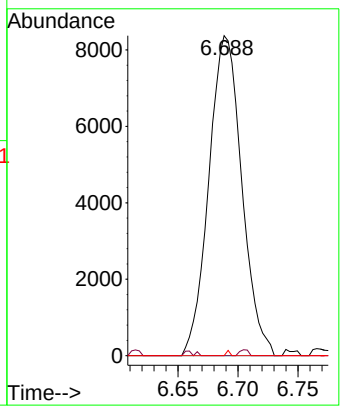


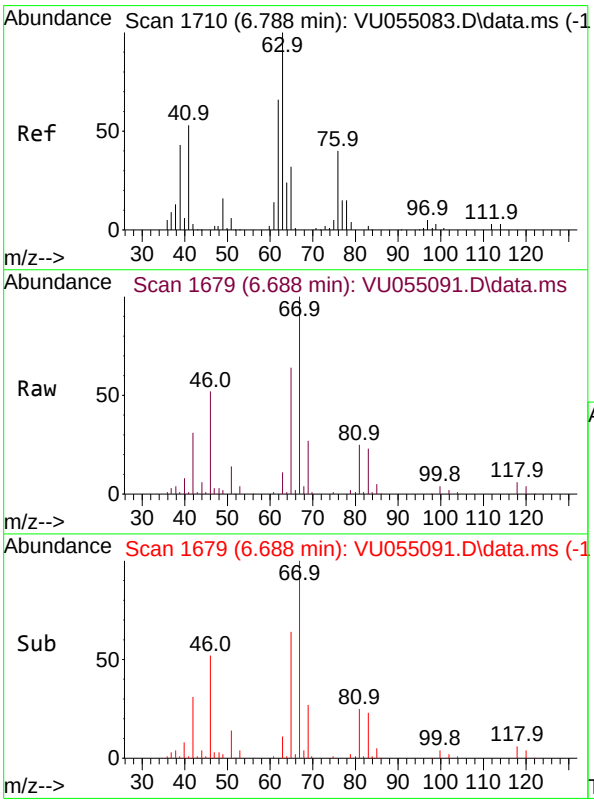

#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 83 Resp: 15971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 60.4 | 90.6# |
| 98 | 0.2 | 35.3 | 52.9# |

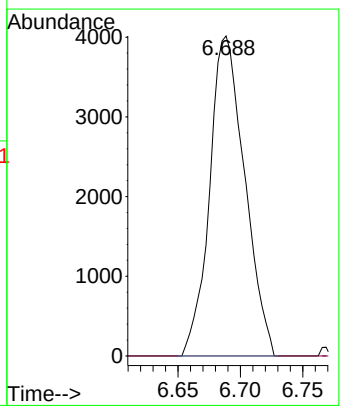


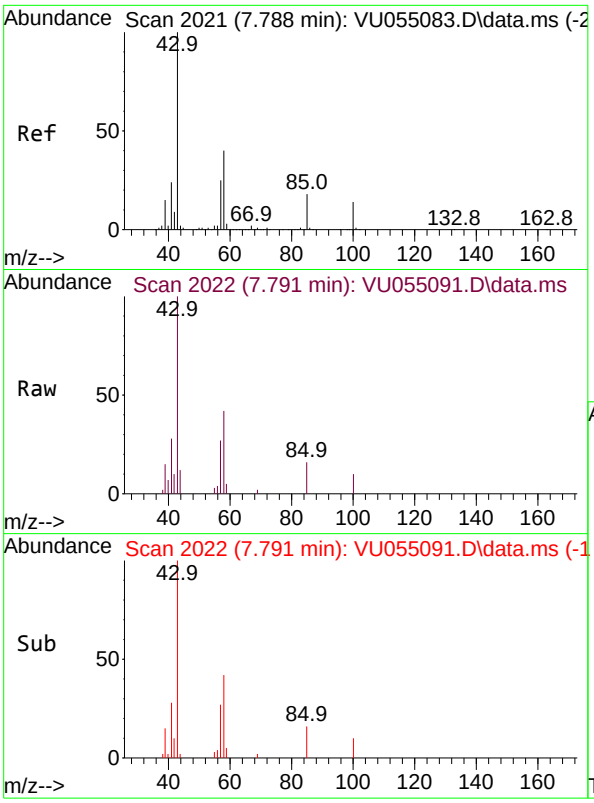




#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 63 Resp: 7870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |



