

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
 Data File : VV017291.D  
 Acq On : 01 Jul 2020 15:58  
 Operator : SY/MD  
 Sample : L3150-14DL 4X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ9DL

Quant Time: Jul 02 05:43:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 168893   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 165231   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 78845    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

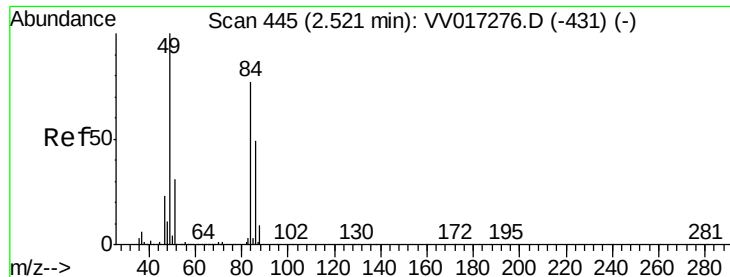
|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 40351    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 38259    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 67044    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 123606   | 47.85    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.70%  |
| 24) Chloroform-d               | 4.38   | 84    | 106721   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 58630    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.00% |
| 32) Benzene-d6                 | 5.08   | 84    | 189308   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 56854    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 165926   | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.60%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 22791    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.20%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 81819    | 40.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.36%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 40764    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 69643    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.60%  |

## Target Compounds

|                            |      |    |       |              | Ovalue |
|----------------------------|------|----|-------|--------------|--------|
| 16) Methylene chloride     | 2.53 | 84 | 3915  | 0.451 ug/L # | 70     |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 15069 | 1.283 ug/L # | 90     |
| 34) Trichloroethene        | 5.94 | 95 | 70960 | 5.600 ug/L   | 97     |

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

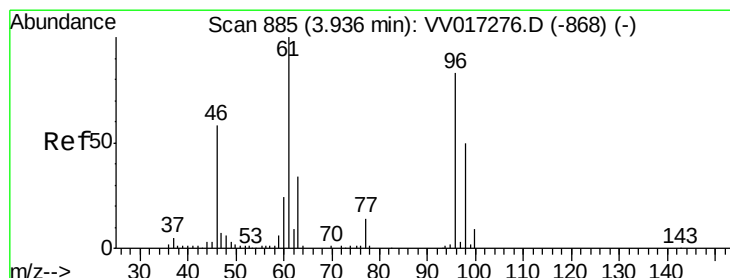
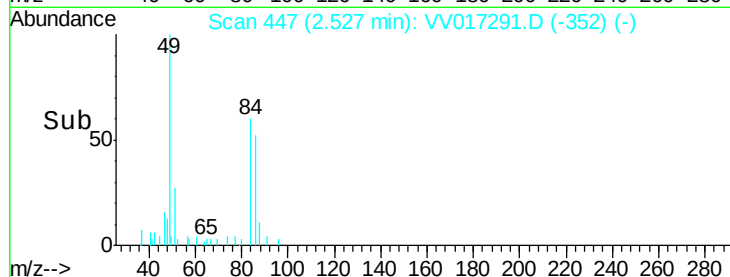
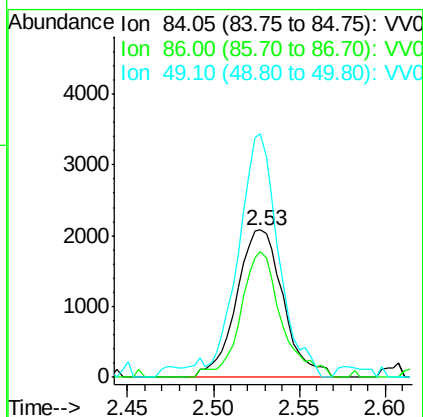
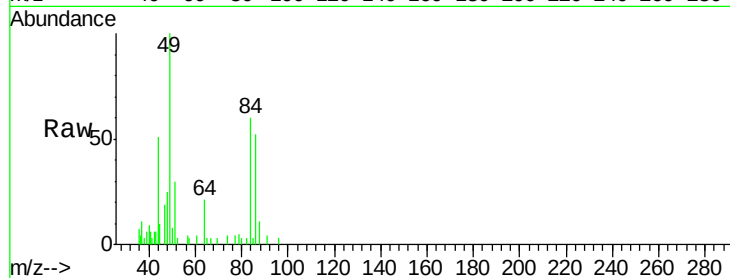
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
Data File : VV017291.D  
Acq On : 01 Jul 2020 15:58  
Operator : SY/MD  
Sample : L3150-14DL 4X  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 18 Sample Multiplier: 1



