Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052352.D
Acq On : 12 Dec 2022 15:00
Operator : JC/MD
Sample : N5930-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Quant Time: Dec 13 01:04:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 263687 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 270372 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 113470 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 85432 | 3.331 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 66.600% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 74687 | 3.749 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 75.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.568 | 65 | 34169 | 3.717 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 74.400% | | | |
| 20) 2-Butanone-d5 | 4.639 | 46 | 238937 | 51.393 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.780% | | | |
| 24) Chloroform-d | 5.063 | 84 | 174480 | 4.630 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 83572 | 4.390 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.800% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 327551 | 4.081 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 109136 | 4.393 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 87.800% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 259443 | 3.572 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 35873 | 3.963 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 79.200% | | | |
| 46) 2-Hexanone-d5 | 8.632 | 63 | 164715 | 42.936 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.880% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 96042 | 4.459 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 101324 | 4.664 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 93.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572 | 101 | 1053 | 0.055 | ug/L # | 24 |
| 13) Acetone | 2.655 | 43 | 35450 | 11.229 | ug/L | 96 |
| 16) Methylene chloride | 3.047 | 84 | 114642 | 4.430 | ug/L | 98 |
| 25) Chloroform | 5.086 | 83 | 353554 | 9.441 | ug/L | 95 |
| 34) Trichloroethene | 6.542 | 95 | 11601 | 0.529 | ug/L | 96 |
| 37) 1,2-Dichloropropane | 6.687 | 63 | 10616 | 0.466 | ug/L # | 89 |
| 38) Bromodichloromethane | 7.105 | 83 | 8227 | 0.296 | ug/L # | 96 |
| 49) Dibromochloromethane | 8.806 | 129 | 1639 | 0.085 | ug/L | 90 |
| 53) m,p-Xylene | 9.690 | 106 | 3315 | 0.097 | ug/L | 90 |
| 61) 1,2,3-Trichloropropane | 11.809 | 75 | 12836 | 0.988 | ug/L # | 67 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
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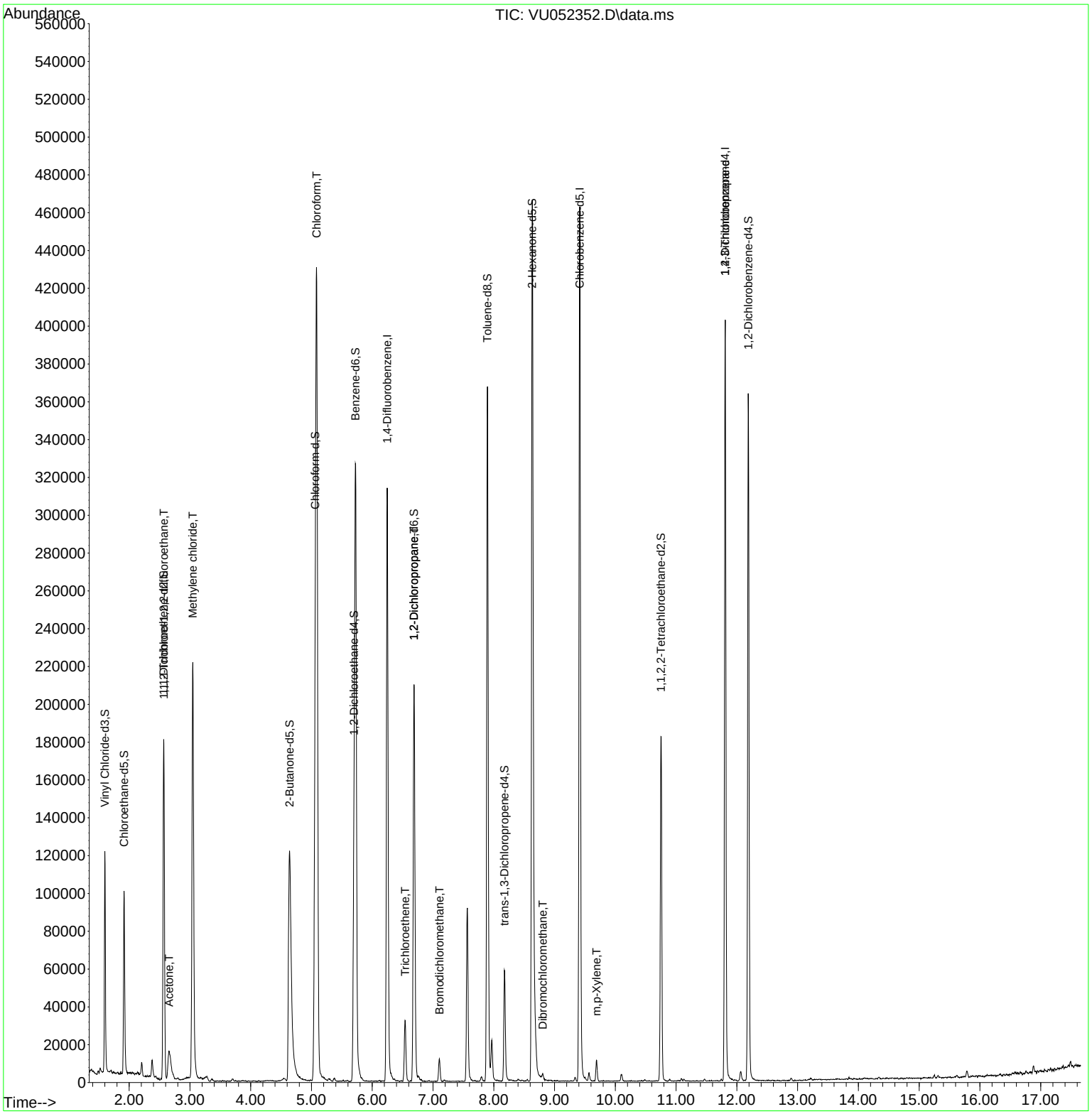
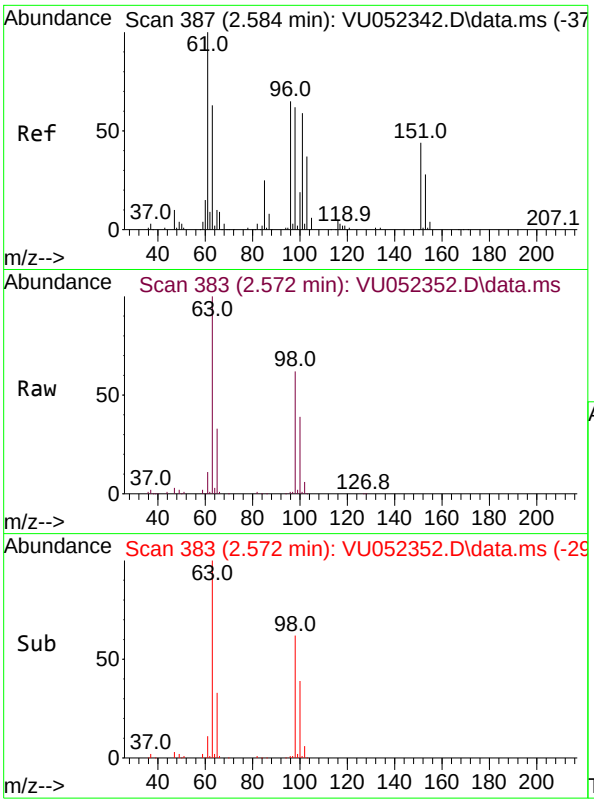
Operator : JC/MD
Sample : N5930-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Quant Time: Dec 13 01:04:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration



