Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043467.D
Acq On : 30 Apr 2021 11:39
Operator : SY/MD
Sample : M2197-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** YARG4DL

Quant Time: Apr 30 13:31:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.259 | 114 | 82805 | 5.00 | ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 85213 | 5.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.819 | 152 | 37516 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.604 | 65 | 18613 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.40% | | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 18301 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.575 | 65 | 12079 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 99.20% | | | |
| 20) 2-Butanone-d5 | 4.649 | 46 | 115486 | 62.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 125.06% | | | |
| 24) Chloroform-d | 5.073 | 84 | 57109 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 106.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.713 | 65 | 35497 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.00% | | | |
| 32) Benzene-d6 | 5.735 | 84 | 98271 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.700 | 67 | 35031 | 5.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.40% | | | |
| 41) Toluene-d8 | 7.906 | 98 | 81731 | 3.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.20% | | | |
| 43) trans-1,3-Dichloroprop... | 8.185 | 79 | 12216 | 4.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 84.00% | | | |
| 46) 2-Hexanone-d5 | 8.642 | 63 | 70479 | 48.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.26% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84 | 29747 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.80% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.201 | 152 | 31919 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 5.099 | 83 | 5516 | 0.48 | ug/L | 93 |
| 31) Carbon tetrachloride | 5.539 | 117 | 1363 | 0.16 | ug/L | 98 |
| 34) Trichloroethene | 6.549 | 95 | 8220 | 1.31 | ug/L | 95 |
| 47) Tetrachloroethene | 8.558 | 164 | 30790 | 6.19 | ug/L | 95 |

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

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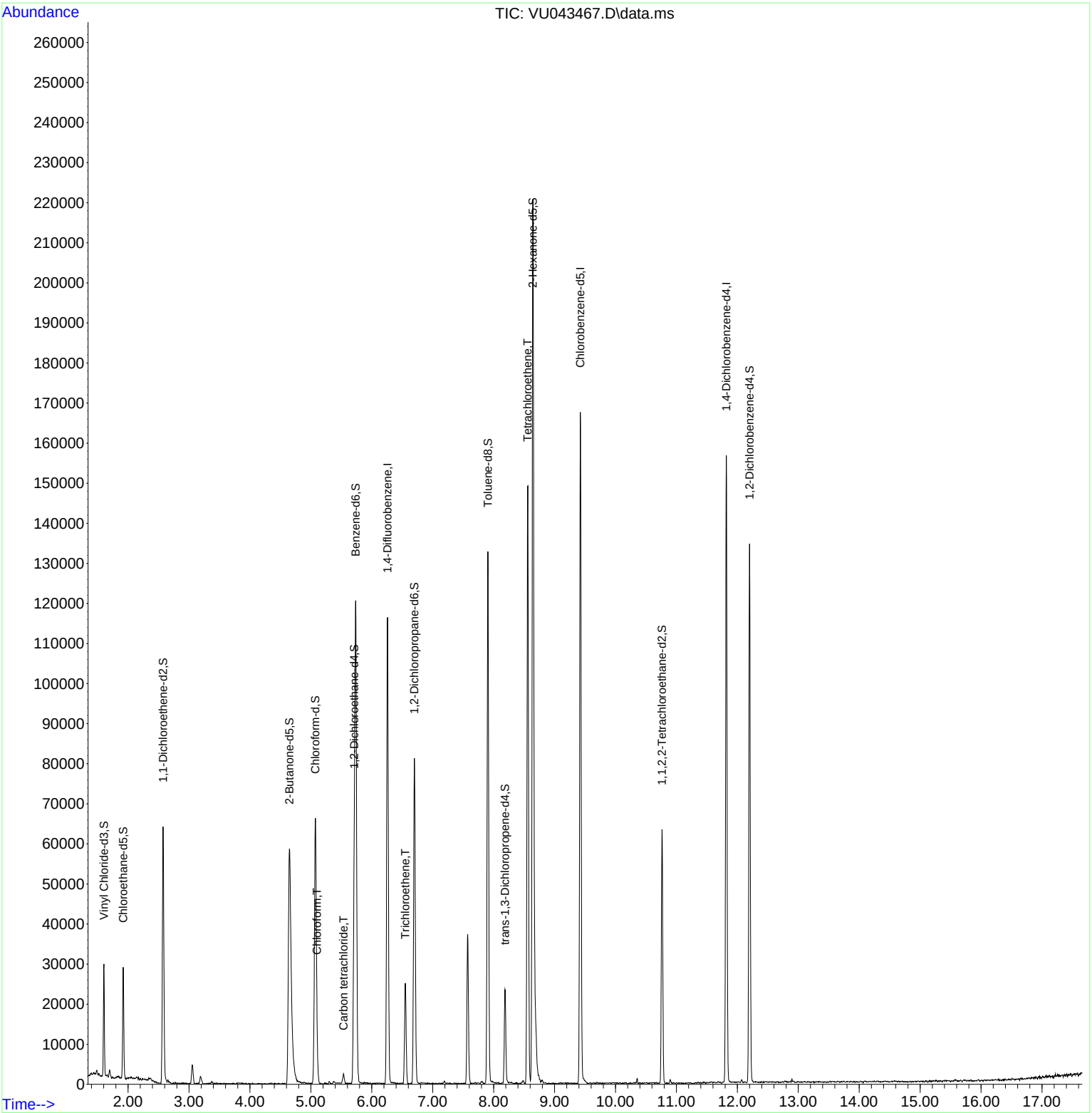

