

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\  
 Data File : VV016404.D  
 Acq On : 01 Jun 2020 12:01  
 Operator : SY/MD  
 Sample : L2826-01 10X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CWKB4

Quant Time: Jun 02 02:13:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 02 01:13:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 83801    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 76737    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 25628    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27355    | 3.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 22305    | 4.00     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 80.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 39314    | 3.06     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.20% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 70318    | 44.42    | ug/L | 0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.84% |
| 24) Chloroform-d               | 4.38   | 84    | 50626    | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.60% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 28677    | 4.44     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80% |
| 32) Benzene-d6                 | 5.08   | 84    | 100649   | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 30055    | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 85144    | 4.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 9734     | 4.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.20% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 53037    | 46.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.88% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 19196    | 4.03     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 80.60% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 19497    | 4.10     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 82.00% |

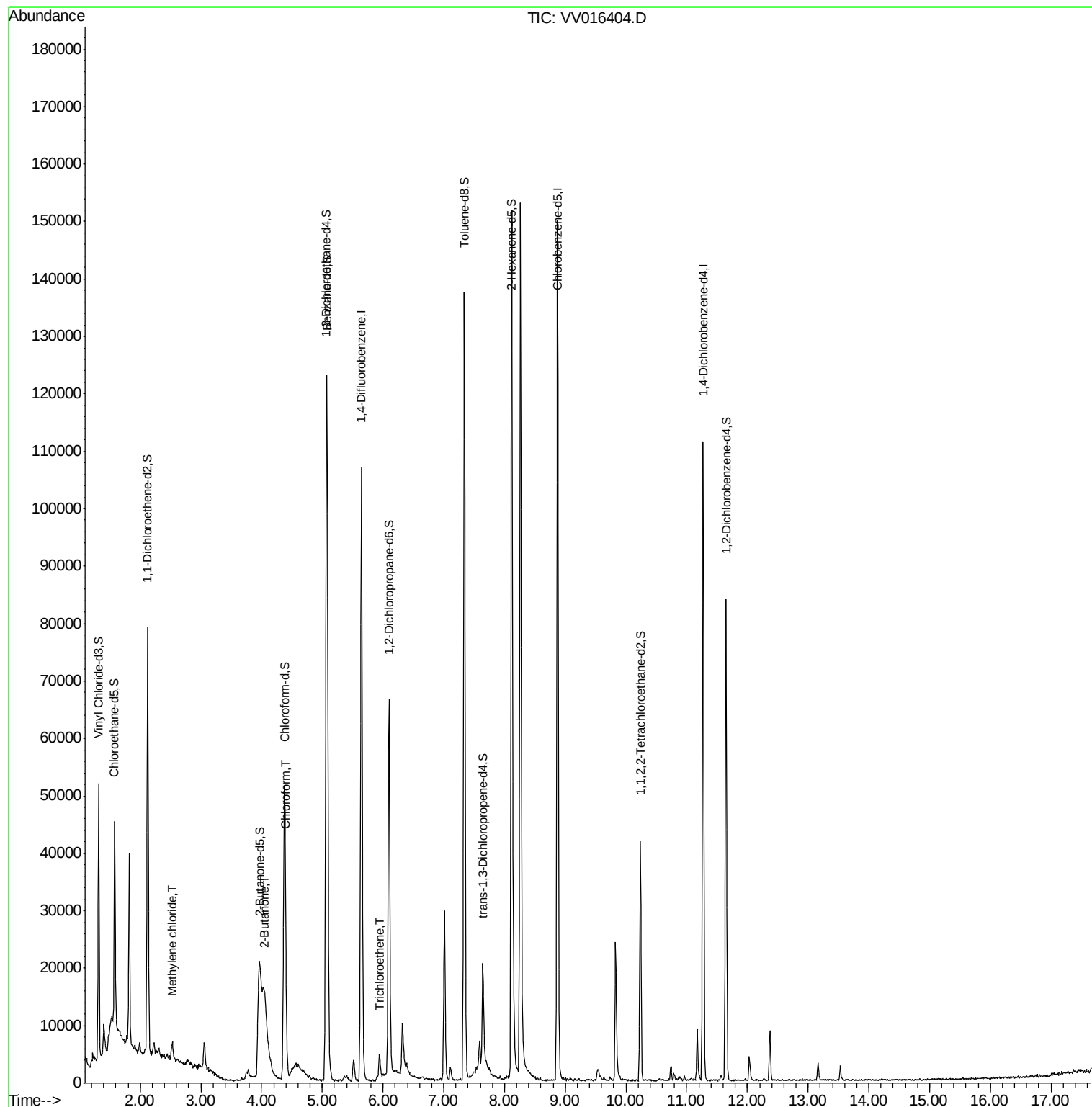
| Target Compounds       |      |    |       |               | Ovalue |
|------------------------|------|----|-------|---------------|--------|
| 16) Methylene chloride | 2.52 | 84 | 1176  | 0.204 ug/L    | 93     |
| 21) 2-Butanone         | 4.06 | 43 | 29417 | 18.736 ug/L # | 64     |
| 25) Chloroform         | 4.40 | 83 | 3067  | 0.271 ug/L    | 88     |
| 34) Trichloroethene    | 5.94 | 95 | 1082  | 0.182 ug/L    | 93     |

