Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
Data File : VU048110.D
Acq On : 18 Apr 2022 10:46
Operator : SY/MD
Sample : VU0418MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK097

Quant Time: Apr 19 03:37:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 19 03:36:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.253 | 114 | 351471 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.420 | 117 | 371627 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 186195 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 129326 | 50.741 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 101.480% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 106554 | 53.020 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 106.040% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.572 | 63 | 166324 | 35.668 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 71.340% | | | |
| 21) 2-Butanone-d5 | 4.626 | 46 | 200769 | 91.774 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 91.770% | | | |
| 24) Chloroform-d | 5.067 | 84 | 225804 | 48.419 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.840% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 139605 | 48.809 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.620% | | | |
| 32) Benzene-d6 | 5.732 | 84 | 459352 | 49.122 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.240% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.694 | 67 | 145941 | 50.818 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.640% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 403747 | 44.315 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 88.640% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 64304 | 44.197 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.400% | | | |
| 47) 2-Hexanone-d5 | 8.636 | 63 | 141910 | 84.411 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.410% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 213129 | 43.244 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.480% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 169524 | 51.176 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.360% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572 | 101 | 1689 | 0.652 | ug/L # | 18 |
| 12) 1,1-Dichloroethene | 2.568 | 96 | 1491 | 0.618 | ug/L # | 1 |
| 35) Methylcyclohexane | 6.694 | 83 | 34731 | 8.095 | ug/L # | 20 |
| 44) trans-1,3-Dichloropropene | 8.182 | 75 | 2706 | 0.639 | ug/L | 92 |
| 69) 1,3,5-Trichlorobenzene | 13.844 | 180 | 6154 | 1.355 | ug/L | 97 |
| 71) Naphthalene | 14.089 | 128 | 35115 | 2.960 | ug/L | 98 |

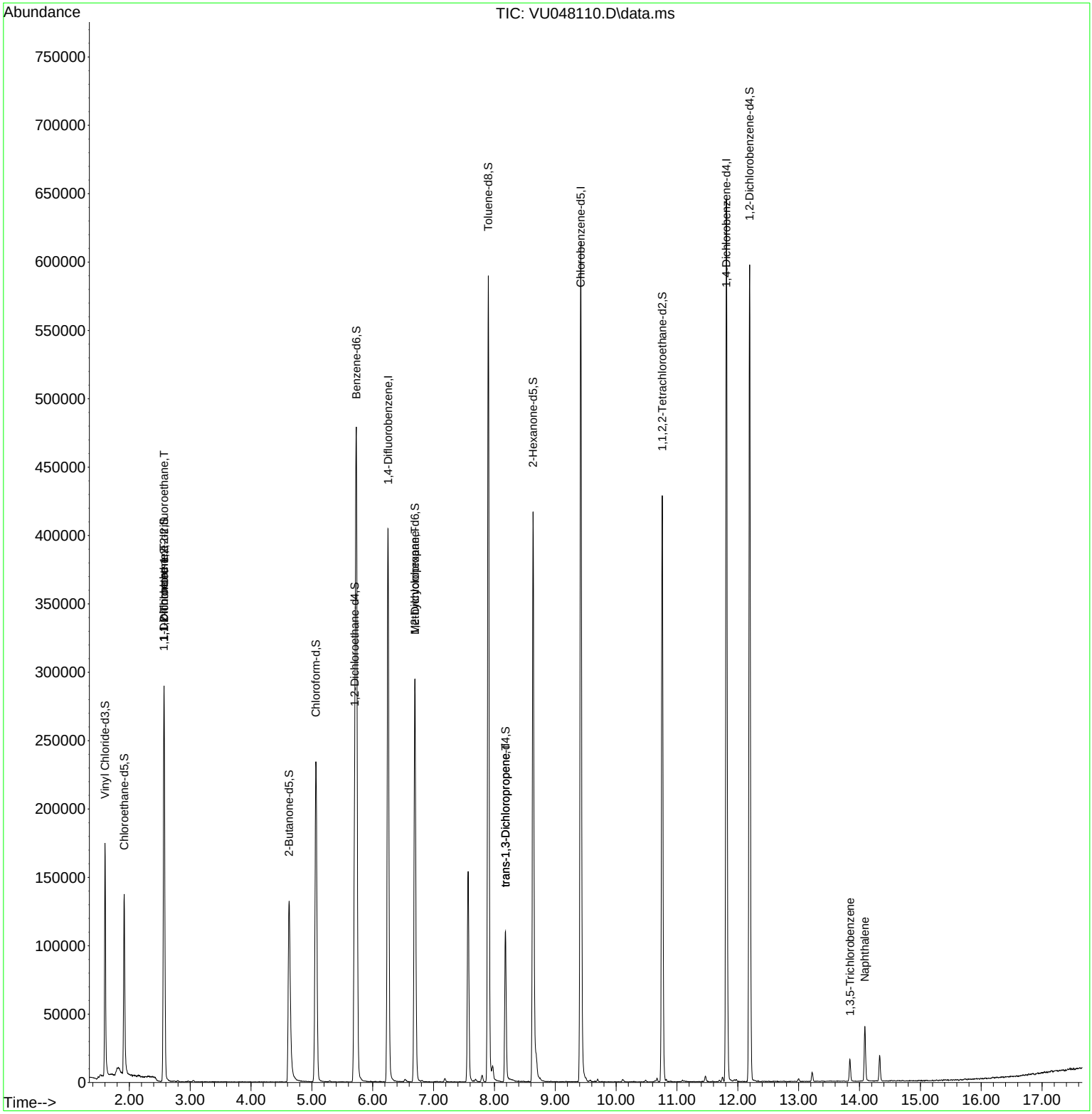
(#) = qualifier out of range (m) = manual integration (+) = signals summed

