Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
Data File : VW023058.D
Acq On : 16 May 2022 17:12
Operator : SY/VA
Sample : N2843-02
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW4H4

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 05/17/2022
Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 17 01:29:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 17 01:24:30 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.841 | 114 | 308568 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 280220 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 111378 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 100418 | 15.862 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 63.440% | | | |
| 7) Chloroethane-d5 | 2.879 | 69 | 86071 | 20.898 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 83.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.013 | 63 | 95219 | 11.640 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 46.560% | | | |
| 21) 2-Butanone-d5 | 7.074 | 46 | 60843 | 50.548 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 101.100% | | | |
| 24) Chloroform-d | 7.647 | 84 | 142805 | 15.796 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 63.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 112527m | 22.695 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 90.760% | | | |
| 32) Benzene-d6 | 8.274 | 84 | 348490 | 21.576 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 86.320% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 111177 | 24.504 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 98.000% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 305905 | 19.606 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 78.440% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 41891 | 20.053 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 80.200% | | | |
| 47) 2-Hexanone-d5 | 10.926 | 63 | 45578 | 52.623 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 105.240% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 47878 | 11.322 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 45.280% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.847 | 152 | 82361 | 21.154 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 84.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 4.135 | 43 | 6175 | 6.852 | ug/L | 61 |
| 14) Carbon disulfide | 4.385 | 76 | 45380 | 4.188 | ug/L | 98 |
| 25) Chloroform | 7.677 | 83 | 50637 | 6.075 | ug/L | 96 |

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

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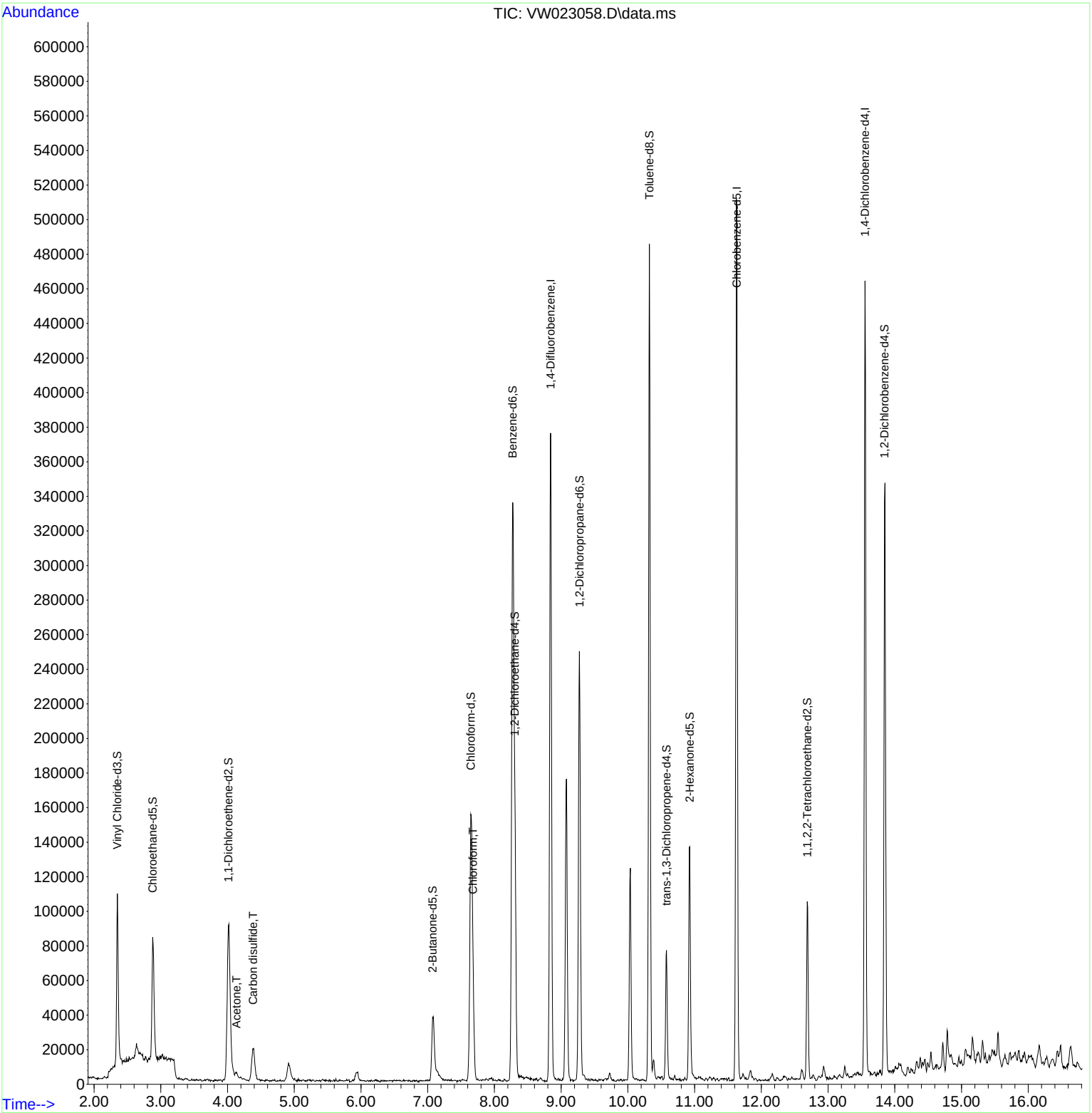