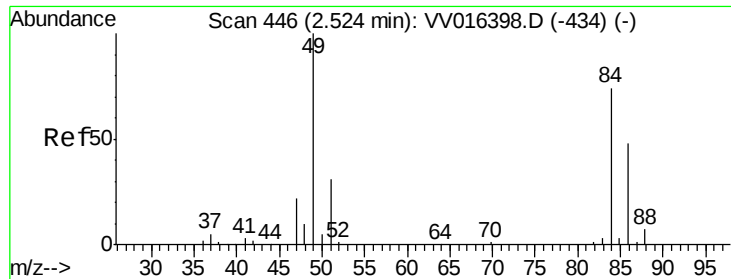
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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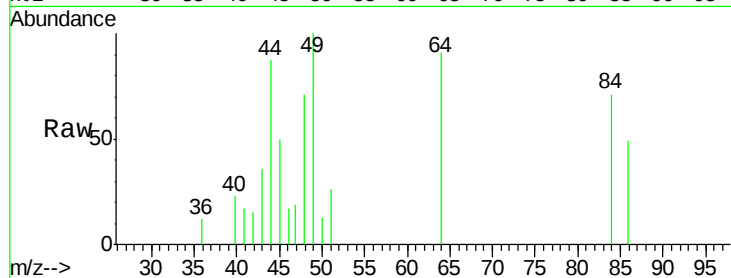




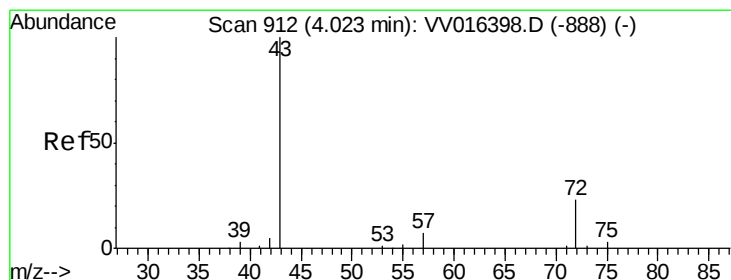
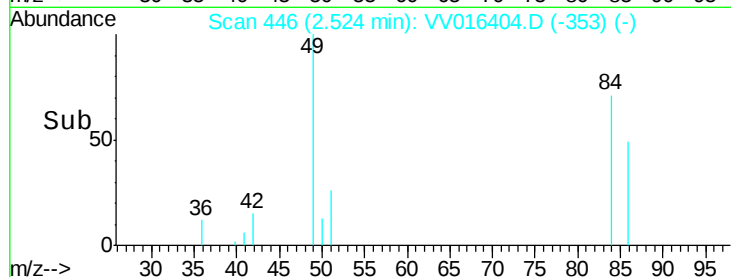
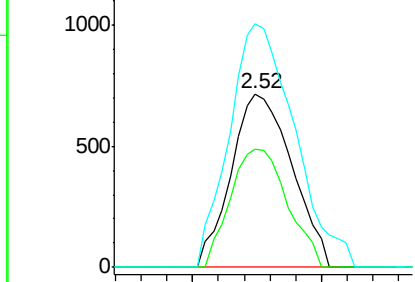
#16  
Methvlene chloride  
Concen: 0.204 ug/L  
RT: 2.52 min Scan# 446  
Delta R.T. -0.00 min  
Lab File: VV016404.D  
Acq: 01 Jun 2020 12:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
CWKB4