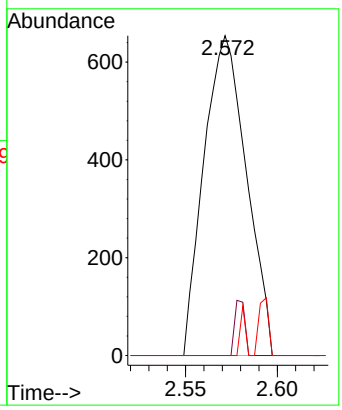


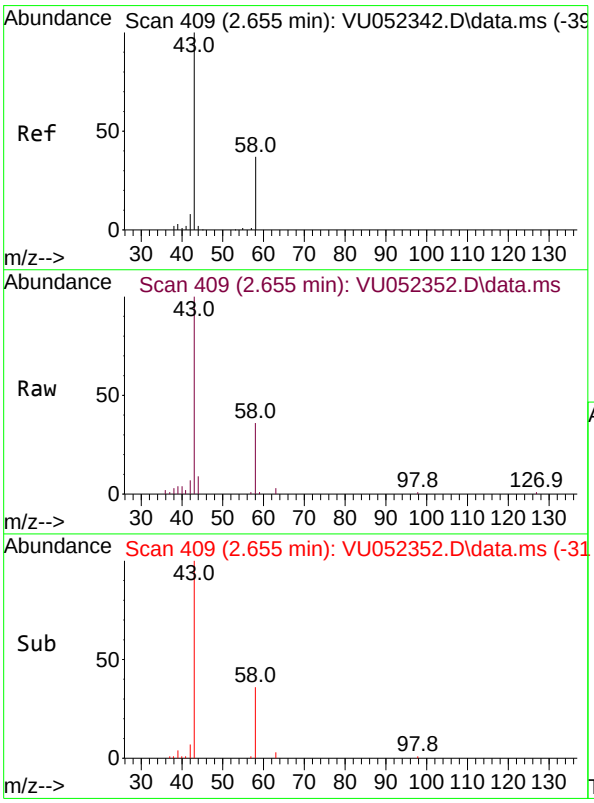

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Tgt Ion:101 Resp: 1053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 4.1 | 33.8 | 50.6# |
| 151 | 1.8 | 58.6 | 88.0# |

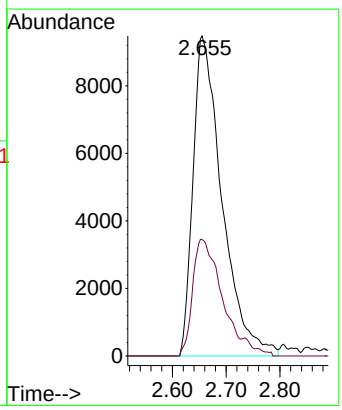


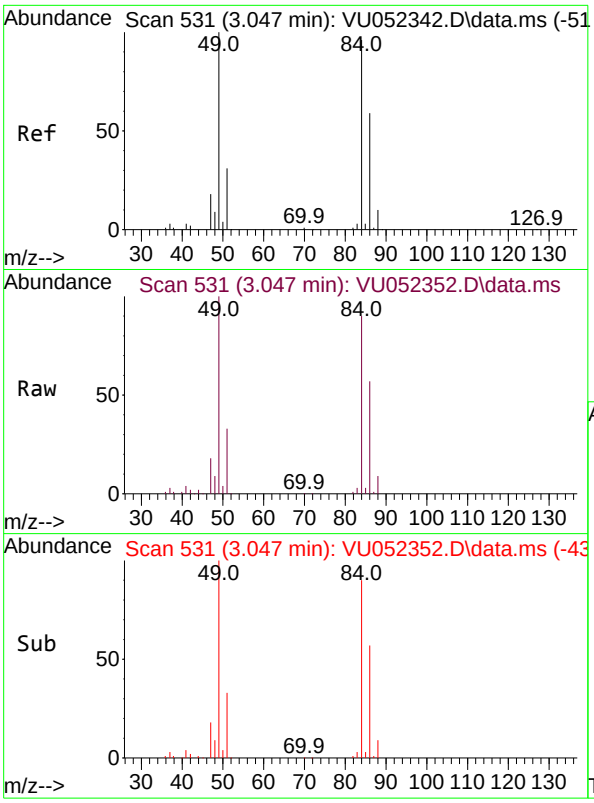




#13
Acetone
Concen: 11.229 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion: 43 Resp: 35450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.5 | 0.0 | 76.0 |



