Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023867.D
Acq On : 19 Jul 2022 04:28
Operator : SY/VA
Sample : N3722-13
Misc : 5.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C49

Quant Time: Jul 19 05:40:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 451590 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 423293 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 178469 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 110623 | 9.591 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 38.360% | | | |
| 7) Chloroethane-d5 | 2.879 | 69 | 85627 | 11.128 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 44.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.007 | 63 | 109338 | 11.641 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 46.560% | | | |
| 21) 2-Butanone-d5 | 7.080 | 46 | 74230 | 41.492 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.980% | | | |
| 24) Chloroform-d | 7.647 | 84 | 273666 | 20.814 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 83.240% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 143933 | 17.899 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 71.600% | | | |
| 32) Benzene-d6 | 8.269 | 84 | 470613 | 21.387 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 85.560% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 157086 | 23.700 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 94.800% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 418424 | 18.747 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 75.000% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 46996 | 15.127 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 60.520% | | | |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 59293 | 42.542 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 85.080% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 141995 | 19.385 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 77.560% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.847 | 152 | 155897 | 24.470 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 97.880% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 2.355 | 62 | 17057 | 1.322 | ug/L # | 67 |
| 13) Acetone | 4.129 | 43 | 19261 | 15.228 | ug/L | 98 |
| 14) Carbon disulfide | 4.379 | 76 | 42821 | 3.041 | ug/L | 96 |
| 16) Methylene chloride | 4.916 | 84 | 38401 | 5.438 | ug/L | 97 |

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

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Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
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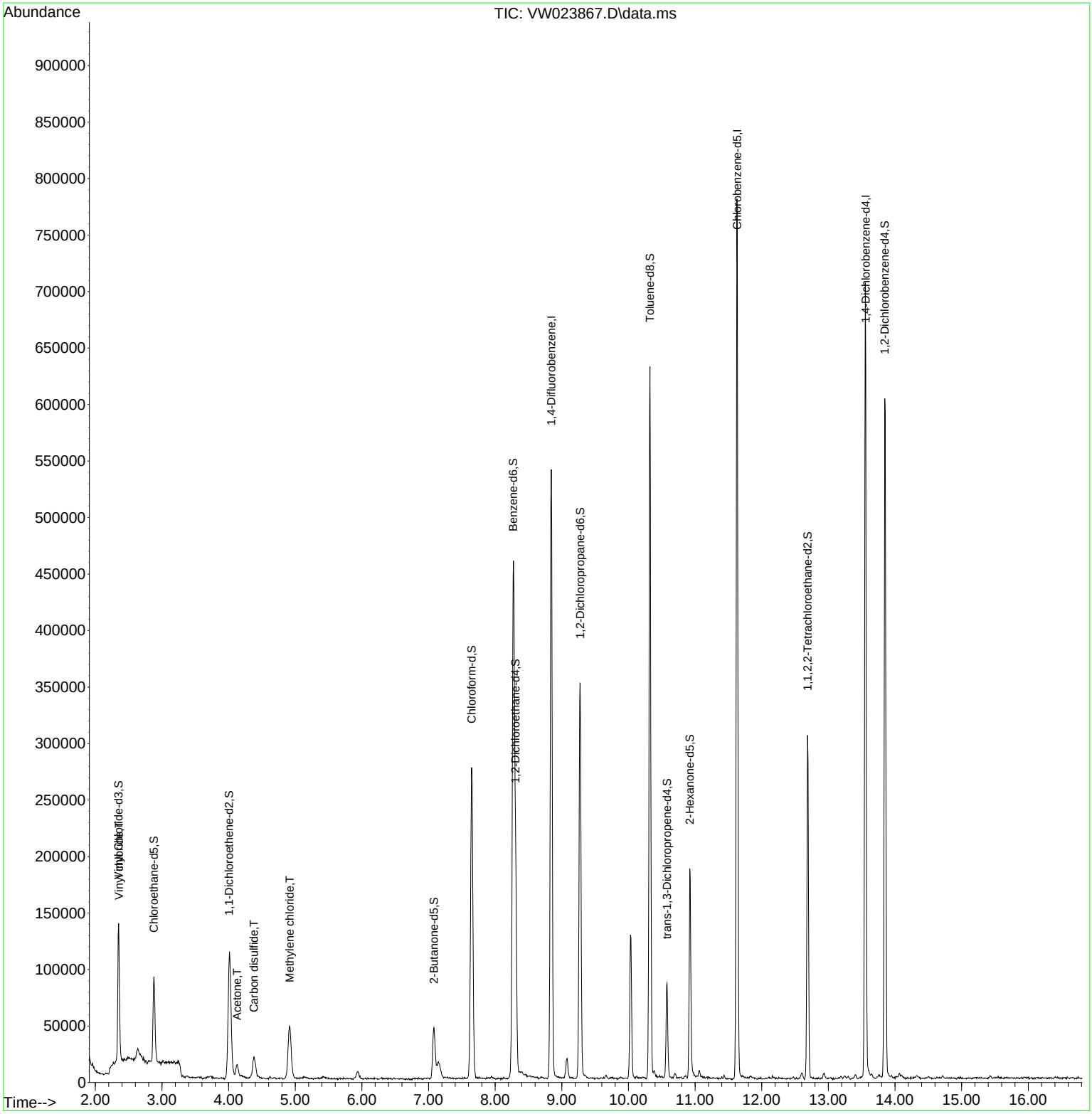
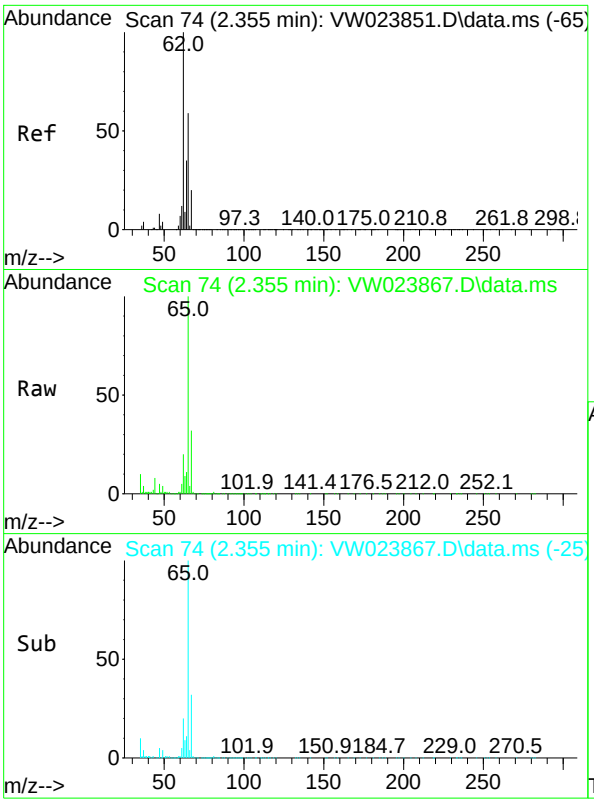