Tot Ion: 84 Resp: 1176  
Ion Ratio Lower Upper  
84 100  
86 68.3 44.5 82.7  
49 140.4 92.3 171.3

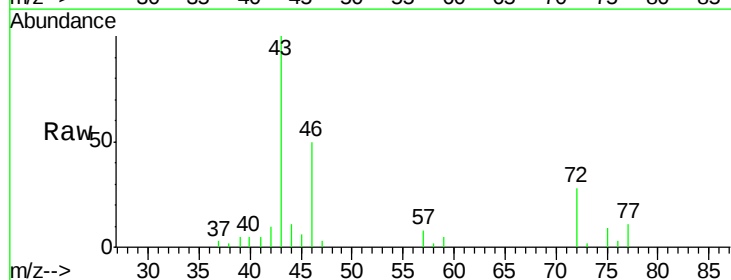


Abundance Ion 84.05 (83.75 to 84.75): VV0  
Ion 86.00 (85.70 to 86.70): VV0  
Ion 49.10 (48.80 to 49.80): VV0

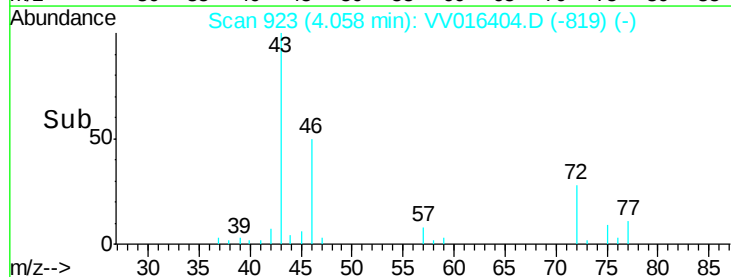
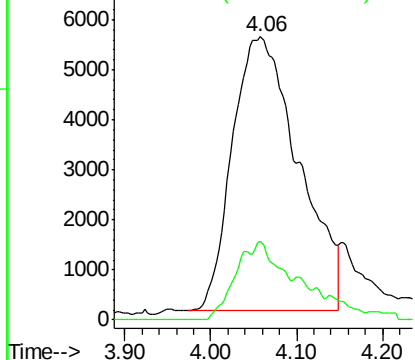


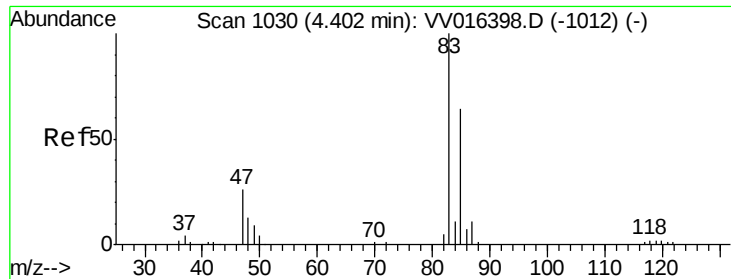
#21  
2-Butanone  
Concen: 18.736 ug/L  
RT: 4.06 min Scan# 923  
Delta R.T. 0.04 min  
Lab File: VV016404.D  
Acq: 01 Jun 2020 12:01