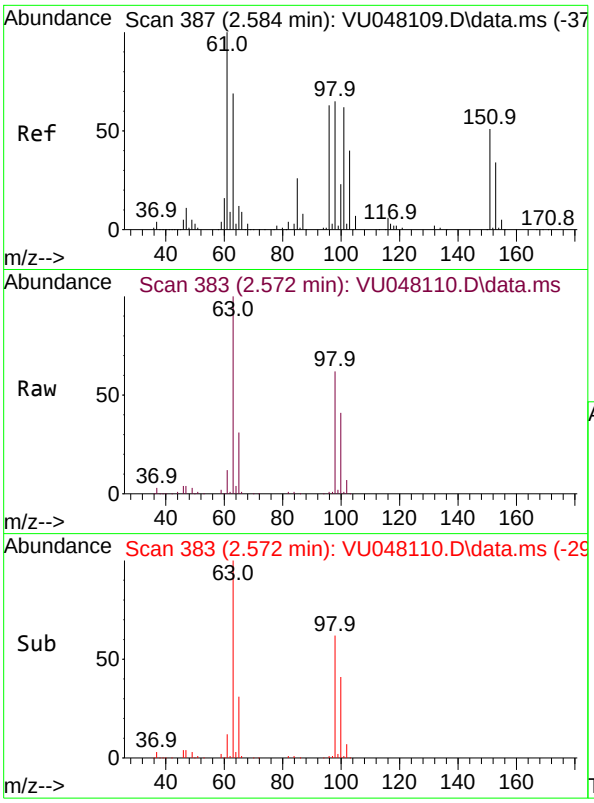
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
Data File : VU048110.D
Acq On : 18 Apr 2022 10:46
Operator : SY/MD
Sample : VU0418MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK097

Quant Time: Apr 19 03:37:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 19 03:36:43 2022
Response via : Initial Calibration