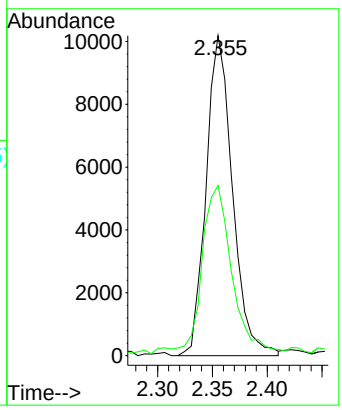


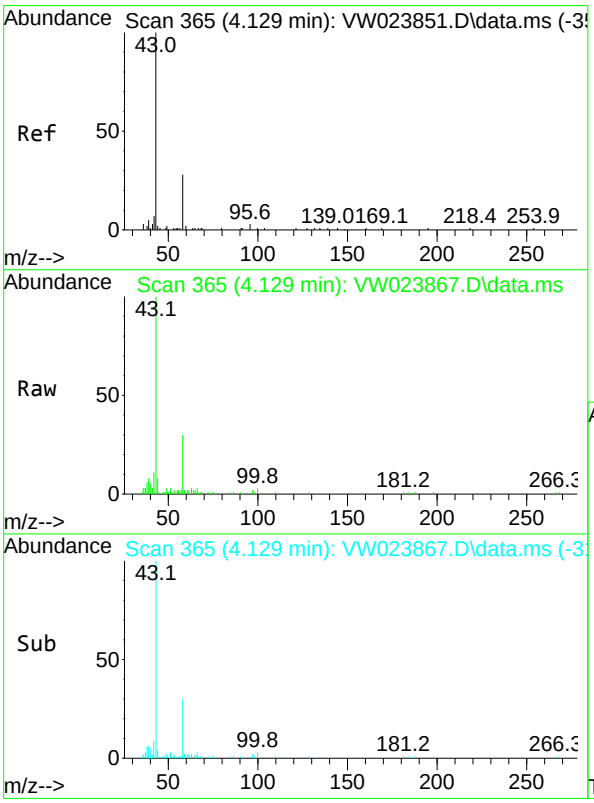

#5
Vinyl chloride
Concen: 1.322 ug/L
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW023867.D
Acq: 19 Jul 2022 04:28

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C49

Tgt Ion: 62 Resp: 17057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 53.1 | 24.0 | 44.6# |