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MSVOA_U
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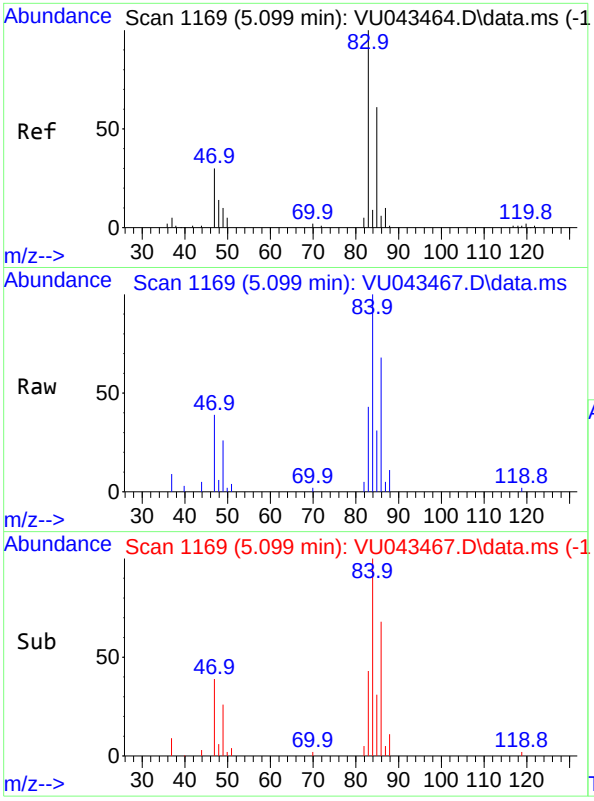
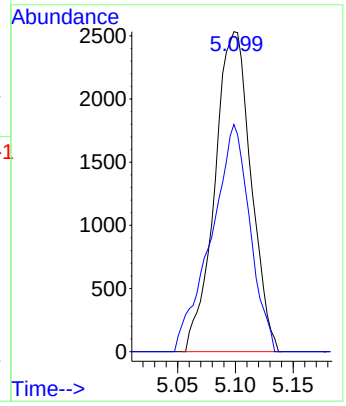
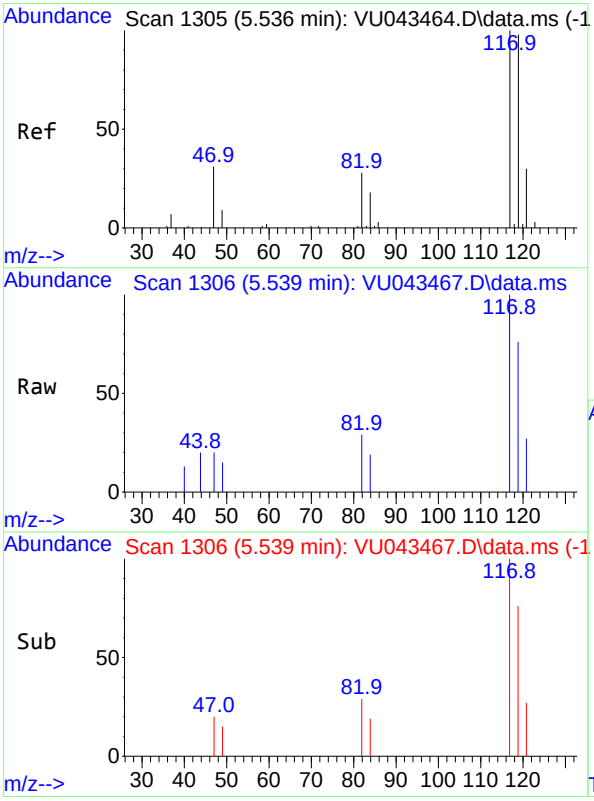



#25
Chloroform
Concen: 0.48 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 83 Resp: 5516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.0 | 45.6 | 84.8 |