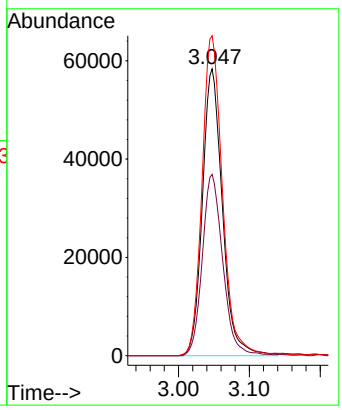


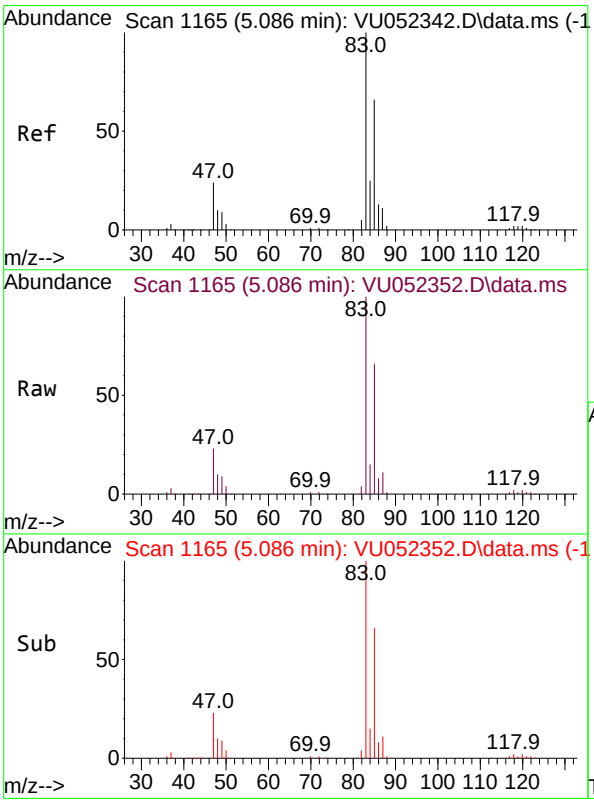

#16
Methylene chloride
Concen: 4.430 ug/L
RT: 3.047 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Tgt Ion: 84 Resp: 114642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.2 | 43.8 | 81.4 |
| 49 | 111.6 | 75.9 | 141.1 |

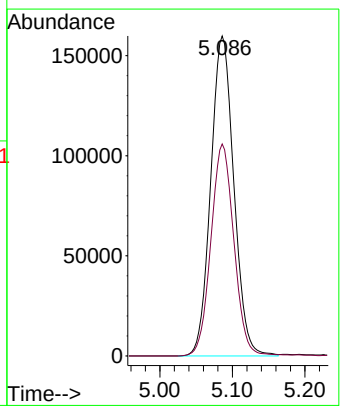


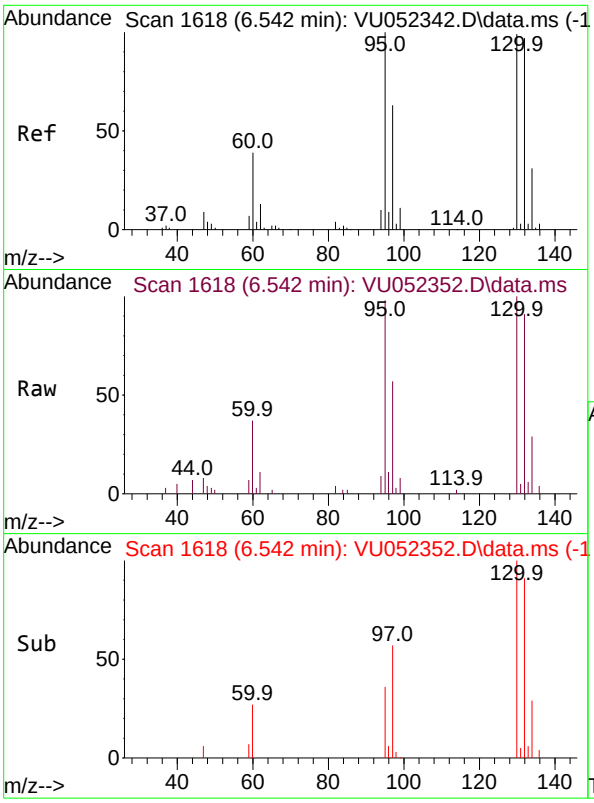




#25
Chloroform
Concen: 9.441 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion: 83 Resp: 353554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.3 | 43.8 | 81.4 |