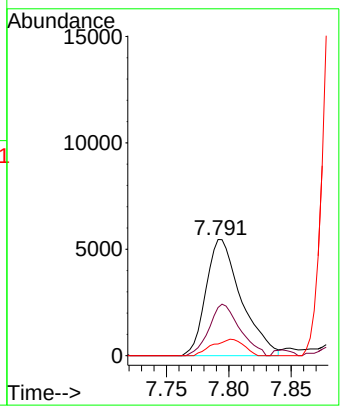


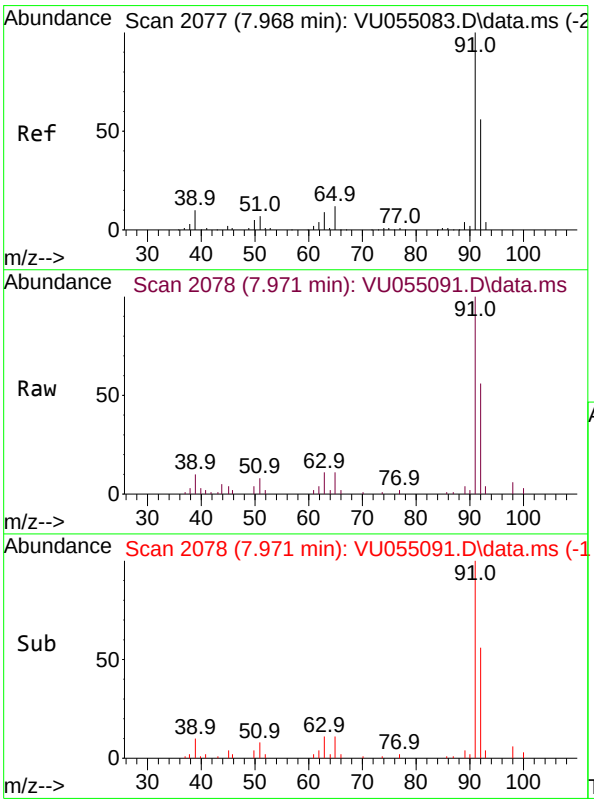

#40
4-Methyl-2-pentanone
Concen: 1.912 ug/L
RT: 7.791 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 10731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 31.5 | 47.3 |
| 100 | 0.0 | 11.8 | 17.8# |

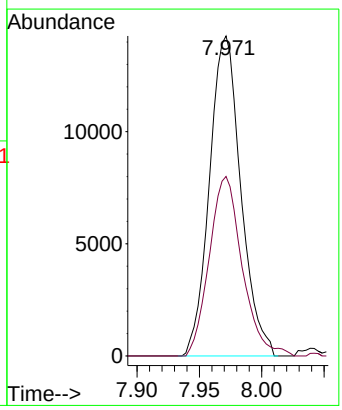


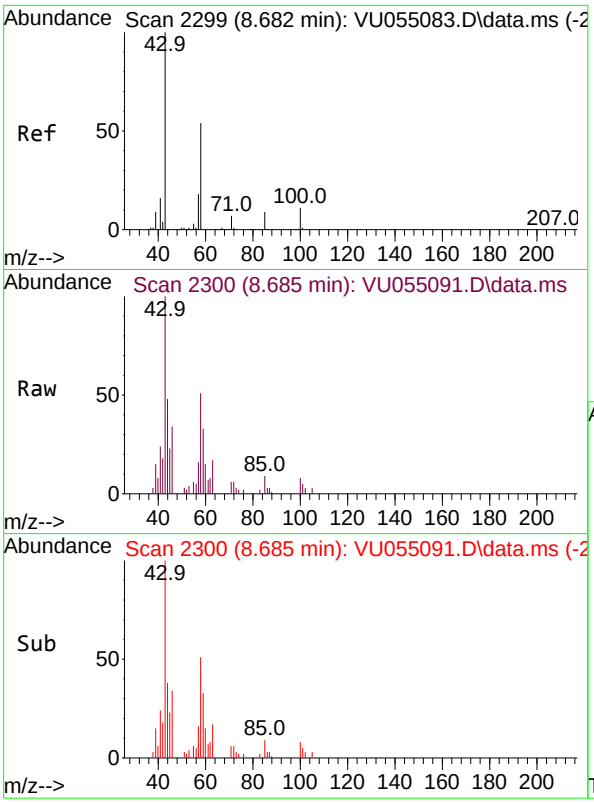




#42
Toluene
Concen: 0.649 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 91 Resp: 25019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.1 | 41.9 | 77.9 |



