Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
Data File : VU049835.D
Acq On : 21 Jul 2022 17:46
Operator : SY/MD
Sample : N3722-13ME
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5C49ME

Quant Time: Jul 22 04:15:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 22 03:08:56 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 182342 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.420 | 117 | 176971 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.815 | 152 | 81586 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.594 | 65 | 40826 | 26.536 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 53.080%# | | | |
| 7) Chloroethane-d5 | 1.867 | 69 | 25801 | 23.201 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 46.400%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.568 | 63 | 113 | 0.042 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 0.080%# | | | |
| 21) 2-Butanone-d5 | 4.642 | 46 | 170109 | 129.521 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 129.520% | | | |
| 24) Chloroform-d | 5.060 | 84 | 140575 | 51.588 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.180% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 102875 | 55.782 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 111.560% | | | |
| 32) Benzene-d6 | 5.719 | 84 | 258712 | 48.121 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.240% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 95458 | 52.787 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 105.580% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 210364 | 44.931 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.860% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 39503 | 51.847 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 103.700% | | | |
| 47) 2-Hexanone-d5 | 8.648 | 63 | 106130 | 130.469 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 130.470%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84 | 161649 | 63.885 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 127.780%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.198 | 152 | 83540 | 54.308 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 108.620% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.514 | 96 | 562 | 0.431 | ug/L # | 1 |
| 16) Methylene chloride | 3.018 | 84 | 2318 | 1.412 | ug/L | 87 |
| 22) 2-Butanone | 4.726 | 43 | 19421 | 11.622 | ug/L | 97 |
| 44) trans-1,3-Dichloropropene | 8.179 | 75 | 1947 | 0.834 | ug/L | 93 |
| 48) 2-Hexanone | 8.648 | 43 | 16062 | 6.734 | ug/L # | 78 |
| 71) Naphthalene | 14.095 | 128 | 10676 | 1.746 | ug/L # | 96 |

