

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046133.D
 Acq On : 07 Dec 2021 12:26
 Operator : SY/MD
 Sample : M4938-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8D9

Quant Time: Dec 08 04:52:33 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)

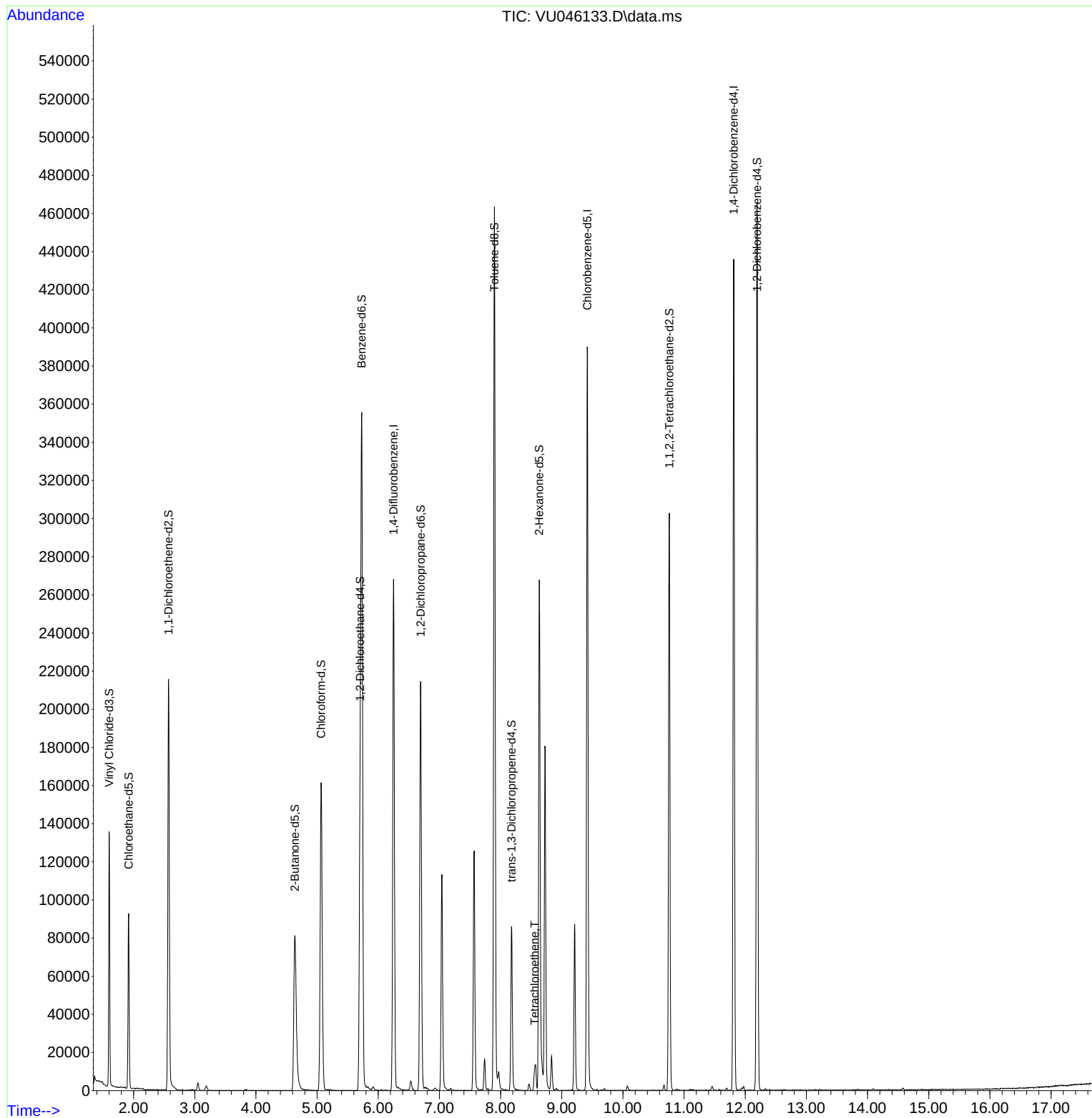
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	228161	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	224566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	93137	49.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.100%
7) Chloroethane-d5	1.919	69	67397	46.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.572	63	127854	37.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.780%
21) 2-Butanone-d5	4.636	46	138527	92.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.067	84	153020	48.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
26) 1,2-Dichloroethane-d4	5.703	65	102780	48.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	5.729	84	342326	53.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.380%
36) 1,2-Dichloropropane-d6	6.694	67	102794	51.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.060%
41) Toluene-d8	7.899	98	317671	54.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
43) trans-1,3-Dichloroprop...	8.179	79	49570	51.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.960%
47) 2-Hexanone-d5	8.632	63	100009	105.741	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	148750	49.171	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	124607	54.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.640%
Target Compounds						
					Qvalue	
46) Tetrachloroethene	8.555	164	2114	1.607	ug/L	92

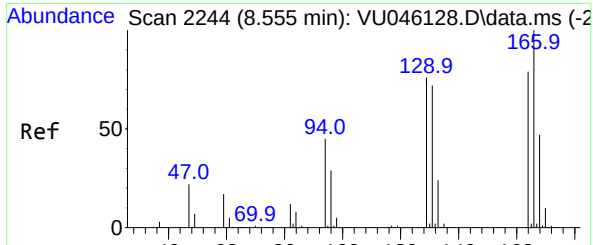
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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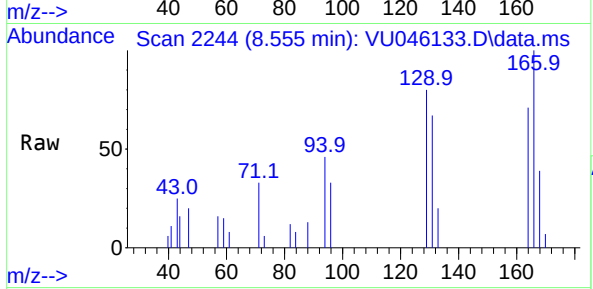
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#46
 Tetrachloroethene
 Concen: 1.607 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046133.D
 Acq: 07 Dec 2021 12:26

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Tgt Ion:164 Resp: 2114

Ion	Ratio	Lower	Upper
164	100		
129	111.7	71.1	132.1
131	94.3	67.8	126.0
166	140.3	90.6	168.2