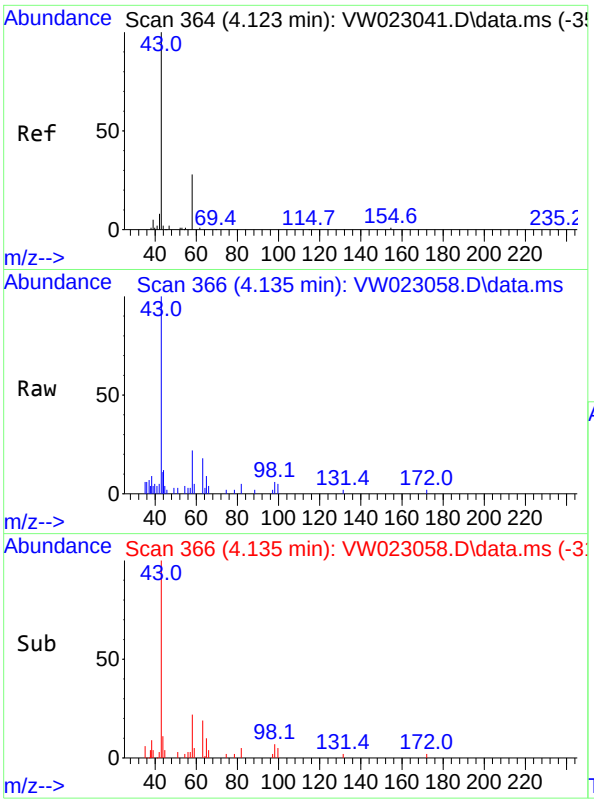


#13
Acetone
Concen: 6.852 ug/L
RT: 4.135 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW023058.D
Acq: 16 May 2022 17:12

Tgt Ion: 43 Resp: 617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 10.2 | 0.0 | 64.0 |