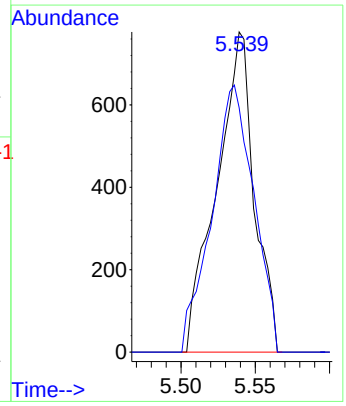


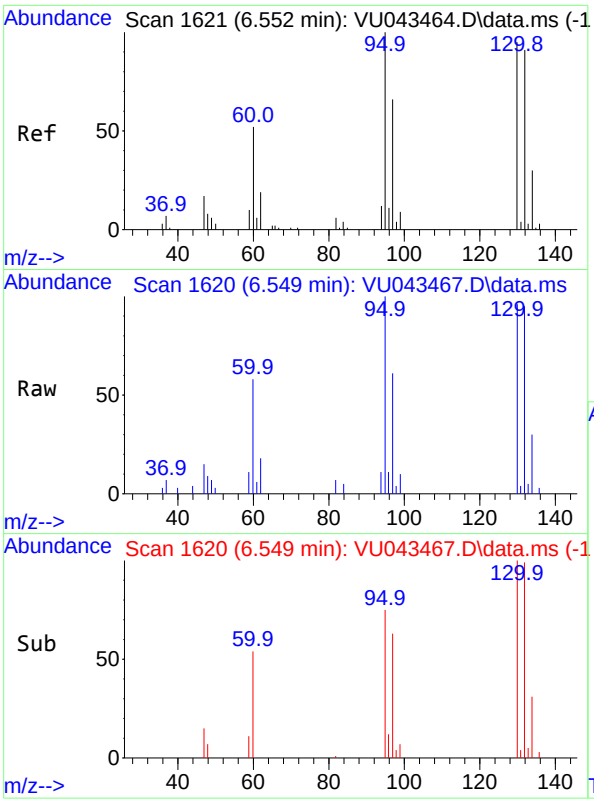




#31
Carbon tetrachloride
Concen: 0.16 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion:117 Resp: 1363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.8 | 76.2 | 114.4 |

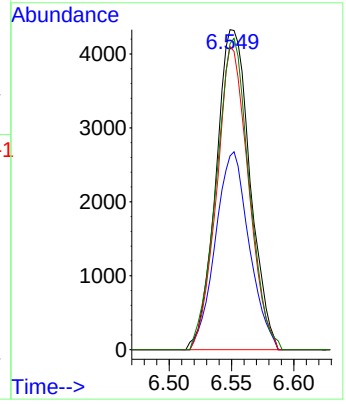




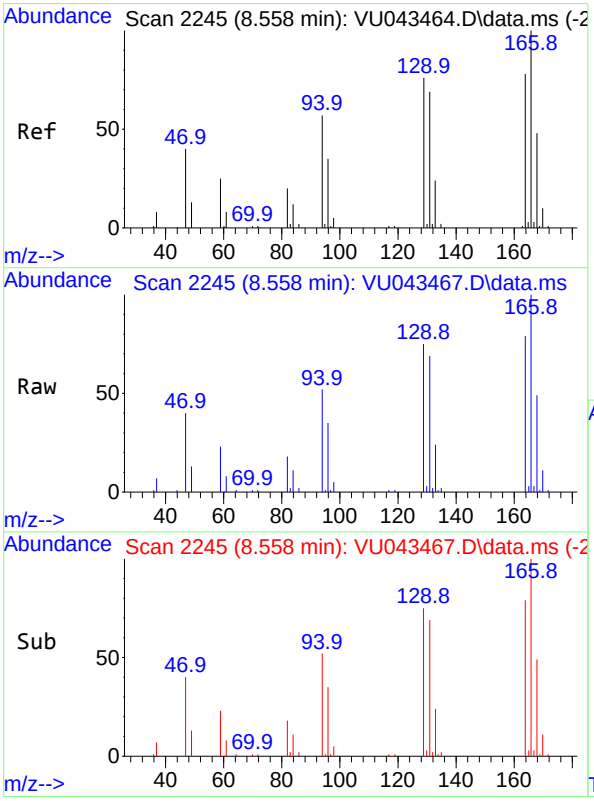

#34
Trichloroethene
Concen: 1.31 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 95 Resp: 8220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.5 | 45.8 | 85.2 |
| 132 | 94.7 | 68.7 | 127.7 |
| 130 | 95.7 | 70.1 | 130.3 |




**Instrument :**
MSVOA_U
**ClientSampleId :**
YARG4DL




#47
Tetrachloroethene
Concen: 6.19 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion:164 Resp: 30790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 94.3 | 66.6 | 123.8 |
| 131 | 86.9 | 65.9 | 122.3 |
| 166 | 126.1 | 93.7 | 173.9 |