

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090420\
 Data File : VV018156.D
 Acq On : 04 Sep 2020 13:33
 Operator : SY/MD
 Sample : VV0904MBL01
 Misc : 5.0µ/5.0ml/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 00:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 00:02:28 2020
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 242450 | 50.00 | µg/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 243466 | 50.00 | µg/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 119363 | 50.00 | µg/L | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 63583 | 34.37 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 135 | Recovery | = | 68.74% |
| 7) Chloroethane-d5 | 1.58 | 69 | 65467 | 43.26 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 130 | Recovery | = | 86.52% |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 107507 | 30.38 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 125 | Recovery | = | 60.76% |
| 21) 2-Butanone-d5 | 3.92 | 46 | 144306 | 119.10 | µg/L | 0.01 |
| Spiked Amount | 100.000 | Range | 40 - 130 | Recovery | = | 119.10% |
| 24) Chloroform-d | 4.38 | 84 | 162458 | 48.24 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 96.48% |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 115263 | 52.70 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 105.40% |
| 32) Benzene-d6 | 5.08 | 84 | 312032 | 46.50 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 125 | Recovery | = | 93.00% |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 108327 | 49.38 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 70 - 120 | Recovery | = | 98.76% |
| 41) Toluene-d8 | 7.34 | 98 | 269145 | 44.60 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 80 - 120 | Recovery | = | 89.20% |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 52533 | 52.80 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 60 - 125 | Recovery | = | 105.60% |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 72222 | 102.60 | µg/L | 0.00 |
| Spiked Amount | 100.000 | Range | 45 - 130 | Recovery | = | 102.60% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 148027 | 51.82 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 65 - 120 | Recovery | = | 103.64% |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 129250 | 55.02 | µg/L | 0.00 |
| Spiked Amount | 50.000 | Range | 80 - 120 | Recovery | = | 110.04% |

