

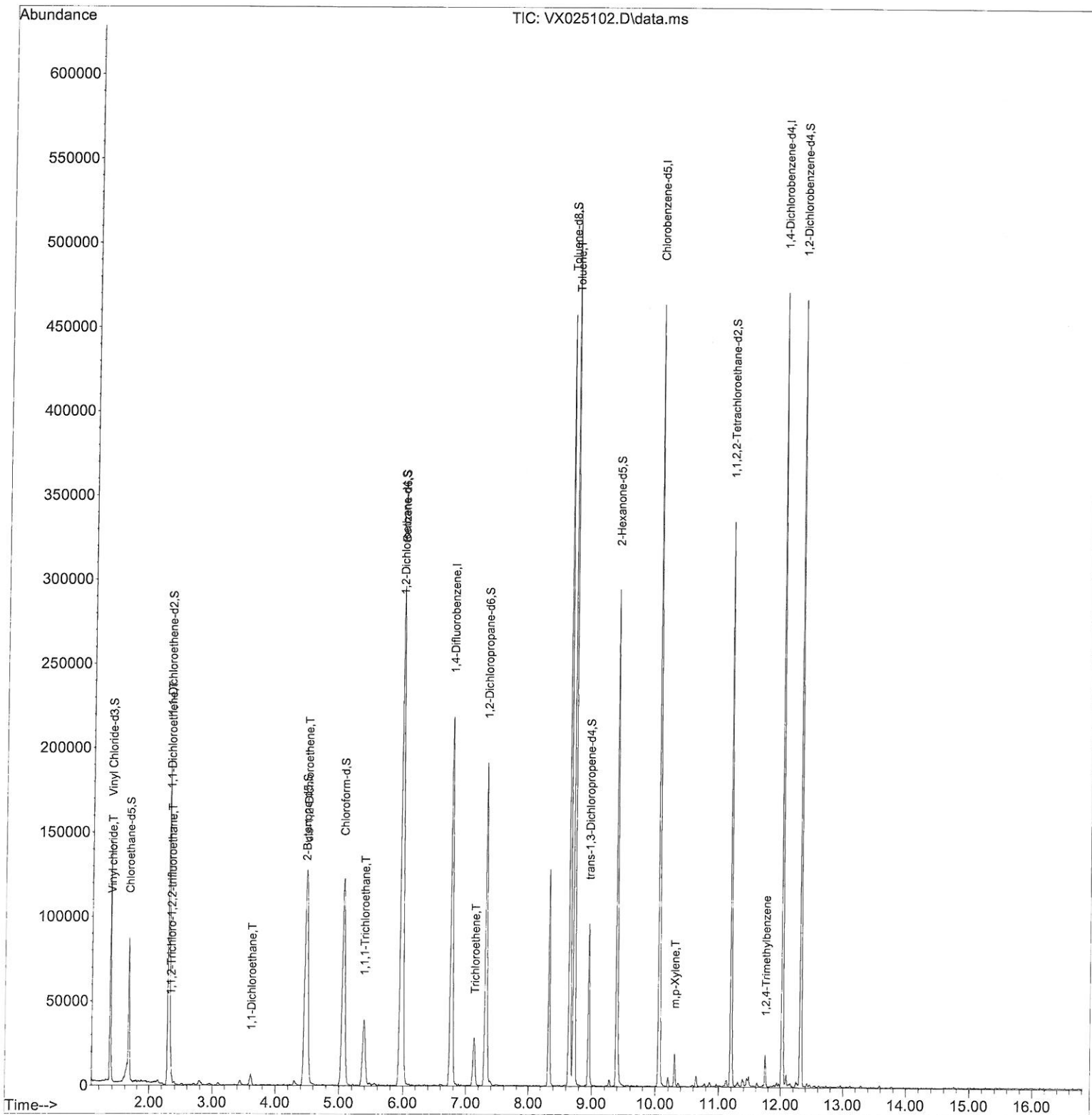
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025102.D
Acq On : 08 Nov 2021 17:54
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 09 04:16:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration



