

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046112.D
 Acq On : 06 Dec 2021 15:19
 Operator : SY/MD
 Sample : M4938-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8D9

Quant Time: Dec 07 01:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

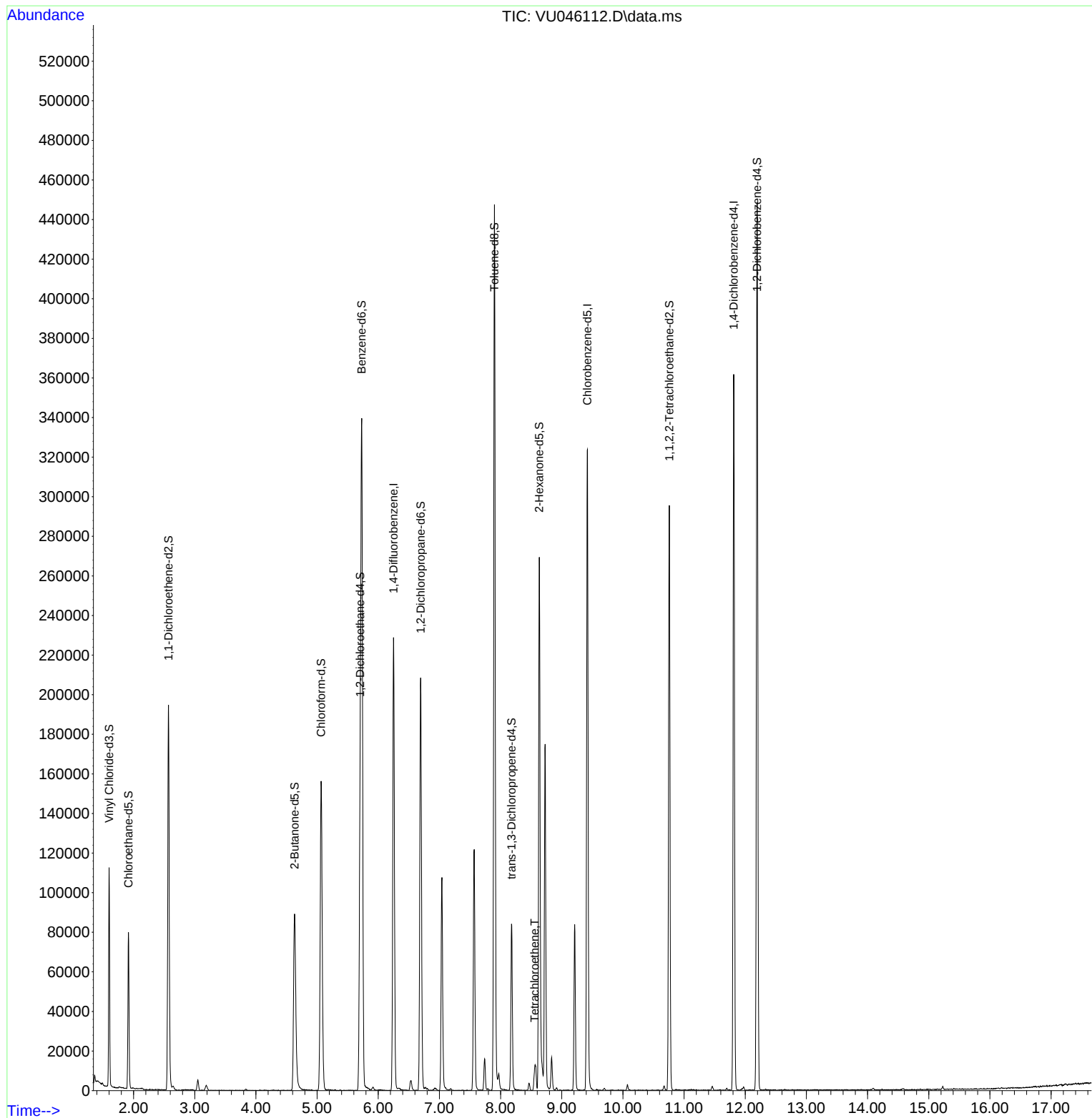
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189813	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76793	49.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.220%
7) Chloroethane-d5	1.916	69	56719	47.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.500%
11) 1,1-Dichloroethene-d2	2.572	63	114268	40.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.420%
21) 2-Butanone-d5	4.633	46	133867	107.699	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	5.067	84	147722	56.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.140%
26) 1,2-Dichloroethane-d4	5.703	65	100769	57.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.020%
32) Benzene-d6	5.729	84	324284	60.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.700%
36) 1,2-Dichloropropane-d6	6.694	67	101186	60.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.540%#
41) Toluene-d8	7.899	98	299137	61.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.300%#
43) trans-1,3-Dichloroprop...	8.179	79	47049	58.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.060%
47) 2-Hexanone-d5	8.632	63	98561	124.837	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	144010	57.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	118493	63.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.440%#
Target Compounds						
					Qvalue	
46) Tetrachloroethene	8.558	164	2179	1.984	ug/L	86

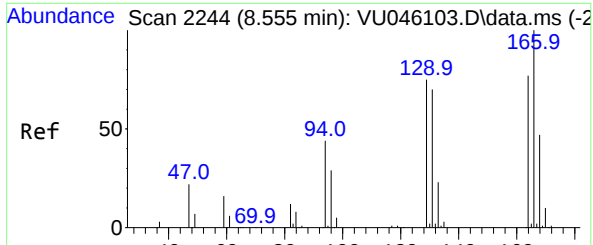
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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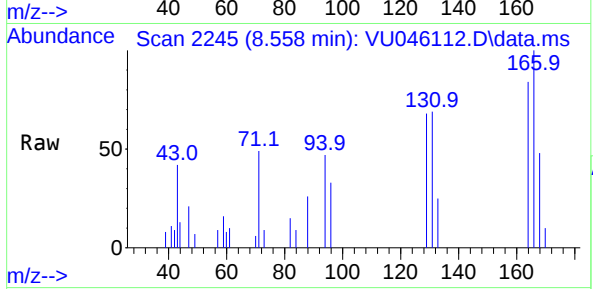
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#46
 Tetrachloroethene
 Concen: 1.984 ug/L
 RT: 8.558 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU046112.D
 Acq: 06 Dec 2021 15:19

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Tgt Ion:164 Resp: 2179

Ion	Ratio	Lower	Upper
164	100		
129	81.4	71.1	132.1
131	82.9	67.8	126.0
166	119.5	90.6	168.2

