Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
Data File : VX042419.D
Acq On : 19 Jul 2024 21:57
Operator : JC/MD
Sample : P3298-09ME 100X
Misc : 4.37g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jul 20 01:59:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.757 | 114 | 255750 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 234851 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 108801 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 55196 | 37.079 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 74.160% | | |
| 7) Chloroethane-d5 | 1.648 | 69 | 30220 | 32.242 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 64.480%# | | |
| 11) 1,1-Dichloroethene-d2 | 2.294 | 65 | 20738 | 31.831 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 63.660% | | |
| 21) 2-Butanone-d5 | 4.465 | 46 | 91844 | 85.614 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 85.610% | | |
| 24) Chloroform-d | 5.056 | 84 | 114748 | 38.337 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 76.680% | | |
| 26) 1,2-Dichloroethane-d4 | 5.952 | 65 | 73651 | 41.689 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 83.380% | | |
| 32) Benzene-d6 | 5.970 | 84 | 249978 | 41.180 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 82.360% | | |
| 36) 1,2-Dichloropropane-d6 | 7.306 | 67 | 75890 | 41.542 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 83.080% | | |
| 41) Toluene-d8 | 8.647 | 98 | 220480 | 38.975 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 77.960%# | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 27590 | 34.945 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 69.880% | | |
| 47) 2-Hexanone-d5 | 9.384 | 63 | 66341 | 80.003 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 80.000% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84 | 106990 | 39.615 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 79.220% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.317 | 152 | 90116 | 42.643 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 85.280% | | |
| Target Compounds | | | | | | Qvalue |
| 35) Methylcyclohexane | 7.306 | 83 | 18561 | 7.116 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 7.306 | 63 | 7931 | 4.707 | ug/L # | 84 |
| 46) Tetrachloroethene | 9.275 | 164 | 8828 | 5.482 | ug/L | 96 |
| 61) 1,2,3-Trichloropropane | 12.018 | 75 | 10389 | 5.377 | ug/L # | 63 |

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

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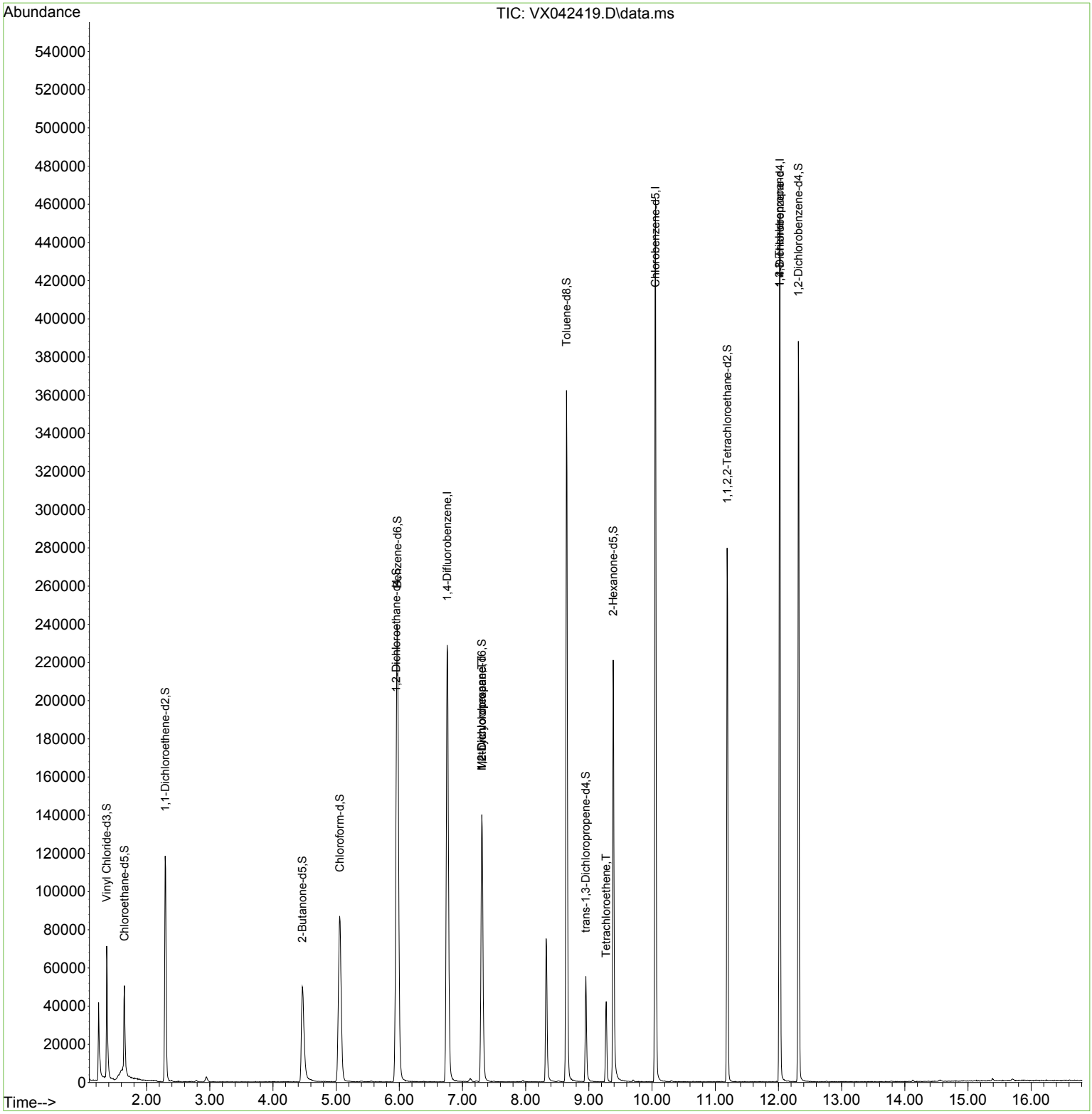
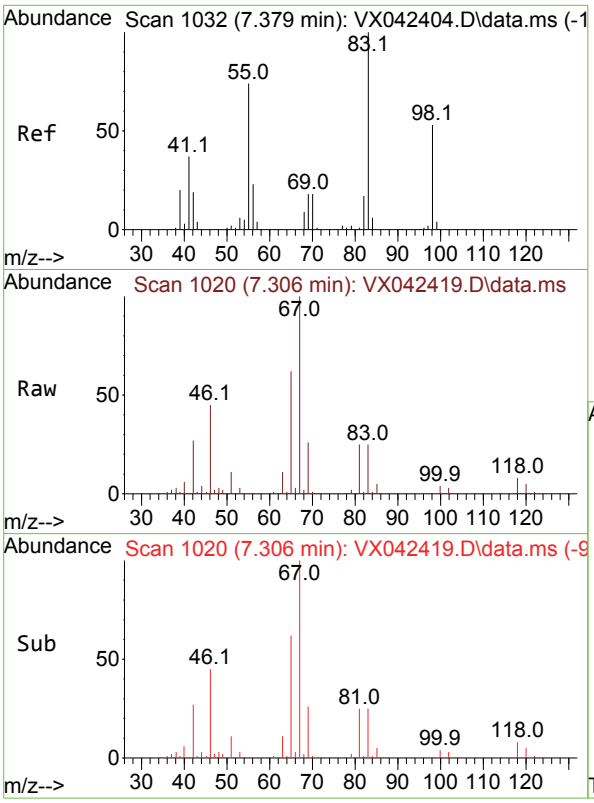
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration