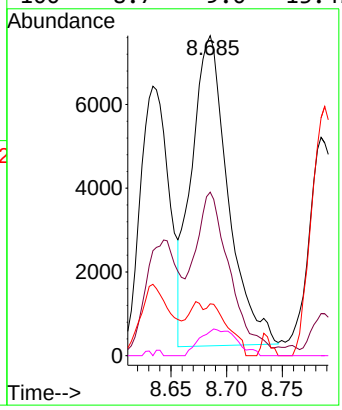


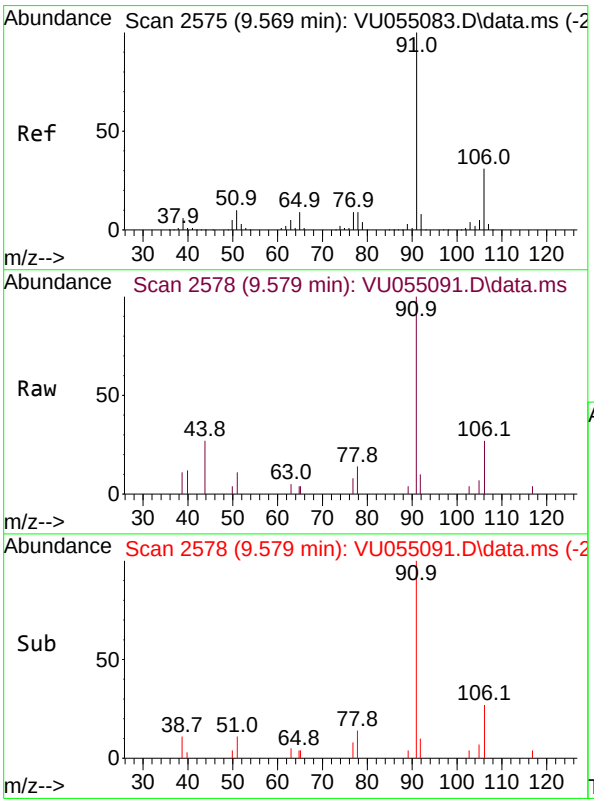

#48
2-Hexanone
Concen: 3.833 ug/L
RT: 8.685 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 16855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.2 | 44.0 | 66.0 |
| 57 | 1.9 | 16.2 | 24.2# |
| 100 | 8.7 | 9.0 | 13.4# |

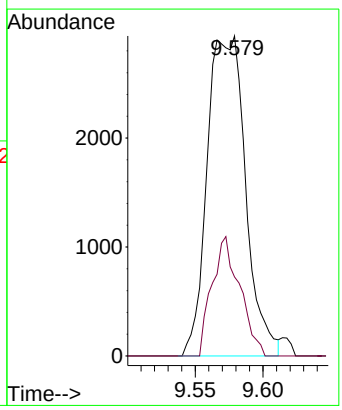


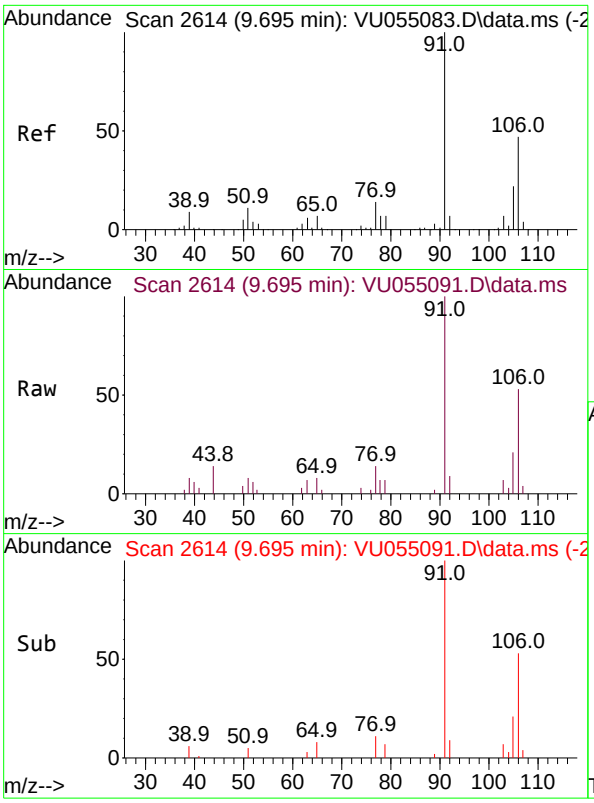




#52
Ethylbenzene
Concen: 0.134 ug/L
RT: 9.579 min Scan# 2578
Delta R.T. 0.010 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 91 Resp: 5760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 24.7 | 21.5 | 39.9 |