#16  
Methylene chloride  
Concen: 0.451 ug/L  
RT: 2.53 min Scan# 447  
Delta R.T. 0.01 min  
Lab File: VV017291.D  
Acq: 01 Jul 2020 15:58

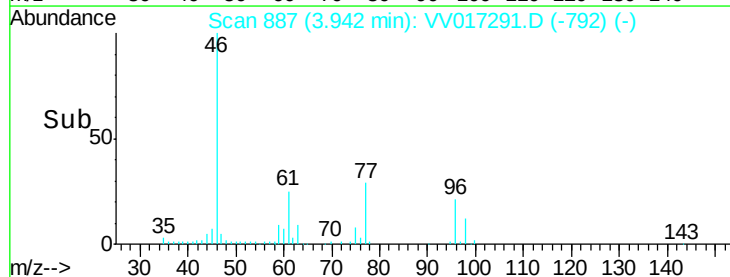
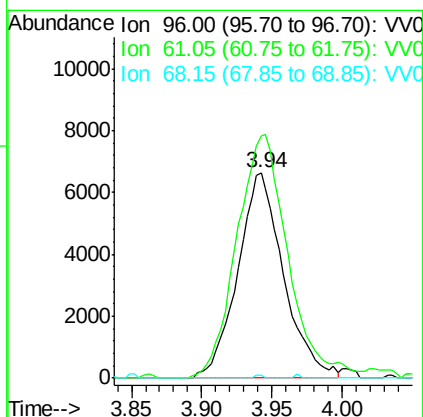
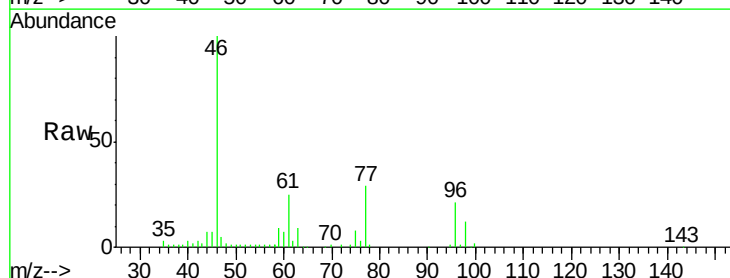
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETYJ9DL

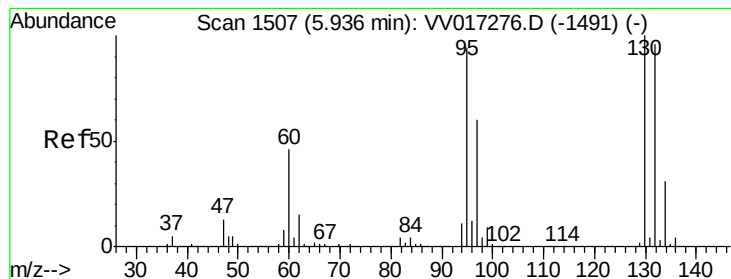
Tot Ion: 84 Resp: 3915  
Ion Ratio Lower Upper  
84 100  
86 85.4 45.8 85.0#  
49 165.4 89.6 166.4



#22  
cis-1,2-Dichloroethene  
Concen: 1.283 ug/L  
RT: 3.94 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: VV017291.D  
Acq: 01 Jul 2020 15:58

Tgt Ion: 96 Resp: 15069  
Ion Ratio Lower Upper  
96 100  
61 118.2 91.0 169.0  
68 1.7 0.0 0.0#





#34

Trichloroethene

Concen: 5.600 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017291.D

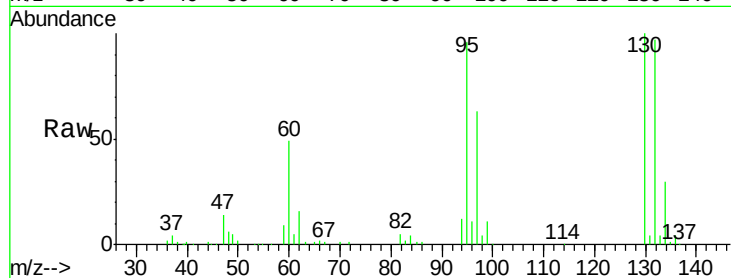
Acq: 01 Jul 2020 15:58

Instrument :

MSVOA\_V

ClientSampleId :

ETYJ9DL



Tot Ion: 95 Resp: 70960

Ion Ratio Lower Upper

95 100

97 66.1 45.3 84.1

132 100.9 68.8 127.8

130 104.3 70.2 130.4

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