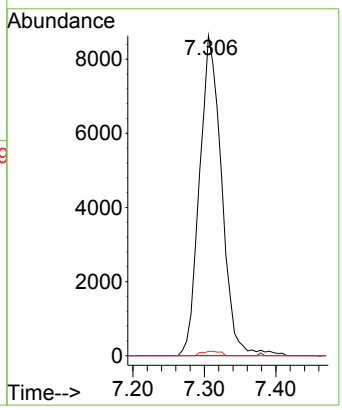


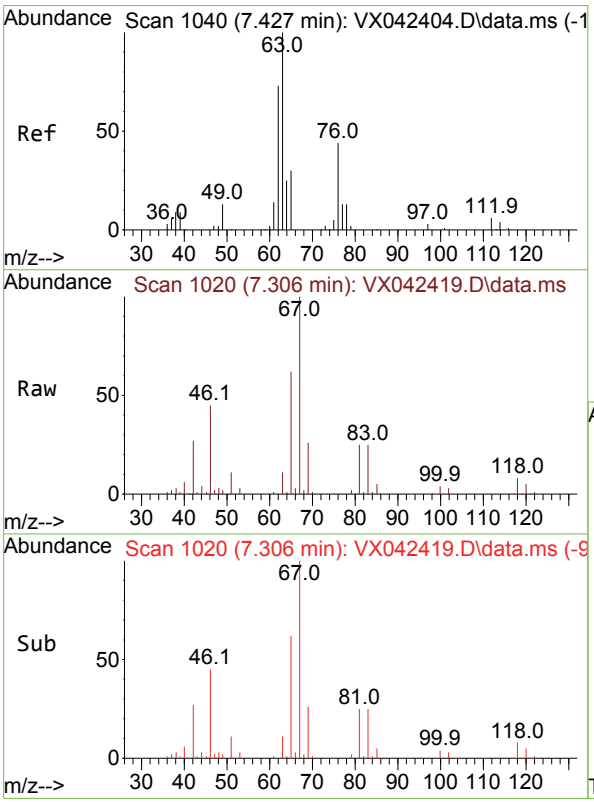

#35
Methylcyclohexane
Concen: 7.116 ug/L
RT: 7.306 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX042419.D
Acq: 19 Jul 2024 21:57

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 83 Resp: 18561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 56.4 | 84.6# |
| 98 | 1.2 | 40.4 | 60.6# |