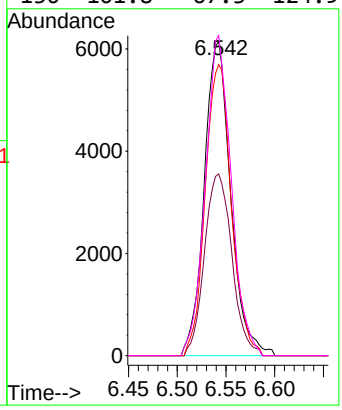


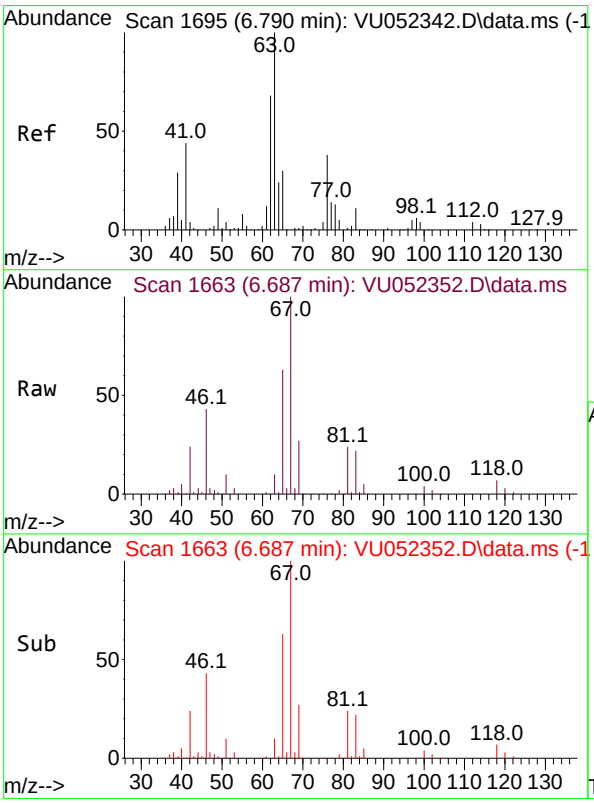

#34
Trichloroethene
Concen: 0.529 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Tgt Ion: 95 Resp: 11601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 57.8 | 43.7 | 81.1 |
| 132 | 92.6 | 64.3 | 119.3 |
| 130 | 101.8 | 67.3 | 124.9 |

