

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\  
 Data File : VV015507.D  
 Acq On : 15 Apr 2020 14:25  
 Operator : SY/MD  
 Sample : L2273-03DL 10X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAQ81DL

Quant Time: Apr 16 01:27:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 16 00:42:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 112227   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 105593   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 51111    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 30258    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 27319    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 43750    | 3.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 79208    | 48.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.88%  |
| 24) Chloroform-d               | 4.38   | 84    | 59416    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 33354    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.08   | 84    | 118633   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 36500    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00% |
| 41) Toluene-d8                 | 7.34   | 98    | 108091   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 14991    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.40%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 63911    | 41.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 25340    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 39587    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.60%  |

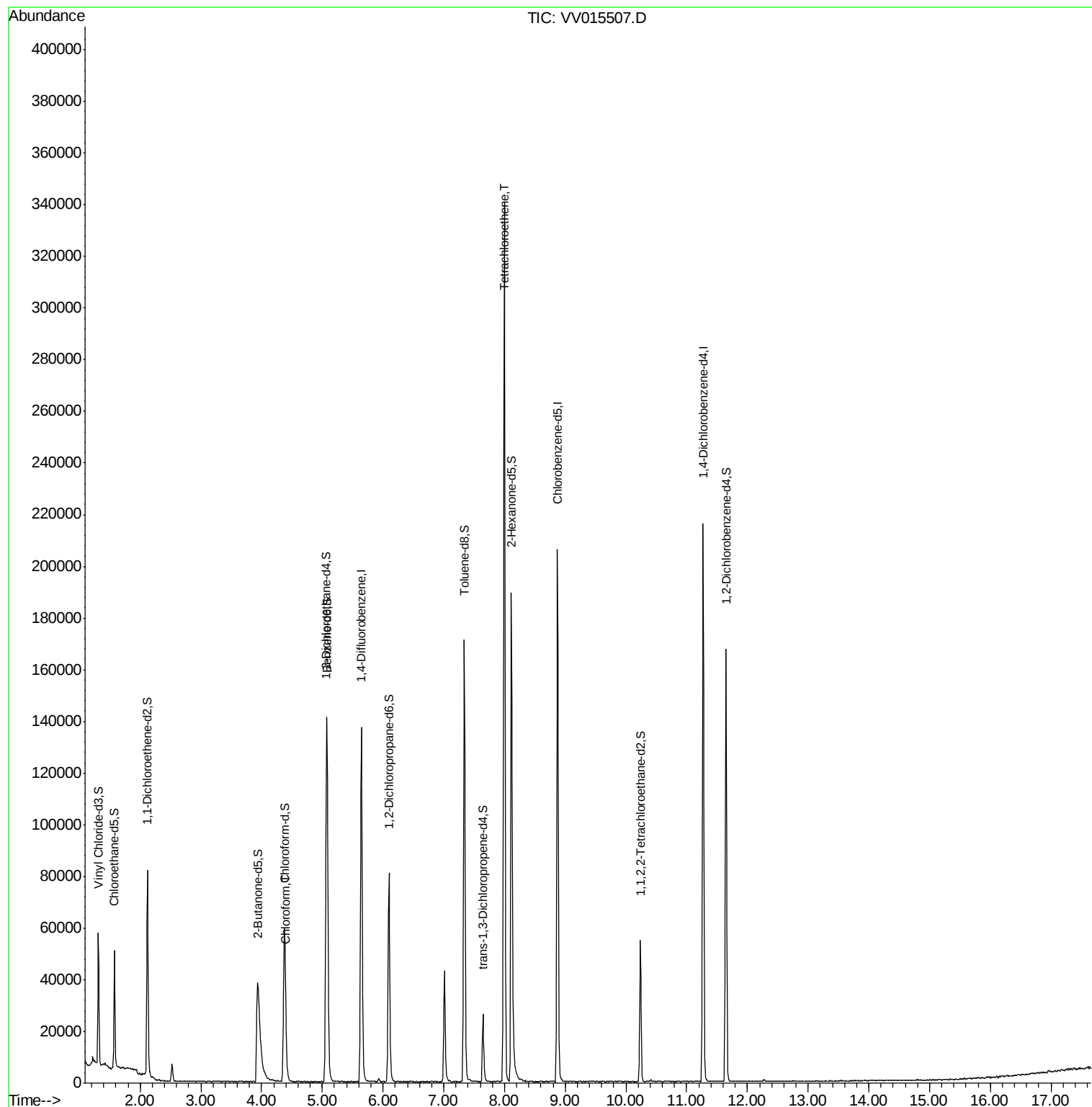
| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 25) Chloroform        | 4.41 | 83  | 4371  | 0.285 ug/L  | 100    |
| 47) Tetrachloroethene | 8.00 | 164 | 70572 | 11.198 ug/L | 99     |