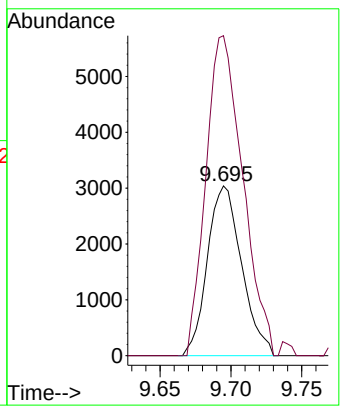


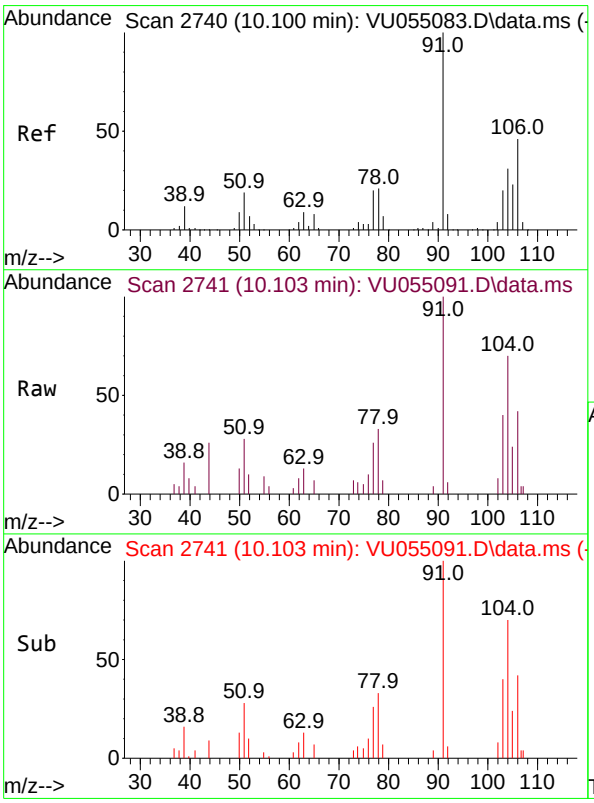

#53
m,p-Xylene
Concen: 0.320 ug/L
RT: 9.695 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion:106 Resp: 5106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 188.4 | 148.3 | 275.5 |

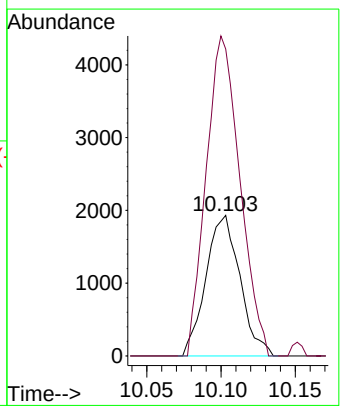


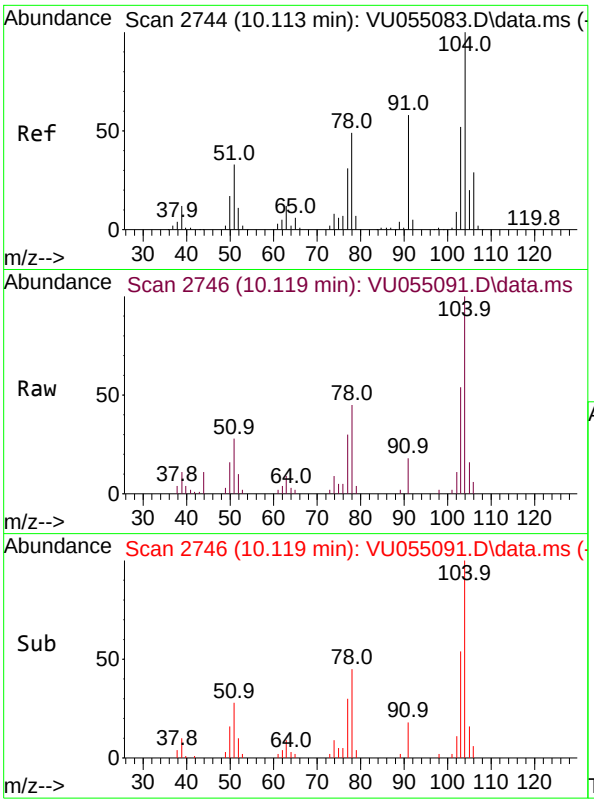




#54
o-Xylene
Concen: 0.196 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion:106 Resp: 3080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.2 | 152.9 | 284.1 |






#55
Styrene
Concen: 0.522 ug/L
RT: 10.119 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion:104 Resp: 13536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.5 | 32.8 | 61.0 |