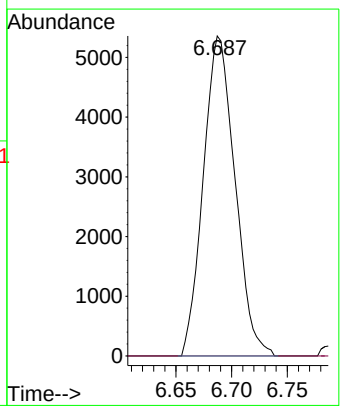


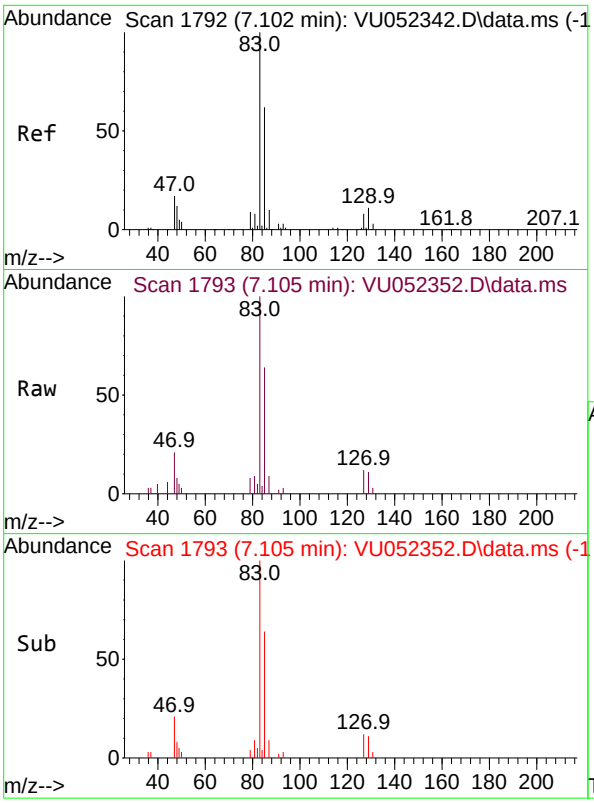




#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion: 63 Resp: 10616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.3 | 4.9# |



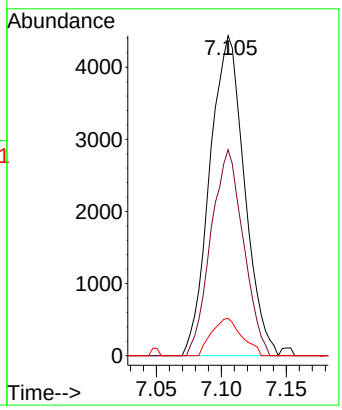


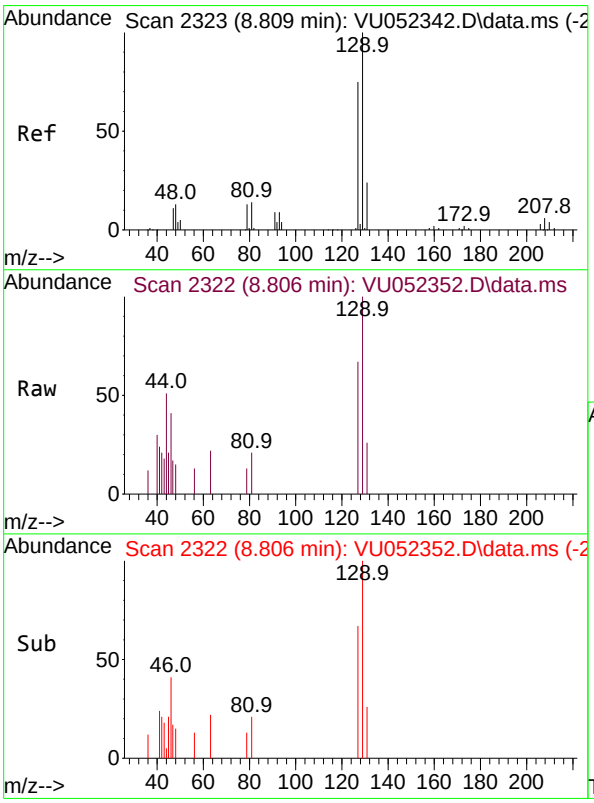

#38
Bromodichloromethane
Concen: 0.296 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Tgt Ion: 83 Resp: 8227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 43.5 | 80.9 |
| 127 | 11.7 | 6.8 | 10.2# |