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

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Sample : N3722-13ME
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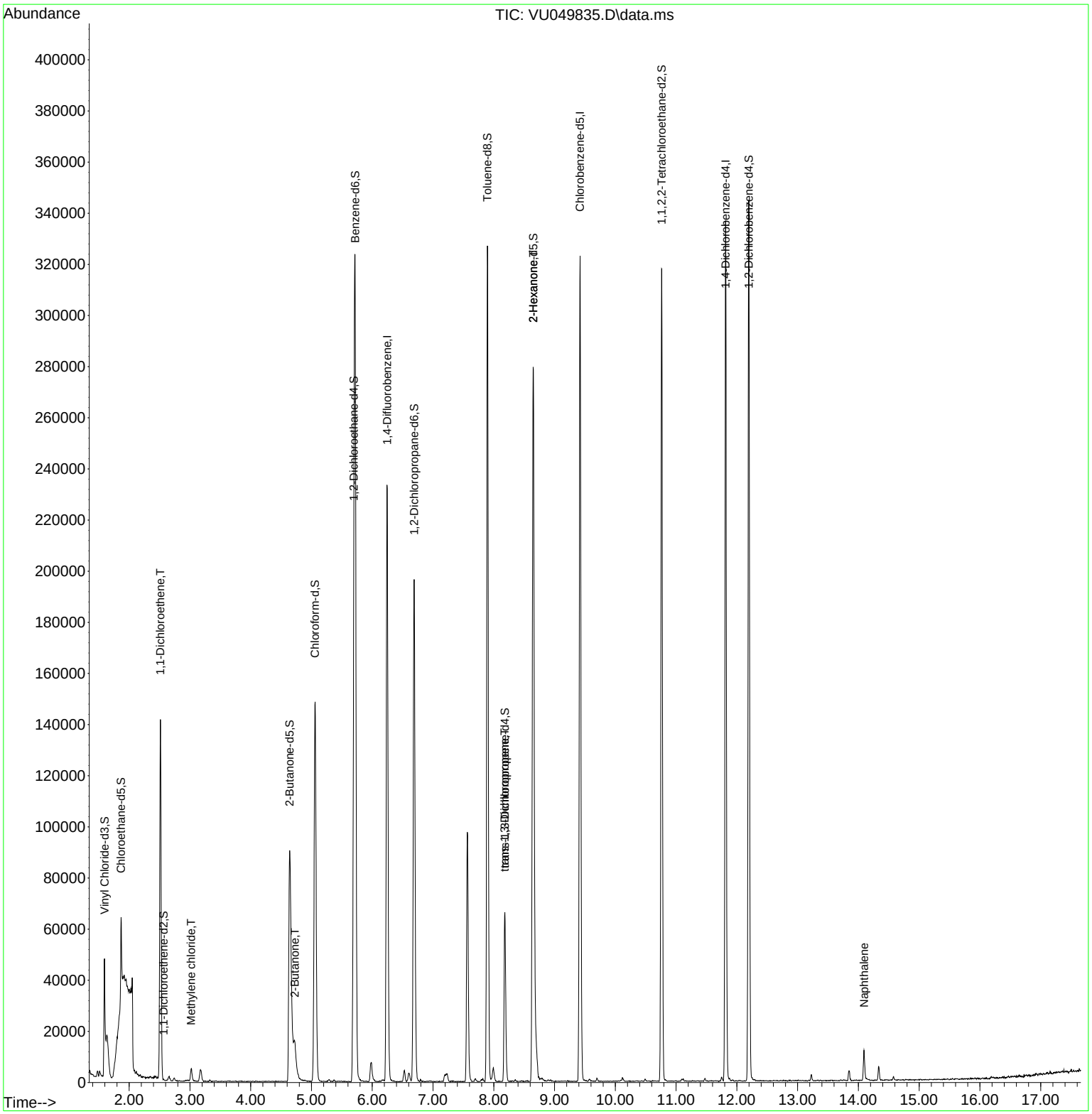
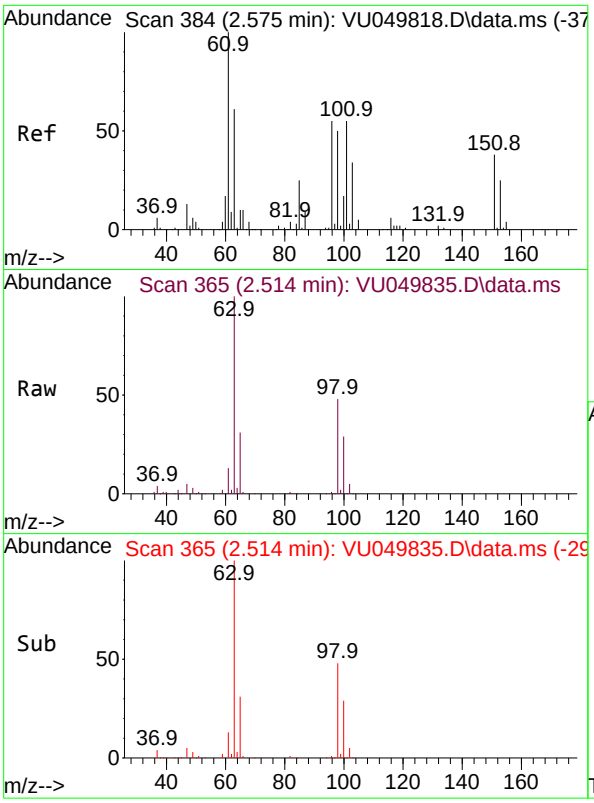
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5C49ME

Quant Time: Jul 22 04:15:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 22 03:08:56 2022
Response via : Initial Calibration