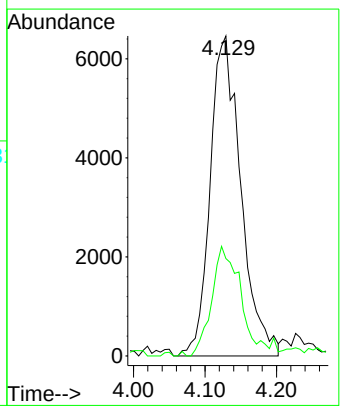


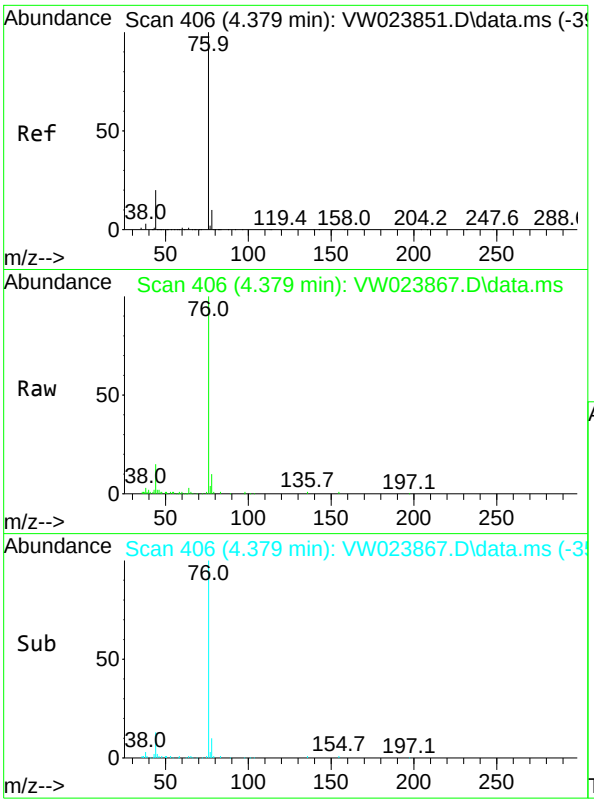




#13
Acetone
Concen: 15.228 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW023867.D
Acq: 19 Jul 2022 04:28

Tgt Ion: 43 Resp: 19261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 0.0 | 64.2 |



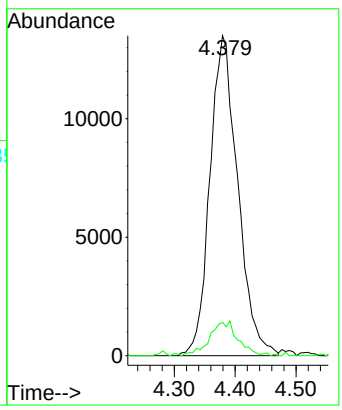


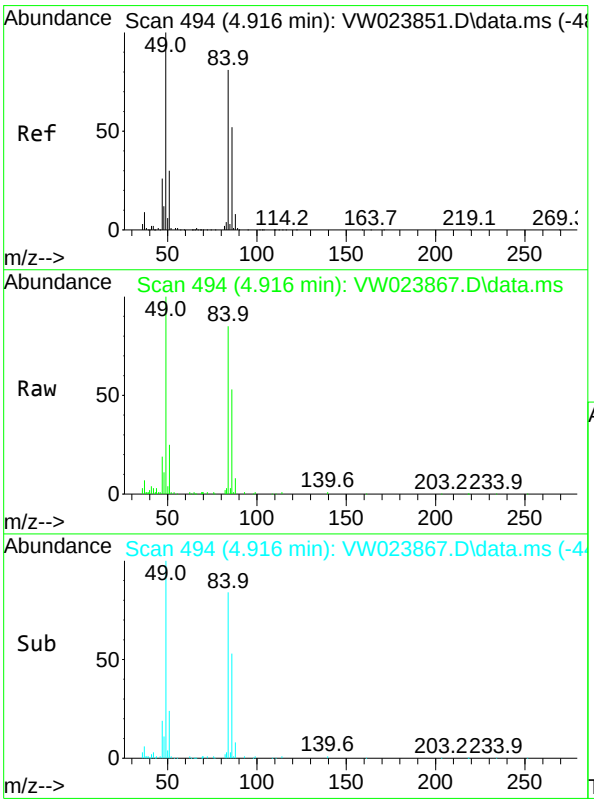

#14
Carbon disulfide
Concen: 3.041 ug/L
RT: 4.379 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW023867.D
Acq: 19 Jul 2022 04:28

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C49

Tgt Ion: 76 Resp: 42821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.4 | 7.2 | 10.8 |




#16
Methylene chloride
Concen: 5.438 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023867.D
Acq: 19 Jul 2022 04:28

Tgt Ion: 84 Resp: 38401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.5 | 42.8 | 79.6 |
| 49 | 117.5 | 85.4 | 158.6 |