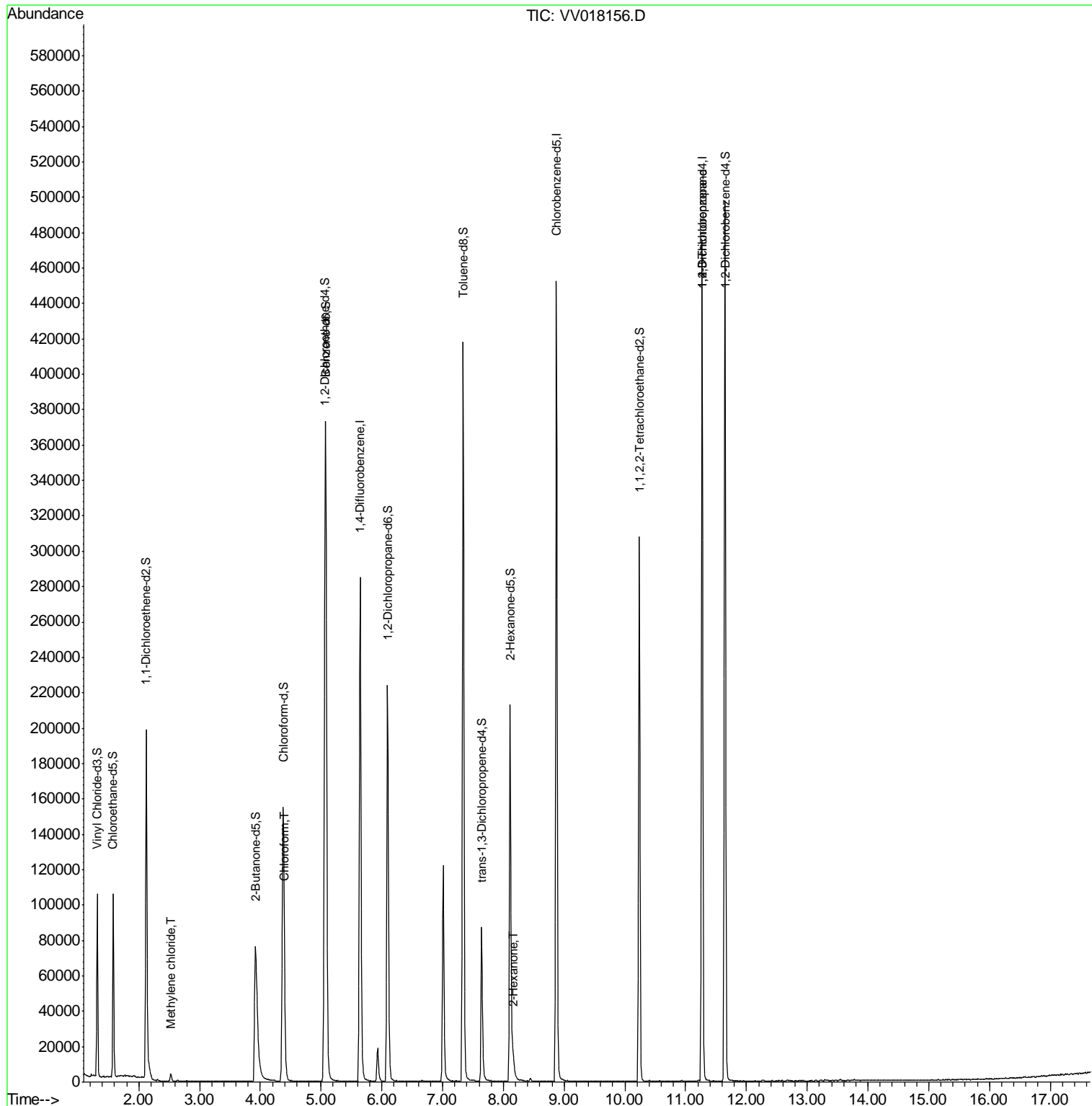
| Target Compounds | | | | | Ovalue |
|----------------------------|-------|----|-------|-------|-----------|
| 16) Methylene chloride | 2.52 | 84 | 1739 | 0.839 | µg/L 88 |
| 25) Chloroform | 4.41 | 83 | 6246 | 1.822 | µg/L 92 |
| 48) 2-Hexanone | 8.17 | 43 | 6753 | 3.119 | µg/L # 73 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 13925 | 5.489 | µg/L 96 |

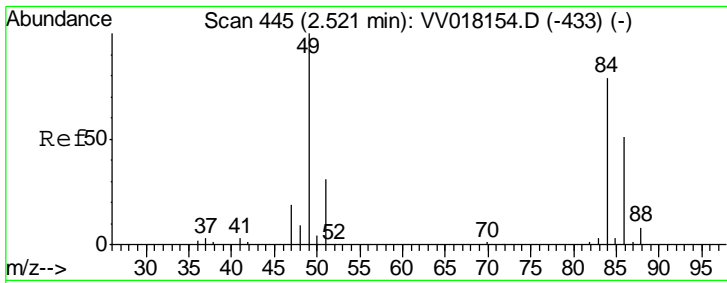
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : 5.0µ/5.0ml/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :