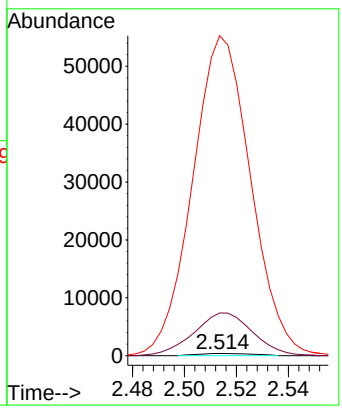


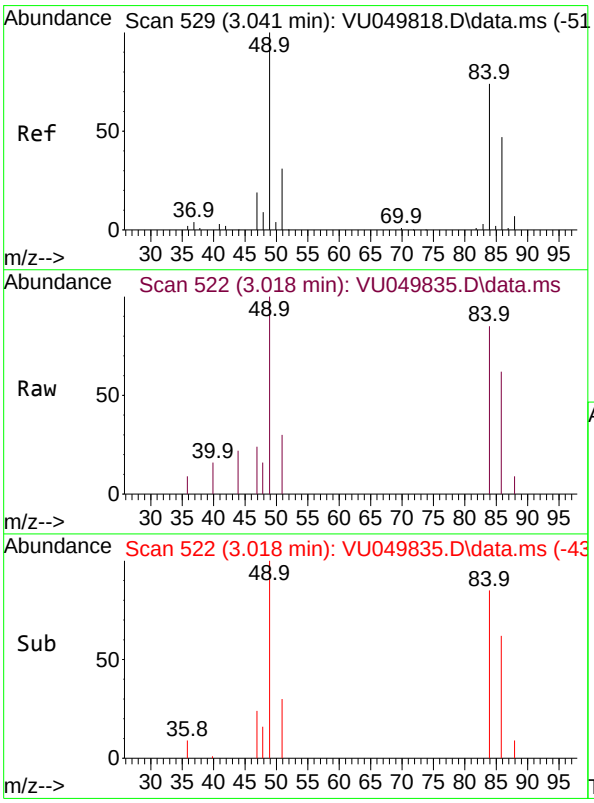

#12
1,1-Dichloroethene
Concen: 0.431 ug/L
RT: 2.514 min Scan# 3
Delta R.T. -0.061 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5C49ME

Tgt Ion: 96 Resp: 562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1943.9 | 129.6 | 240.6# |
| 63 | 14549.5 | 79.0 | 146.6# |

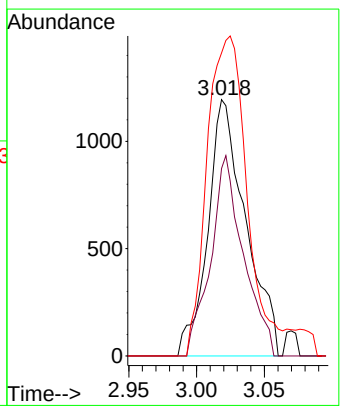


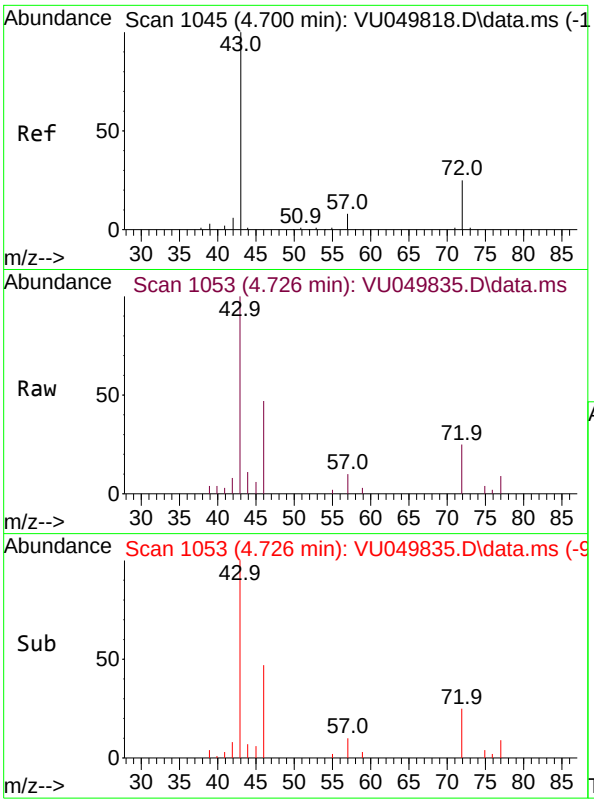




#16
Methylene chloride
Concen: 1.412 ug/L
RT: 3.018 min Scan# 522
Delta R.T. -0.022 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