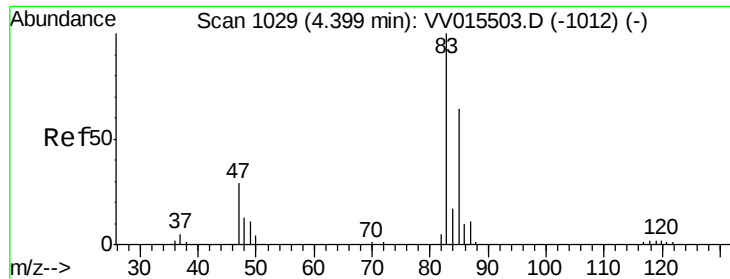
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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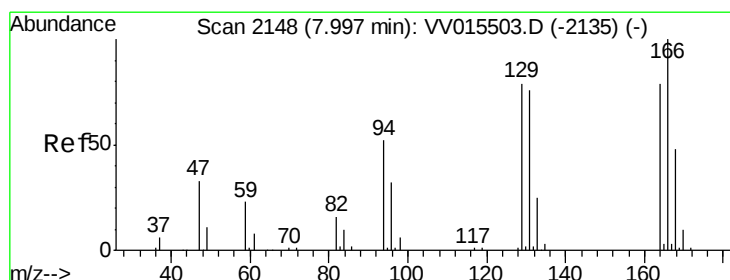
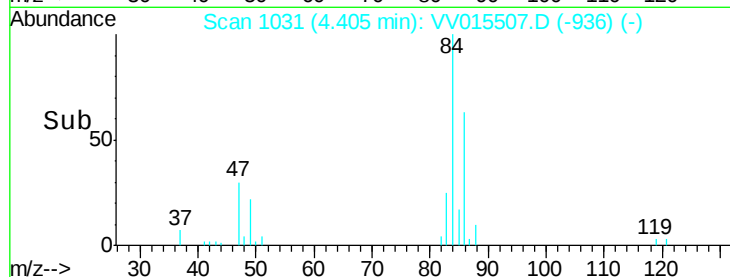
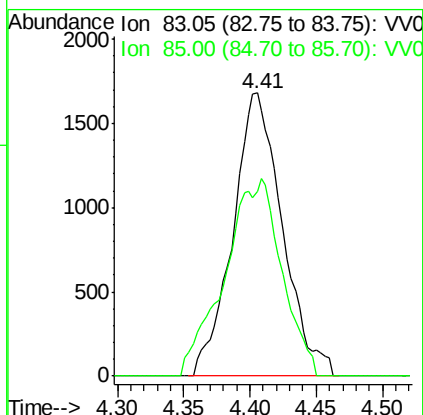
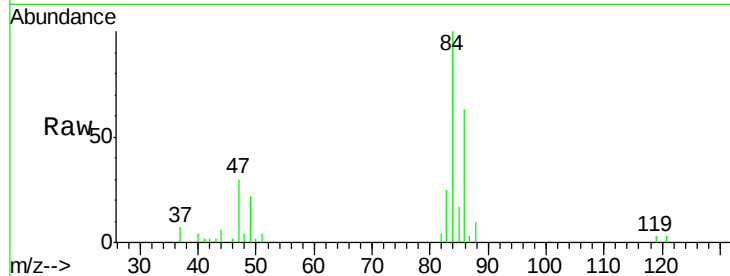




#25  
Chloroform  
Concen: 0.285 ug/L  
RT: 4.41 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: VV015507.D  
Acq: 15 Apr 2020 14:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
YAQ81DL

Tot Ion: 83 Resp: 4371  
Ion Ratio Lower Upper  
83 100  
85 65.3 45.9 85.3



#47  
Tetrachloroethene  
Concen: 11.198 ug/L  
RT: 8.00 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: VV015507.D  
Acq: 15 Apr 2020 14:25

Tgt Ion: 164 Resp: 70572  
Ion Ratio Lower Upper  
164 100  
129 100.1 70.6 131.0  
131 95.9 68.3 126.8  
166 128.1 88.3 163.9