Quant Time: Sep 05 00:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
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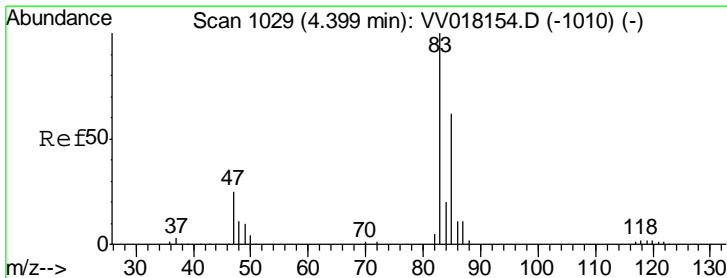
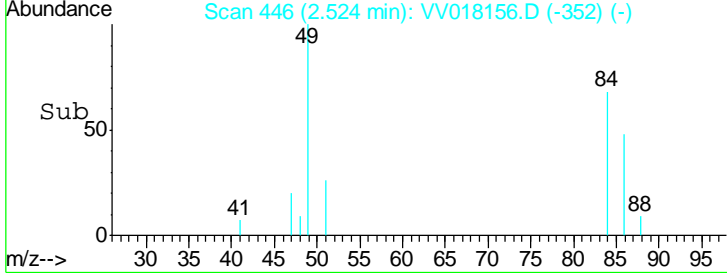
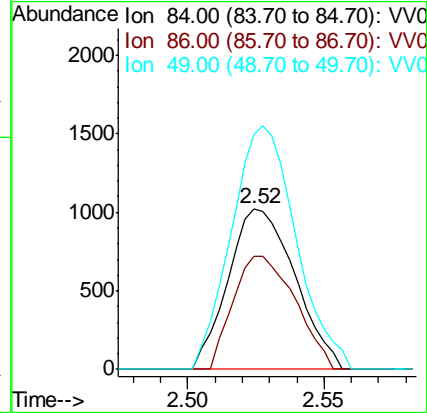
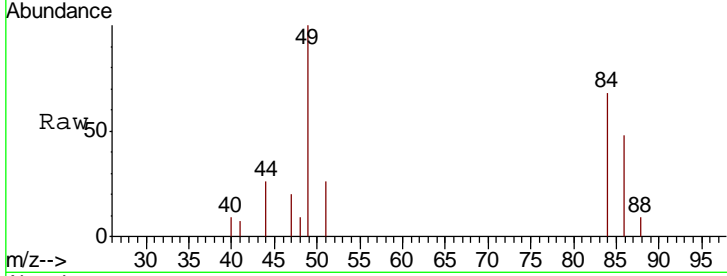




#16
 Methylene chloride
 Concen: 0.839 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: VV018156.D
 Acq: 04 Sep 2020 13:33

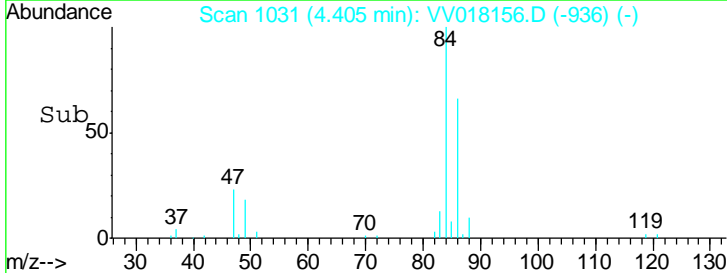
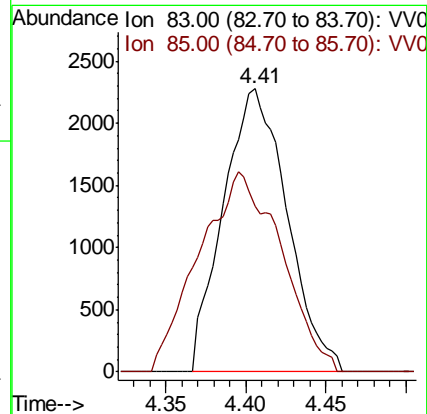
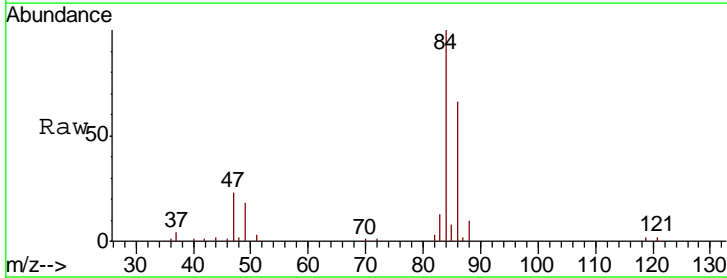
Instrument :
 MSVOA_V
 ClientSampled :