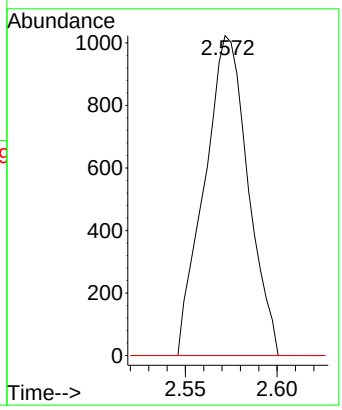


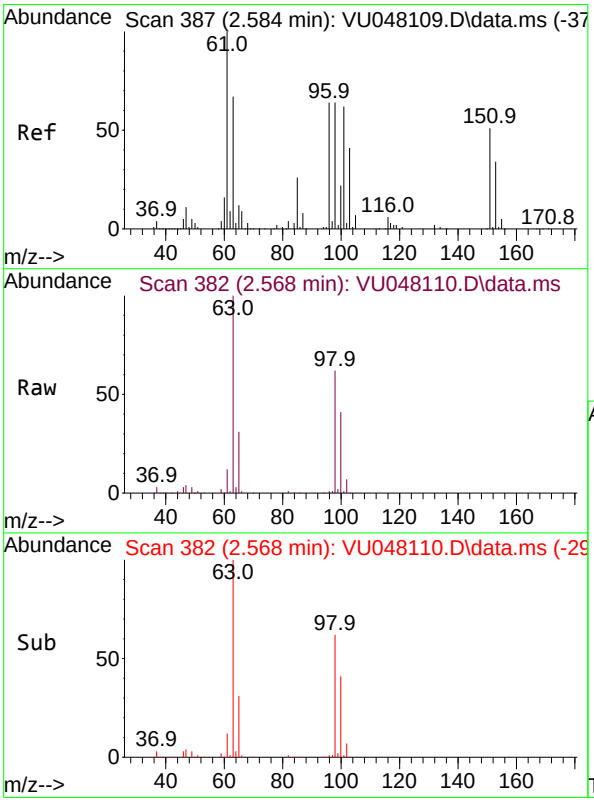

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.652 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK097

Tgt Ion:101 Resp: 1689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 32.8 | 49.2# |
| 151 | 0.0 | 63.0 | 94.6# |

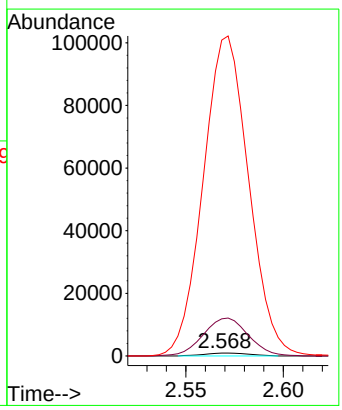


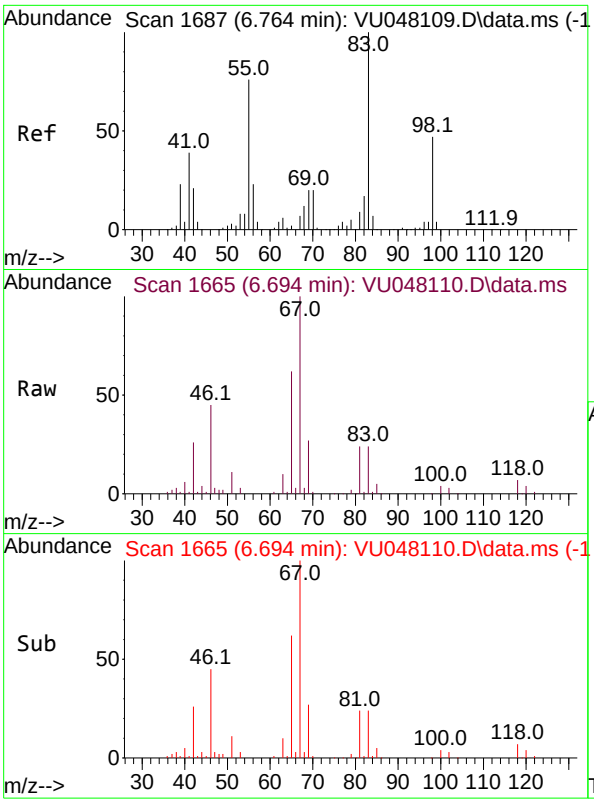




#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

Tgt Ion: 96 Resp: 1491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1279.7 | 113.1 | 210.1# |
| 63 | 10881.6 | 94.8 | 176.0# |