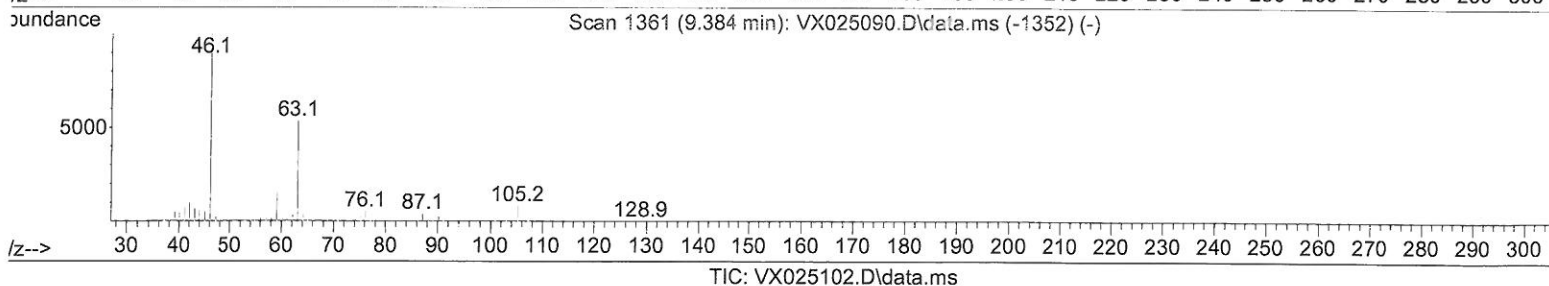
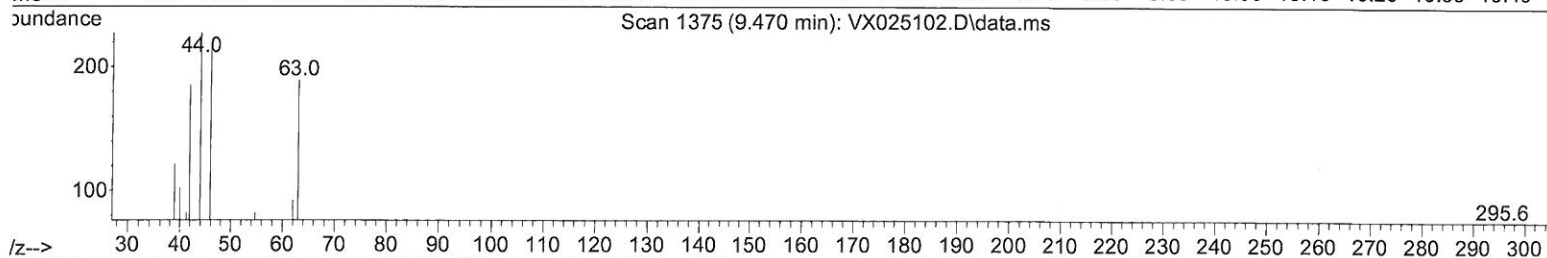
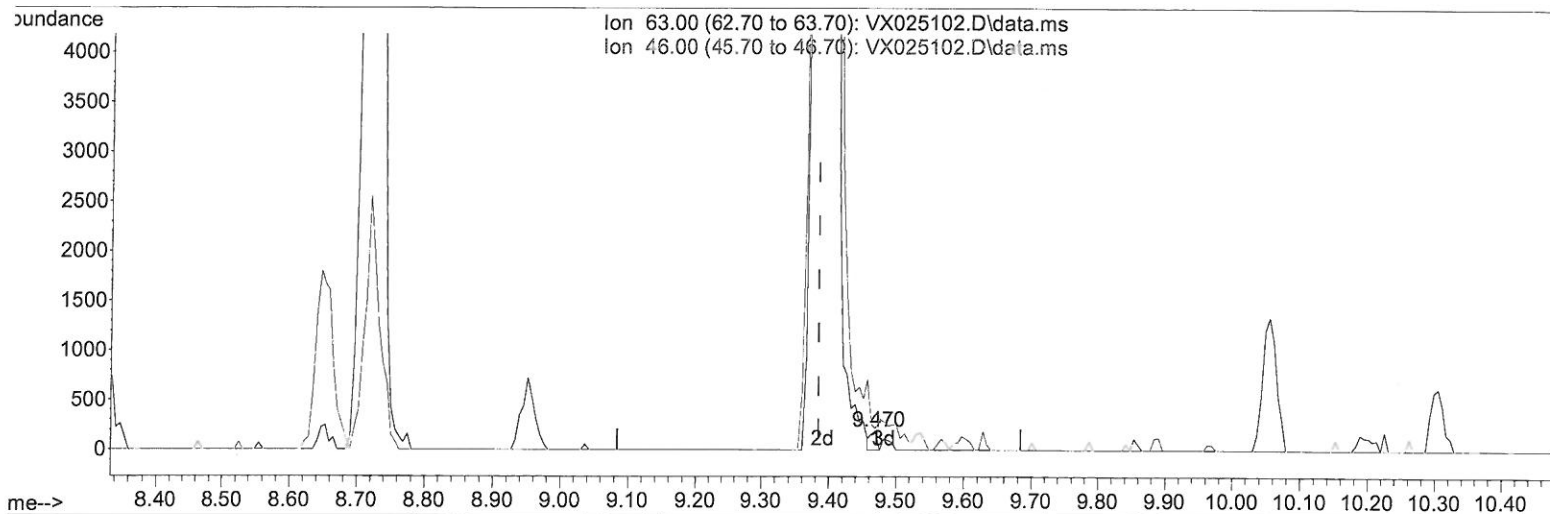
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TIC: VX025102.D\data.ms