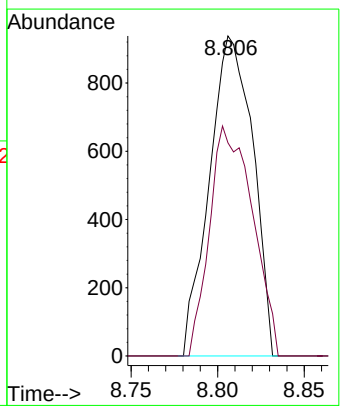


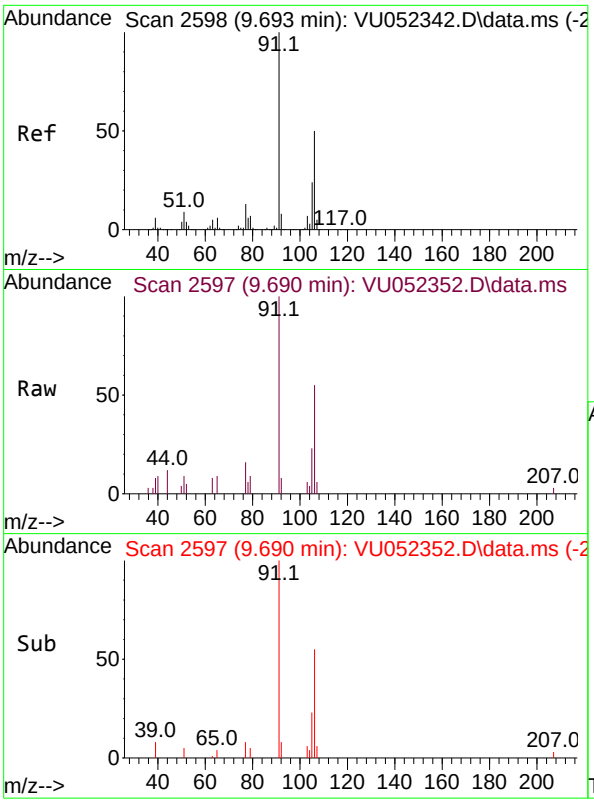




#49
Dibromochloromethane
Concen: 0.085 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion:129 Resp: 1639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 66.6 | 52.8 | 98.2 |



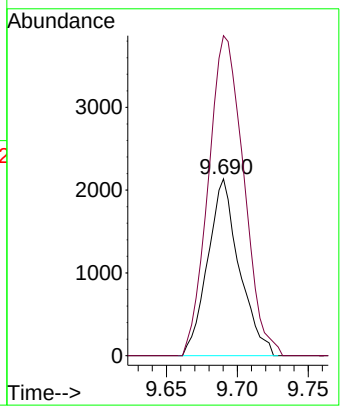


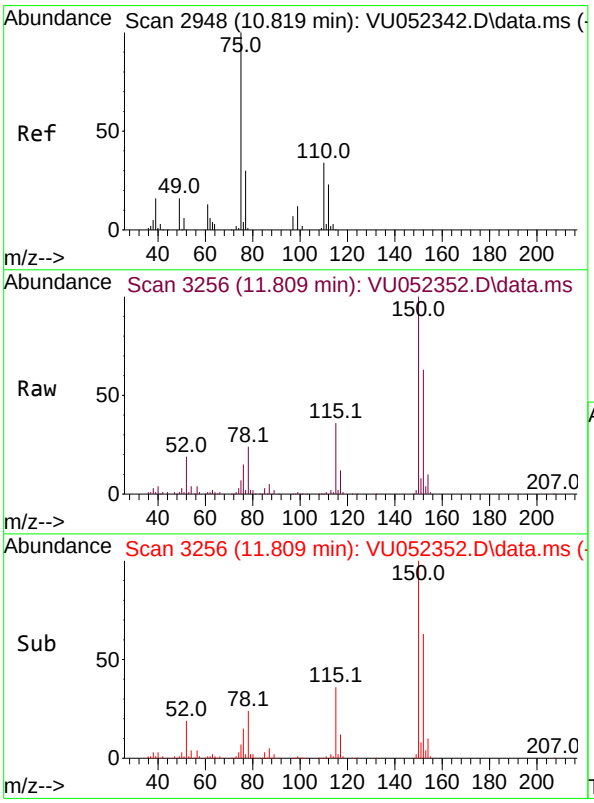

#53
m,p-Xylene
Concen: 0.097 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

**Instrument :**
MSVOA_U
**ClientSampleId :**
EXZ84

Tgt Ion:106 Resp: 3315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 181.0 | 137.7 | 255.7 |




#61
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052352.D
Acq: 12 Dec 2022 15:00

Tgt Ion: 75 Resp: 12836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 1.4 | 28.3 | 42.5# |
| 77 | 29.7 | 26.2 | 39.2 |