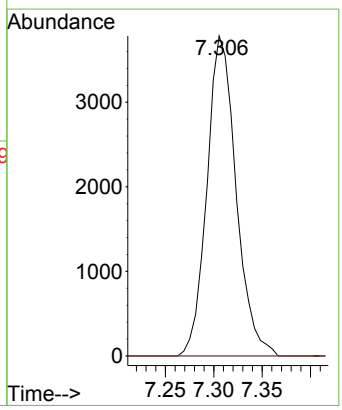


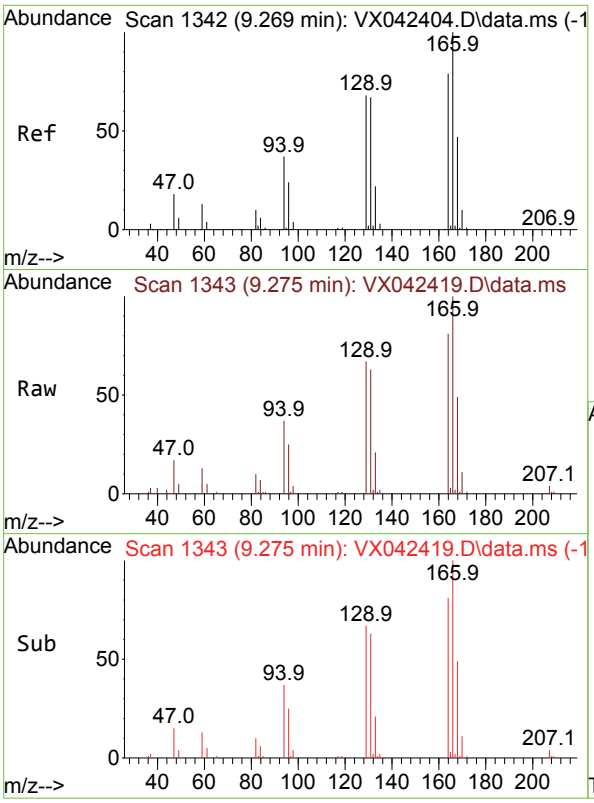




#37
1,2-Dichloropropane
Concen: 4.707 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX042419.D
Acq: 19 Jul 2024 21:57

Tgt Ion: 63 Resp: 7931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.3 | 6.5# |



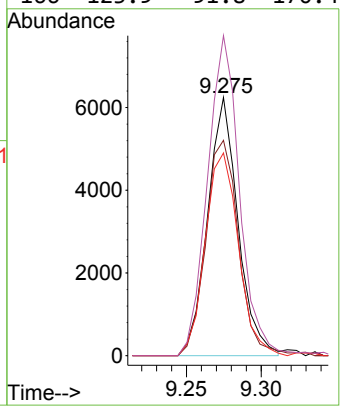


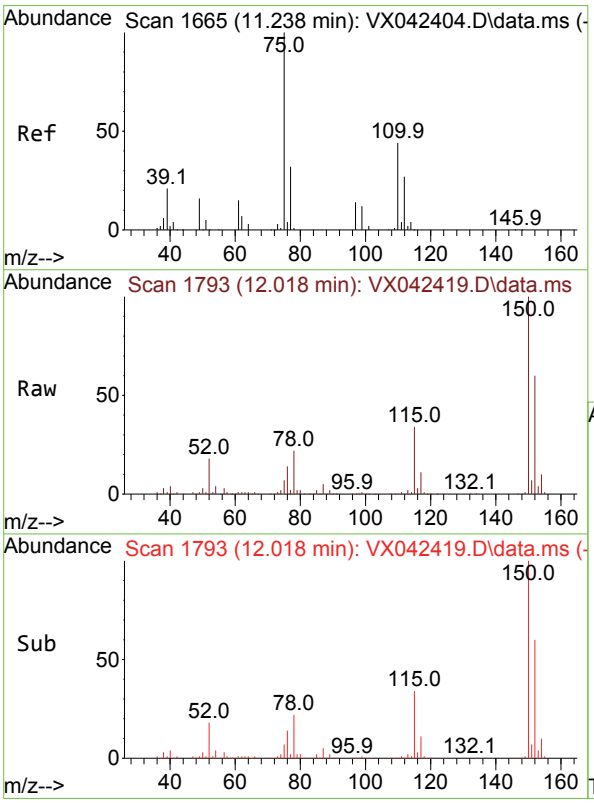

#46
Tetrachloroethene
Concen: 5.482 ug/L
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042419.D
Acq: 19 Jul 2024 21:57

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:164 Resp: 8828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 83.4 | 58.6 | 108.8 |
| 131 | 78.5 | 57.9 | 107.5 |
| 166 | 123.9 | 91.8 | 170.4 |




#61
1,2,3-Trichloropropane
Concen: 5.377 ug/L
RT: 12.018 min Scan# 1793
Delta R.T. 0.780 min
Lab File: VX042419.D
Acq: 19 Jul 2024 21:57

Tgt Ion: 75 Resp: 10389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 25.8 | 38.8 |
| 110 | 3.0 | 35.4 | 53.0# |