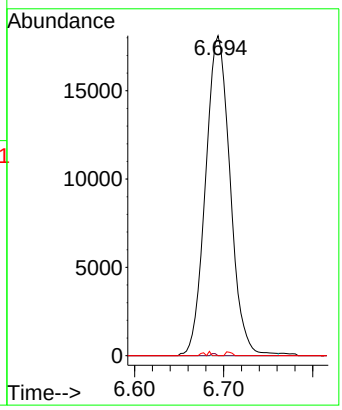


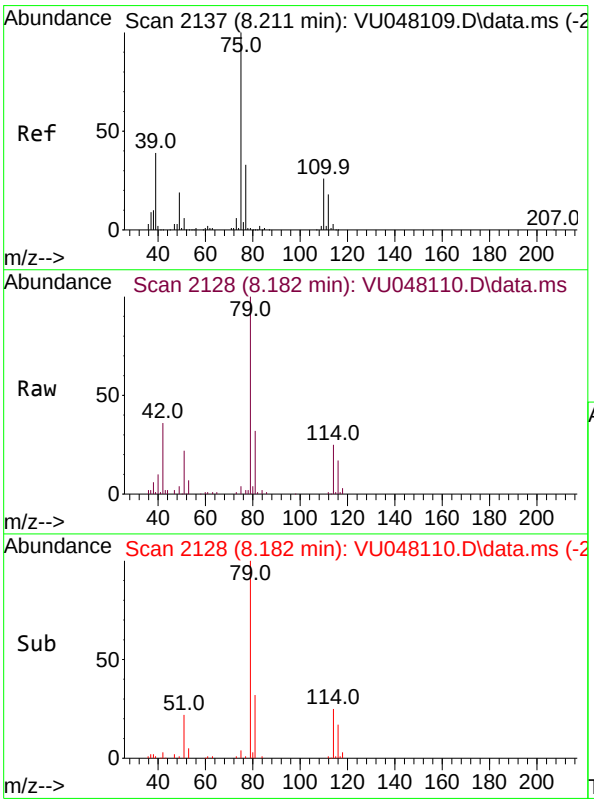

#35
Methylcyclohexane
Concen: 8.095 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK097

Tgt Ion: 83 Resp: 34731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 56.8 | 85.2# |
| 98 | 0.3 | 38.1 | 57.1# |