Tgt Ion: 43 Resp: 29417  
Ion Ratio Lower Upper  
43 100  
72 5.2 11.2 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0  
Ion 72.00 (71.70 to 72.70): VV0

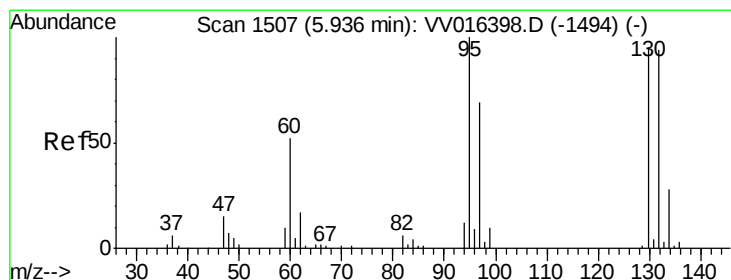
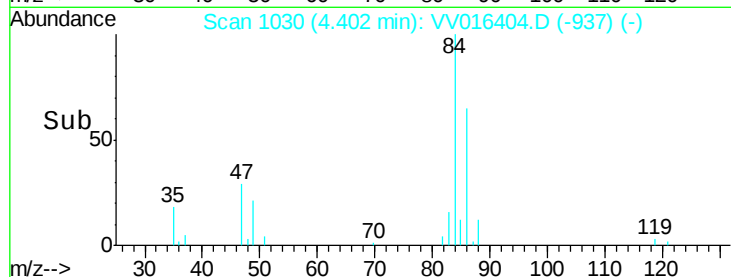
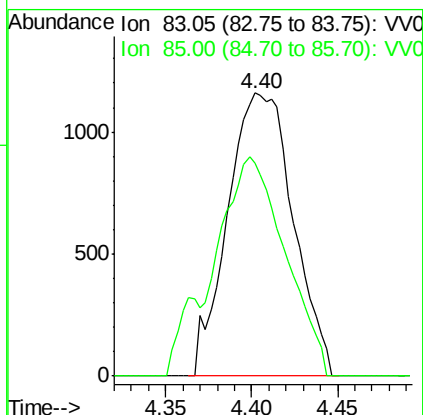
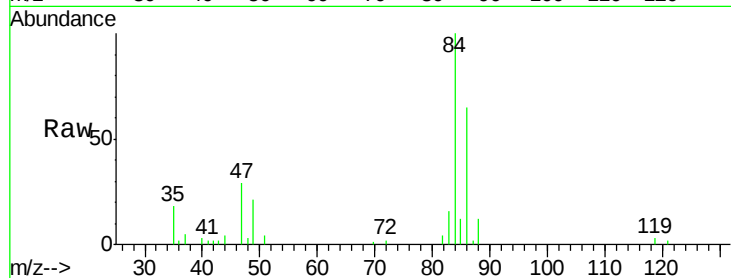




#25  
Chloroform  
Concen: 0.271 ug/L  
RT: 4.40 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: VV016404.D  
Acq: 01 Jun 2020 12:01

Instrument :  
MSVOA\_V  
ClientSampled :  
CWKB4

Tot Ion: 83 Resp: 3067  
Ion Ratio Lower Upper  
83 100  
85 75.3 45.8 85.2



#34  
Trichloroethene  
Concen: 0.182 ug/L  
RT: 5.94 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: VV016404.D  
Acq: 01 Jun 2020 12:01

Tgt Ion: 95 Resp: 1082  
Ion Ratio Lower Upper  
95 100  
97 56.9 42.6 79.0  
132 79.7 59.6 110.8  
130 84.9 64.8 120.4