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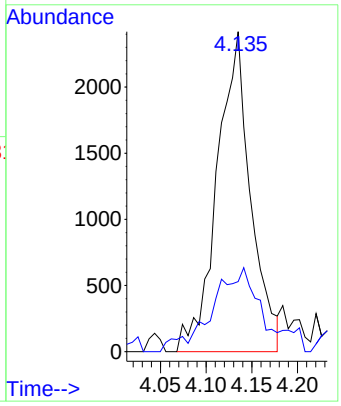
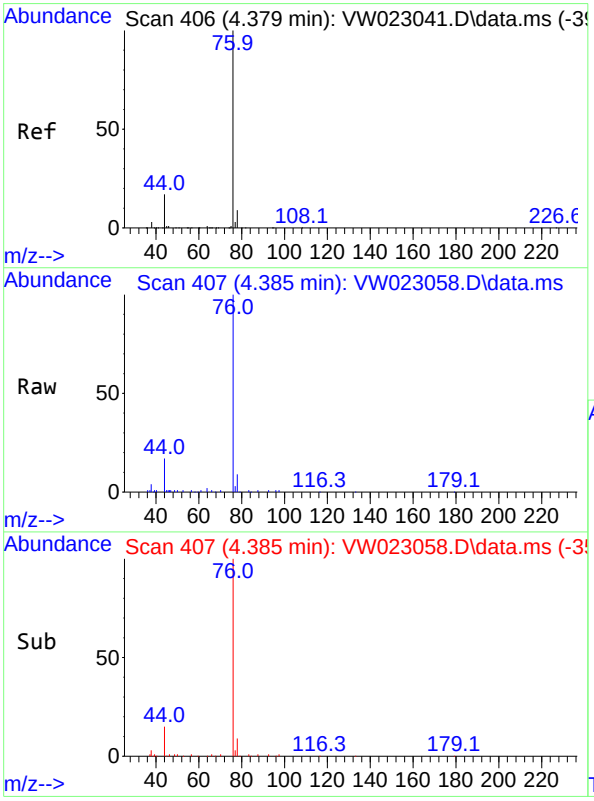
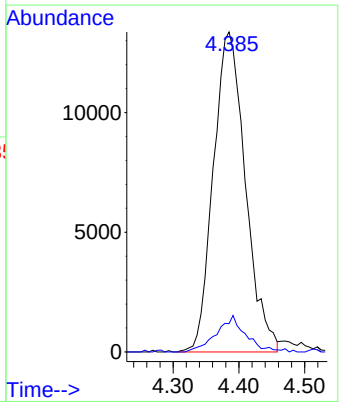


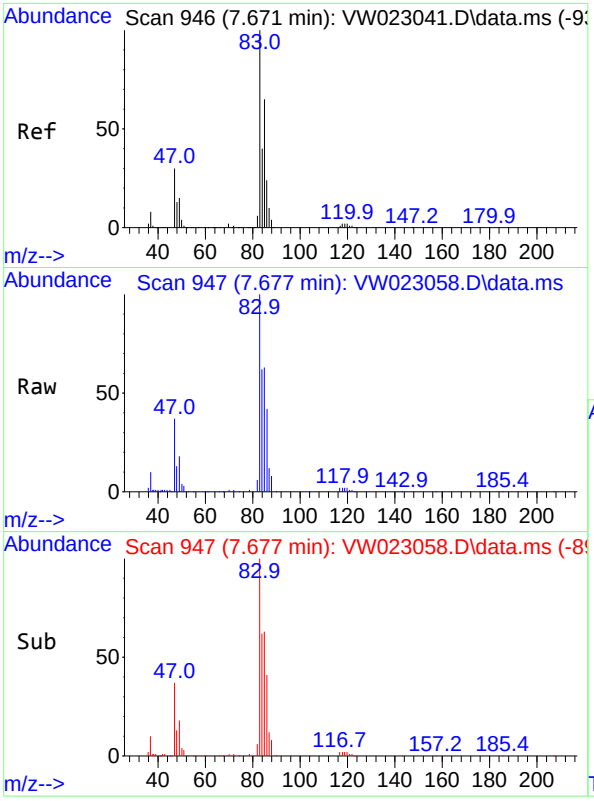




#14
Carbon disulfide
Concen: 4.188 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023058.D
Acq: 16 May 2022 17:12

Tgt Ion: 76 Resp: 45380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.7 | 11.5 |

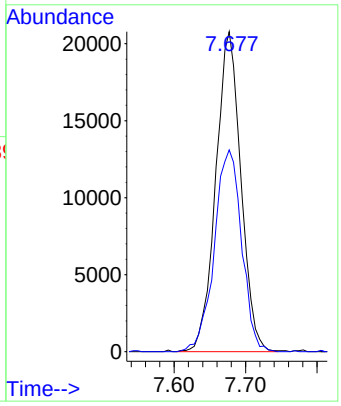





#25
Chloroform
Concen: 6.075 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW023058.D
Acq: 16 May 2022 17:12

Tgt Ion: 83 Resp: 5063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 46.6 | 86.6 |

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