Tgt Ion: 84 Resp: 2318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 73.2 | 45.6 | 84.6 |
| 49 | 118.3 | 94.4 | 175.4 |



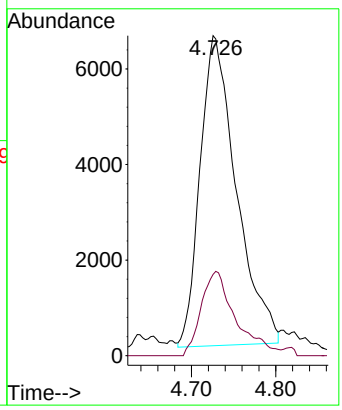


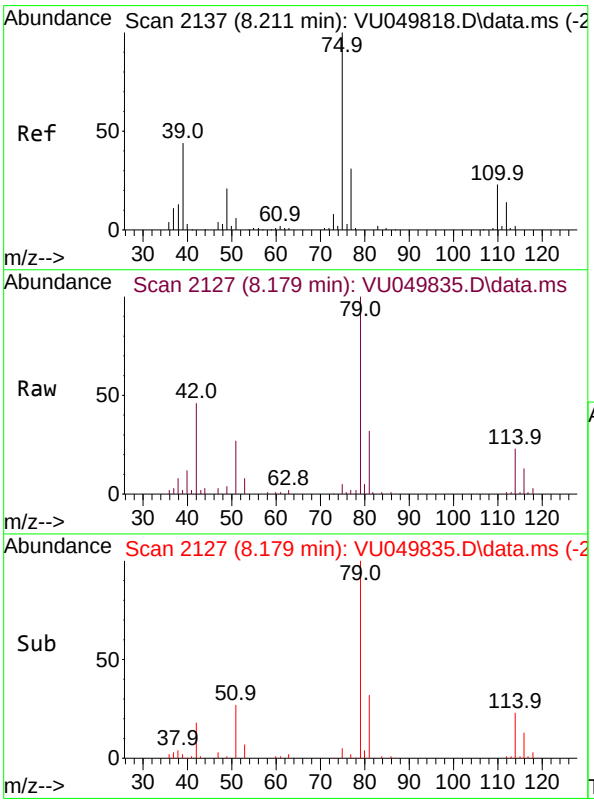

#22
2-Butanone
Concen: 11.622 ug/L
RT: 4.726 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5C49ME

Tgt Ion: 43 Resp: 19421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 12.7 | 38.0 |