(47) 2-Hexanone-d5 (S)

9.470min (+ 0.086) 0.15 ug/L

response 128

| Ion | Exp% | Act% |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 140.40 | 170.31 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

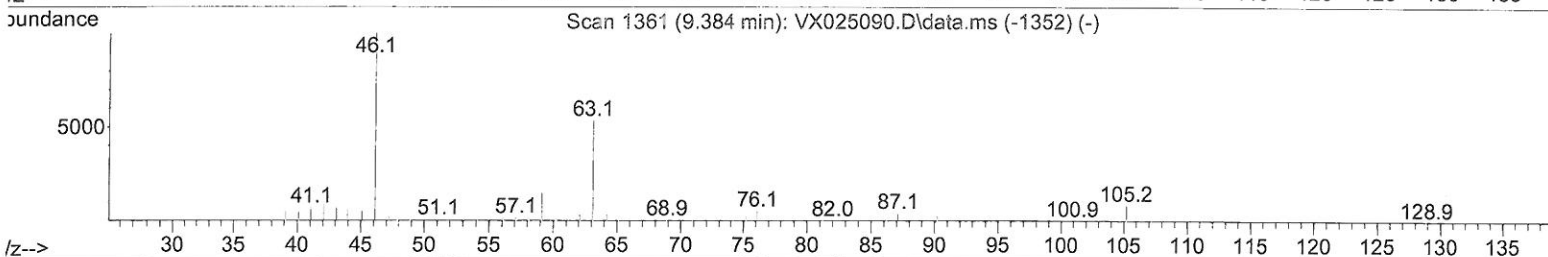
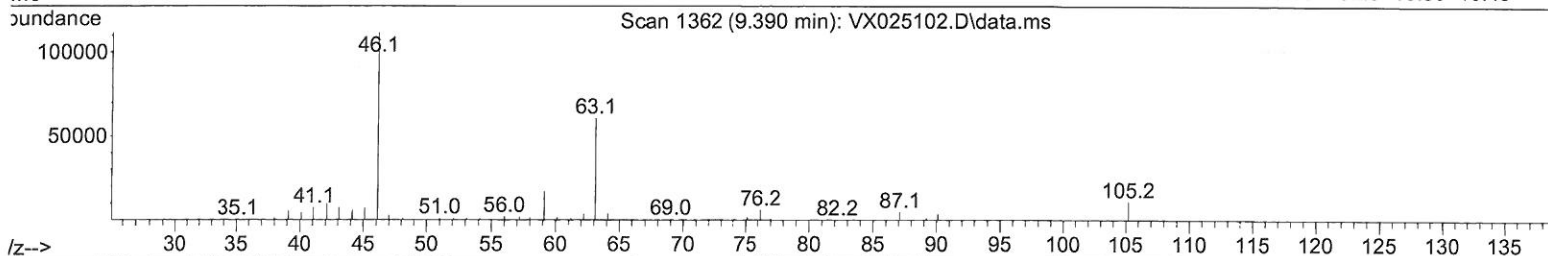
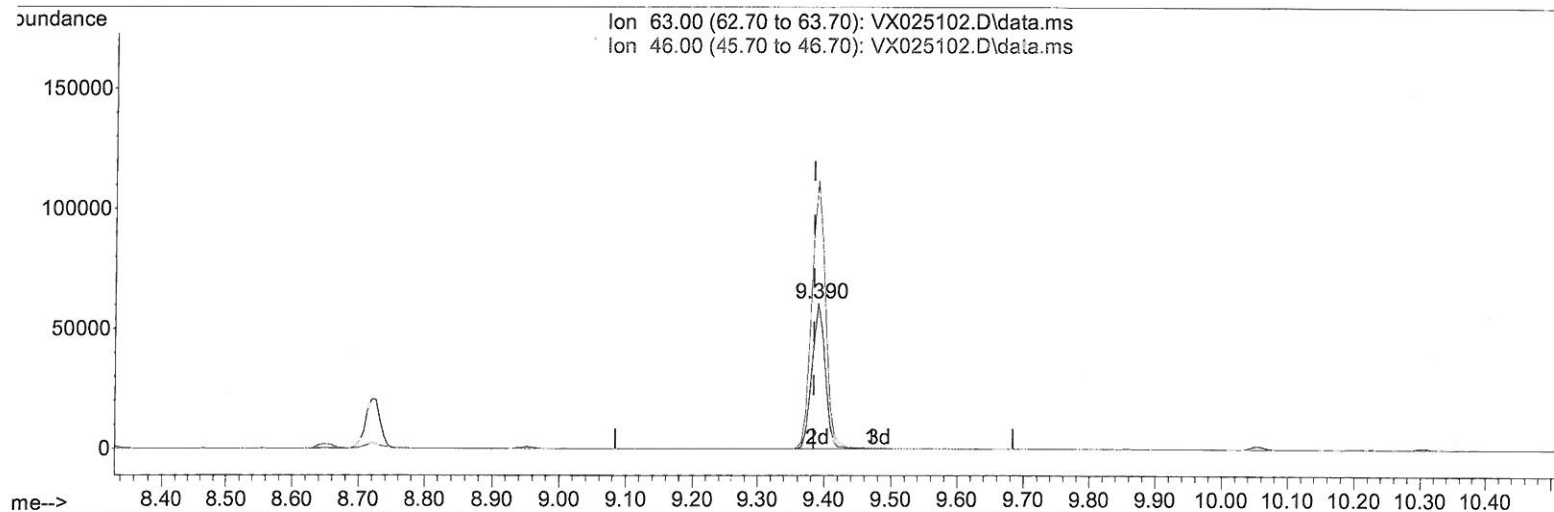
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TIC: VX025102.D\data.ms