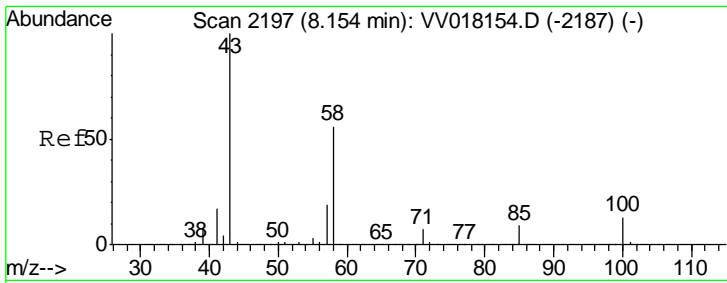
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 84 | 1739 | | |
| 84 | 100 | | |
| 86 | 70.8 | 46.3 | 85.9 |
| 49 | 146.3 | 89.7 | 166.5 |



#25
 Chloroform
 Concen: 1.822 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV018156.D
 Acq: 04 Sep 2020 13:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 6246 | | |
| 83 | 100 | | |
| 85 | 58.5 | 45.5 | 84.5 |

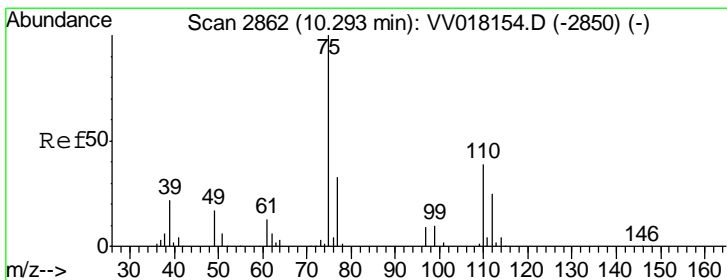
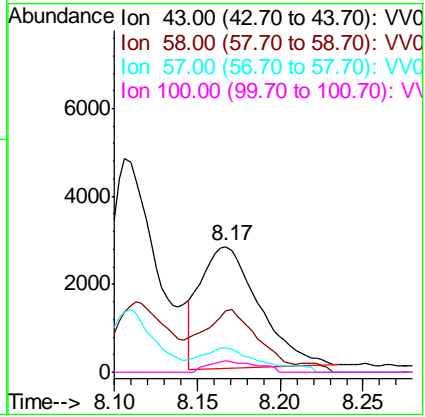
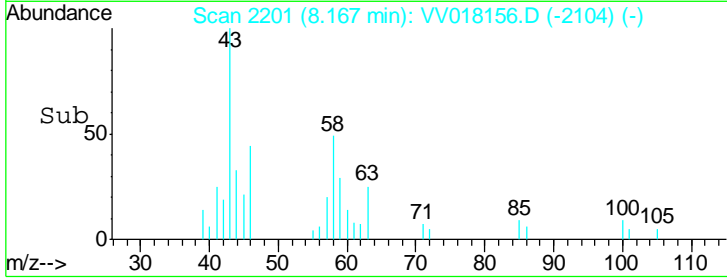
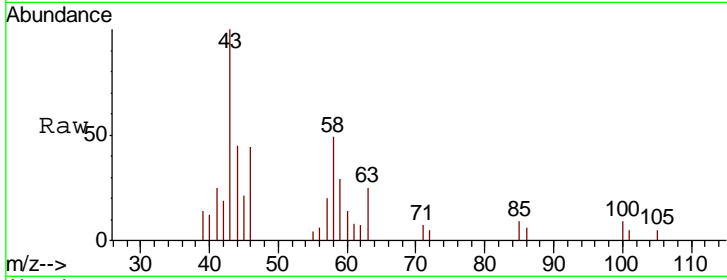




#48
 2-Hexanone
 Concen: 3.119 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV018156.D
 Acq: 04 Sep 2020 13:33

Instrument : MSVOA_V
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 6753 | | |
| 58 | 30.6 | 44.4 | 66.6# |
| 57 | 13.3 | 15.2 | 22.8# |
| 100 | 6.9 | 9.8 | 14.6# |



#59
 1,2,3-Trichloropropane
 Concen: 5.489 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018156.D
 Acq: 04 Sep 2020 13:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 75 | 13925 | | |
| 77 | 34.2 | 25.7 | 38.5 |

