

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\  
 Data File : VV016116.D  
 Acq On : 19 May 2020 12:10  
 Operator : SY/MD  
 Sample : L2711-02  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFX38

Quant Time: May 20 01:48:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 20 01:20:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 143928   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 140415   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 65516    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 36255    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 38341    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 57632    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 131000   | 58.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.64% |
| 24) Chloroform-d               | 4.38   | 84    | 88573    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 51405    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.00% |
| 32) Benzene-d6                 | 5.07   | 84    | 168194   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 55158    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 147424   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 18125    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.60%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 92561    | 52.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.28% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 39113    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.00% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 55620    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.60% |

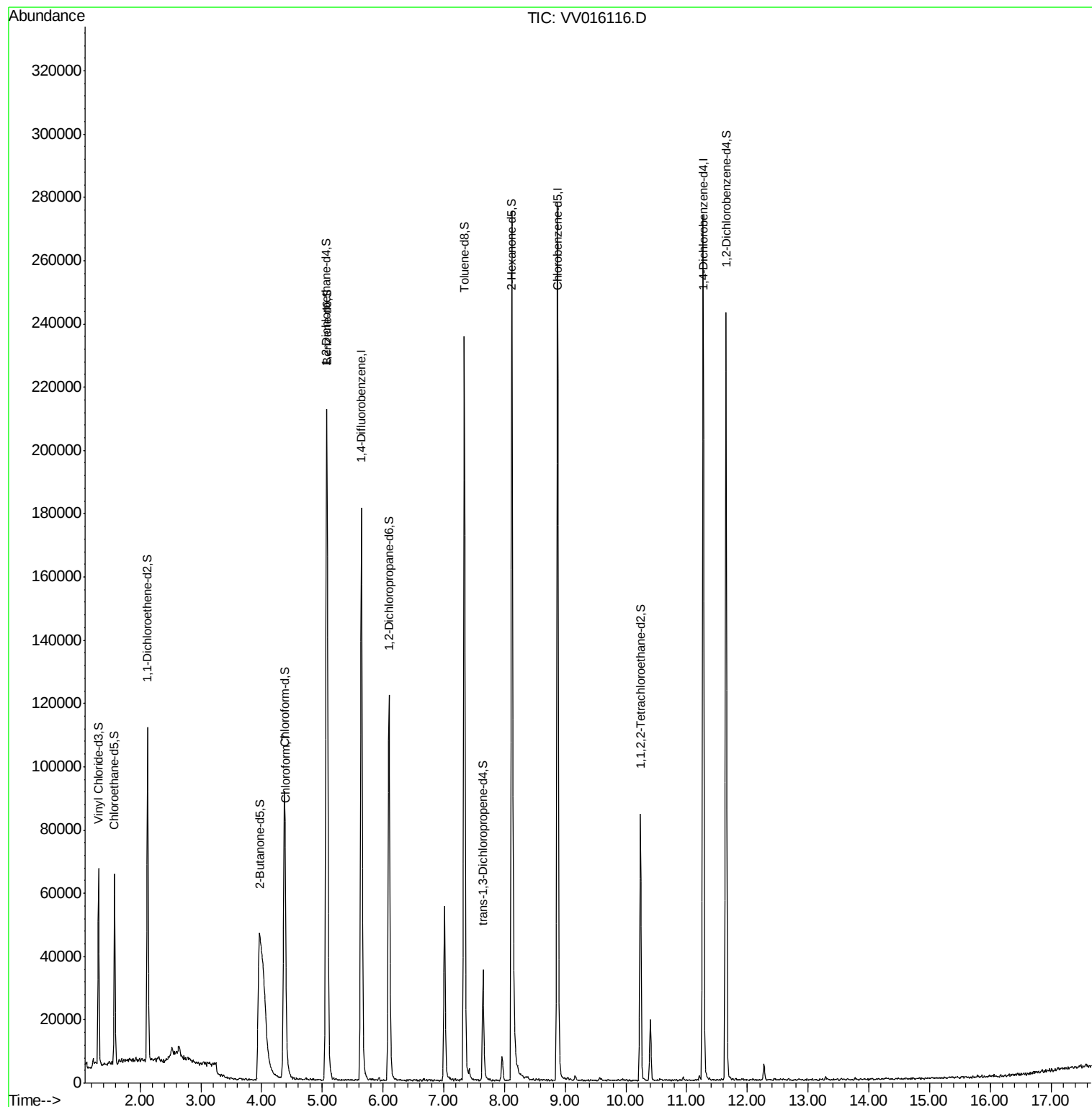
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.40 | 83 | 4241 | 0.228 ug/L | 97     |

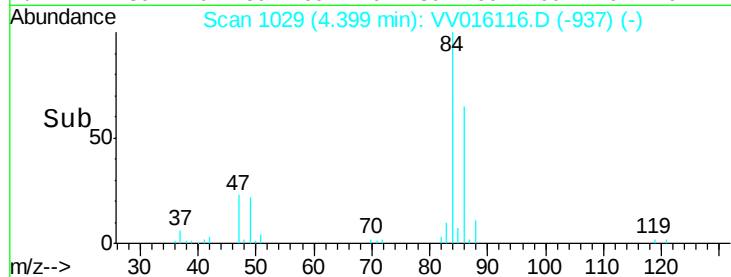
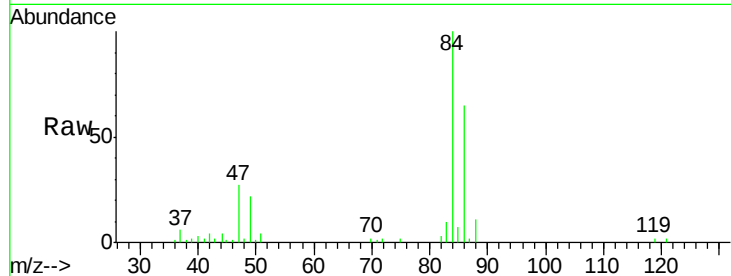
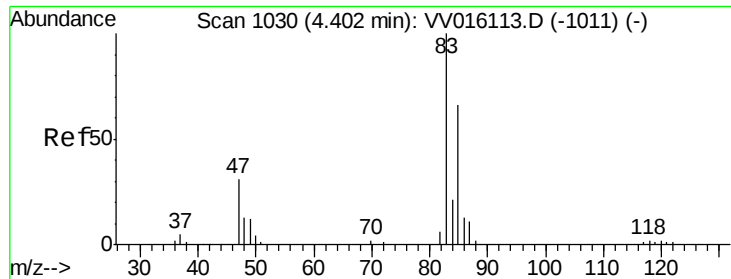
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\  
Data File : VV016116.D  
Acq On : 19 May 2020 12:10  
Operator : SY/MD  
Sample : L2711-02  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFX38

Quant Time: May 20 01:48:22 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed May 20 01:20:41 2020  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.228 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV016116.D

Acq: 19 May 2020 12:10

Instrument :

MSVOA\_V

ClientSampleId :

BFX38

Tot Ion: 83 Resp: 4241

Ion Ratio Lower Upper

83 100

85 67.5 45.7 84.9