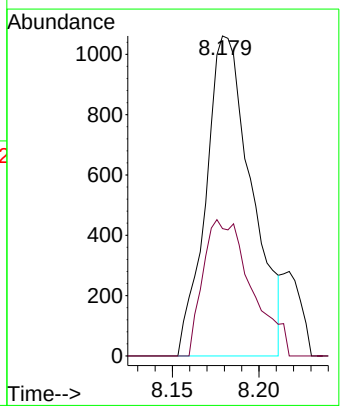


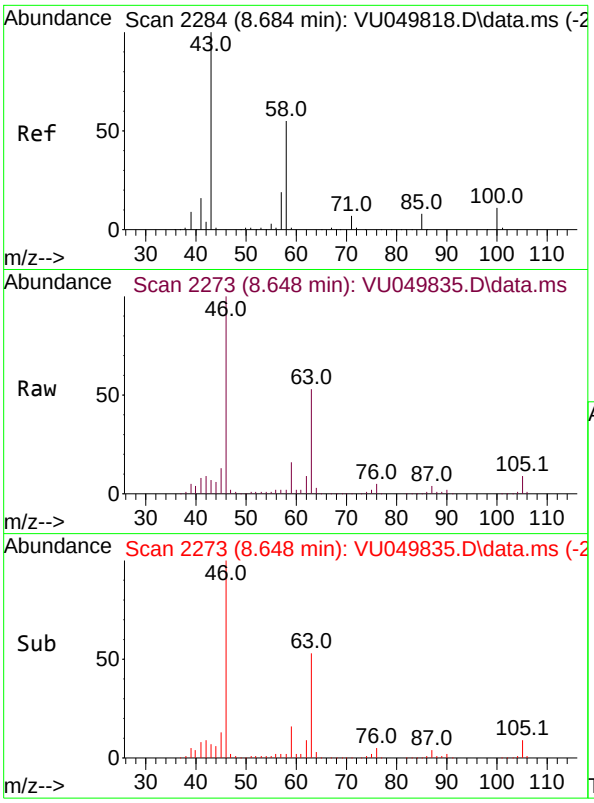




#44
trans-1,3-Dichloropropene
Concen: 0.834 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

Tgt Ion: 75 Resp: 1947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.9 | 22.5 | 41.9 |



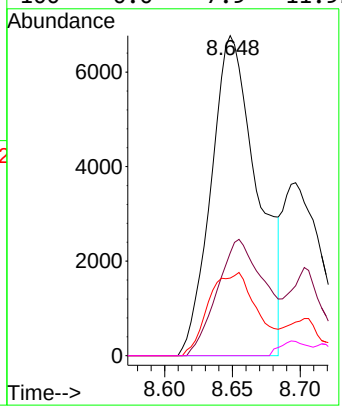


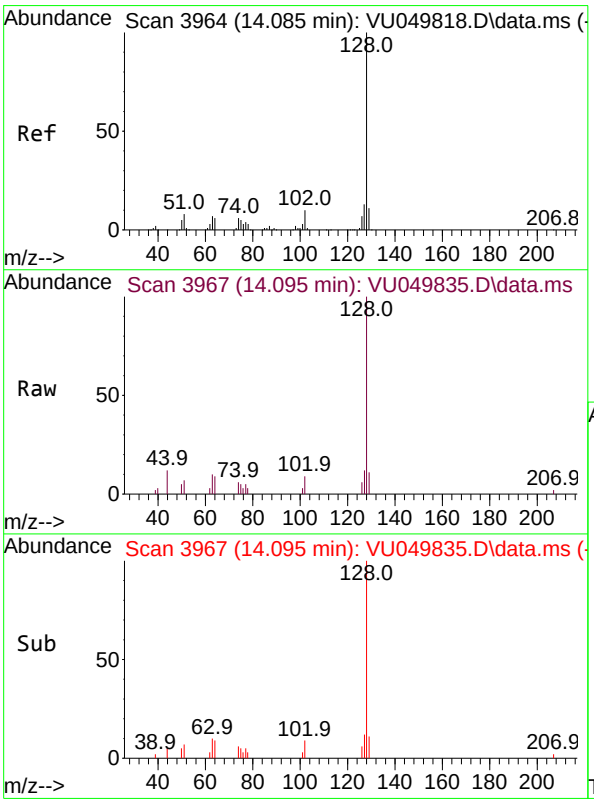

#48
2-Hexanone
Concen: 6.734 ug/L
RT: 8.648 min Scan# 2
Delta R.T. -0.035 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5C49ME

Tgt Ion: 43 Resp: 16062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.0 | 42.6 | 64.0# |
| 57 | 11.2 | 15.0 | 22.6# |
| 100 | 0.0 | 7.9 | 11.9# |




#71
Naphthalene
Concen: 1.746 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU049835.D
Acq: 21 Jul 2022 17:46

Tgt Ion:128 Resp: 10676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 10.2 | 15.4 |
| 129 | 8.2 | 8.8 | 13.2# |