(47) 2-Hexanone-d5 (S)

9.390min (+ 0.006) 95.19 ug/L m

response 82082

| Ion | Exp% | Act% |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 140.40 | 0.27# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

MD
 11/09/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025102.D
 Acq On : 08 Nov 2021 17:54
 Operator : JC/MD
 Sample : M4464-05ME 10X
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
 Quant Title : VOC Analysis
 Last Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 197639 | 50.000 | ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 192405 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 87734 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.367 | 65 | 87409 | 48.911 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 97.820% | | |
| 7) Chloroethane-d5 | 1.660 | 69 | 46458 | 41.467 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 82.940% | | |
| 11) 1,1-Dichloroethene-d2 | 2.306 | 63 | 111156 | 32.292 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 64.580% | | |
| 21) 2-Butanone-d5 | 4.471 | 46 | 124053 | 101.003 | ug/L | 0.01 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 101.000% | | |
| 24) Chloroform-d | 5.062 | 84 | 159266 | 45.331 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 90.660% | | |
| 26) 1,2-Dichloroethane-d4 | 5.964 | 65 | 114958 | 50.016 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 100.040% | | |
| 32) Benzene-d6 | 5.976 | 84 | 263808 | 38.509 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 77.020% | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 86568 | 42.885 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 85.760% | | |
| 41) Toluene-d8 | 8.653 | 98 | 251990 | 43.758 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 87.520% | | |
| 43) trans-1,3-Dichloroprop... | 8.951 | 79 | 47327 | 43.927 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 87.860% | | |
| 47) 2-Hexanone-d5 | 9.390 | 63 | 82082m | 95.194 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 95.190% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 128126 | 45.854 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 91.700% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 79741 | 46.370 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 92.740% | | |
| Target Compounds | | | | | | |
| | | | | | Qvalue | |
| 5) Vinyl chloride | 1.374 | 62 | 2030 | 1.192 | ug/L # | 16 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331 | 101 | 4330 | 2.699 | ug/L # | 74 |
| 12) 1,1-Dichloroethene | 2.312 | 96 | 2031 | 1.439 | ug/L # | 1 |
| 19) 1,1-Dichloroethane | 3.617 | 63 | 6761 | 2.261 | ug/L | 91 |
| 20) cis-1,2-Dichloroethene | 4.495 | 96 | 53761 | 32.410 | ug/L | 75 |
| 30) 1,1,1-Trichloroethane | 5.385 | 97 | 36537 | 10.482 | ug/L # | 90 |
| 34) Trichloroethene | 7.135 | 95 | 10895 | 5.908 | ug/L | 87 |
| 42) Toluene | 8.720 | 91 | 328907 | 47.721 | ug/L | 98 |
| 53) m,p-Xylene | 10.305 | 106 | 3942 | 1.463 | ug/L | 89 |
| 63) 1,2,4-Trimethylbenzene | 11.756 | 105 | 6824 | 1.149 | ug/L | 93 |

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