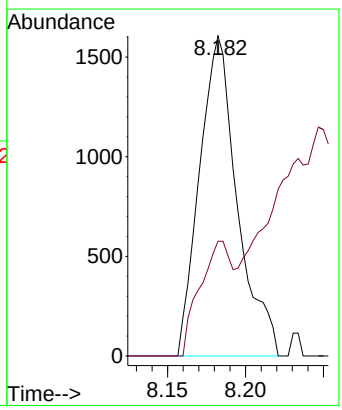


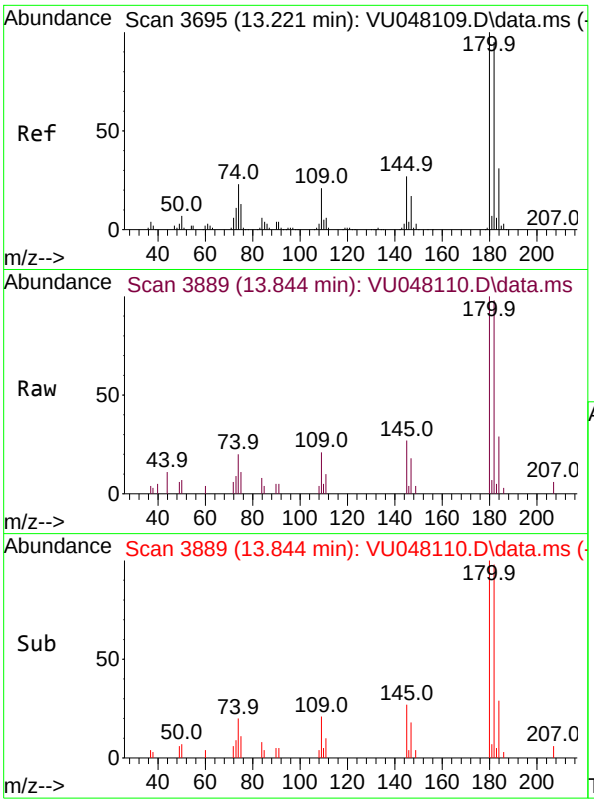




#44
trans-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

Tgt Ion: 75 Resp: 2706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.9 | 22.0 | 40.8 |



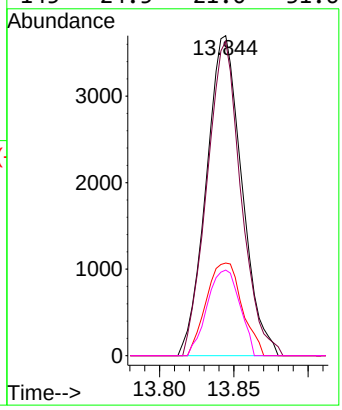


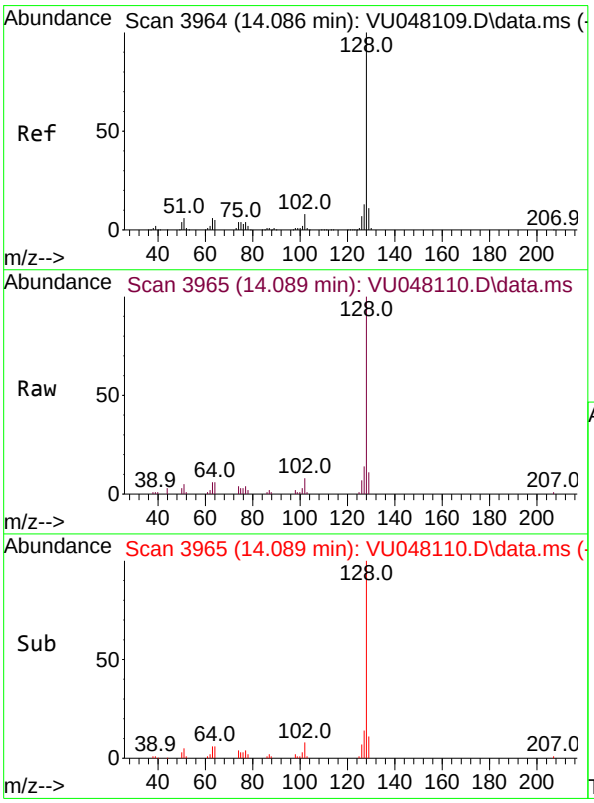

#69
1,3,5-Trichlorobenzene
Concen: 1.355 ug/L
RT: 13.844 min Scan# 3
Delta R.T. 0.624 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK097

Tgt Ion:180 Resp: 6154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 77.0 | 115.6 |
| 184 | 29.1 | 24.5 | 36.7 |
| 145 | 24.5 | 21.0 | 31.6 |




#71
Naphthalene
Concen: 2.960 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048110.D
Acq: 18 Apr 2022 10:46

Tgt Ion:128 Resp: 35115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.1 | 10.2 | 15.2 |
| 129 | 10.8 | 8.8 | 13.2 |