

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022436.D
 Acq On : 30 Sep 2021 16:54
 Operator : SY/MD
 Sample : M3979-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A04

Quant Time: Oct 01 02:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

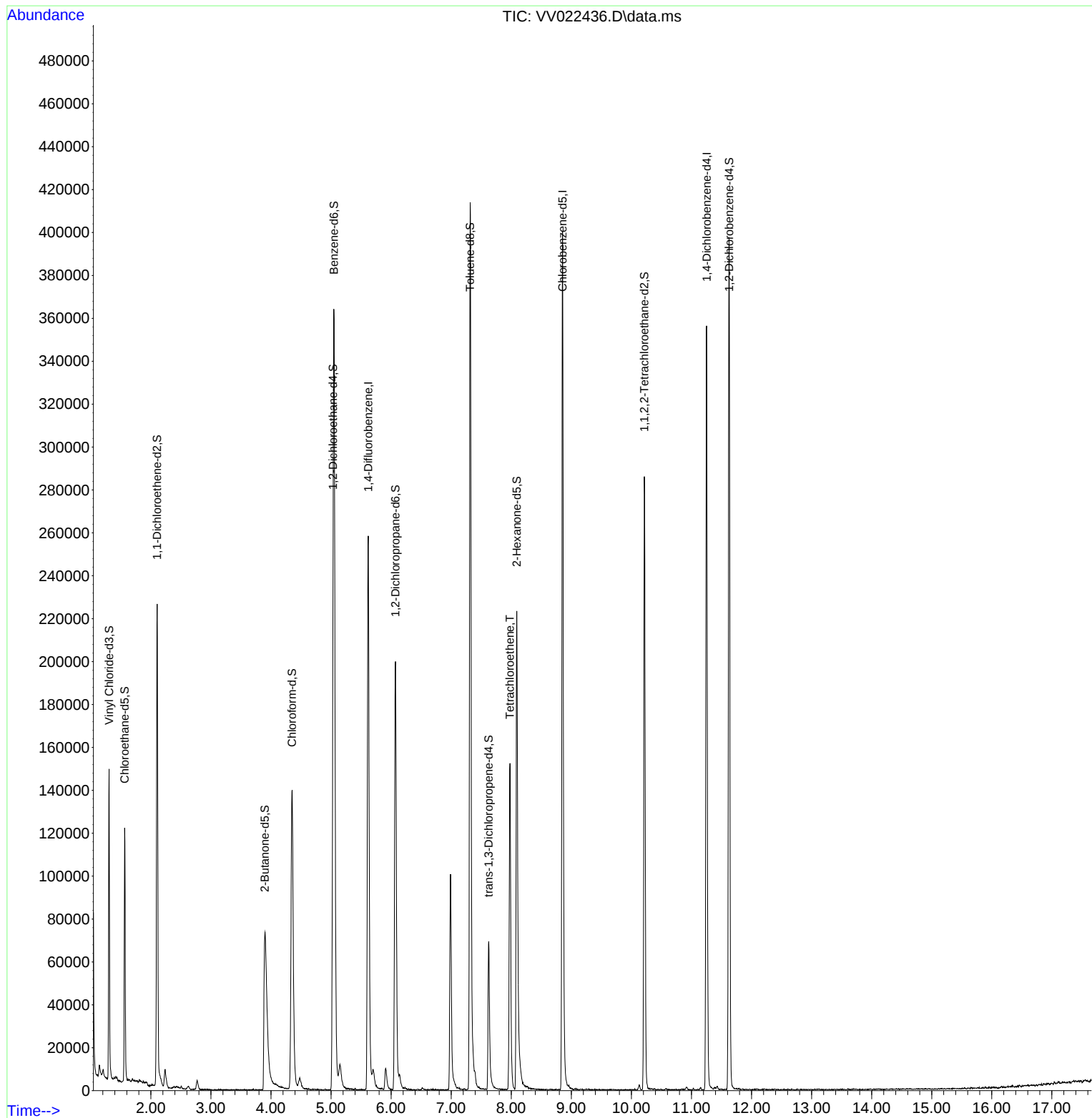
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228317	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228421	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98973	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88614	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.46%			
7) Chloroethane-d5	1.565	69	71321	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.08%			
11) 1,1-Dichloroethene-d2	2.105	63	116601	34.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.22%			
21) 2-Butanone-d5	3.896	46	126326	92.38	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.38%			
24) Chloroform-d	4.349	84	144357	41.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.52%			
26) 1,2-Dichloroethane-d4	5.034	65	94119	43.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.74%			
32) Benzene-d6	5.050	84	315022	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.68%			
36) 1,2-Dichloropropane-d6	6.072	67	100029	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.02%			
41) Toluene-d8	7.317	98	285320	43.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.76%			
43) trans-1,3-Dichloroprop...	7.625	79	43327	41.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.54%			
47) 2-Hexanone-d5	8.092	63	81099	86.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.82%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	134708	40.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.74%			
66) 1,2-Dichlorobenzene-d4	11.628	152	109372	49.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
46) Tetrachloroethene	7.979	164	37292	25.26	ug/L	94

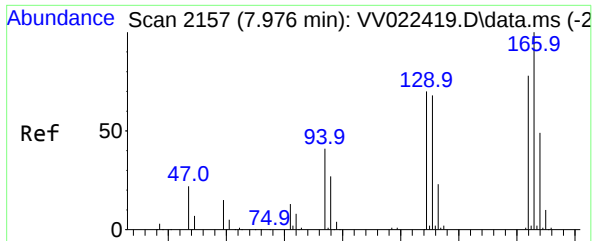
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46
 Tetrachloroethene
 Concen: 25.26 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
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Tgt Ion:164 Resp: 37292

Ion	Ratio	Lower	Upper
164	100		
129	87.5	66.4	123.4
131	85.1	63.6	118.0
166	125.7	91.6	170.0

