

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112425\
 Data File : VU063785.D
 Acq On : 24 Nov 2025 18:16
 Operator : MD/SY
 Sample : Q3688-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 M-285

Quant Time: Nov 25 00:25:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 25 00:22:49 2025
 Response via : Initial Calibration

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

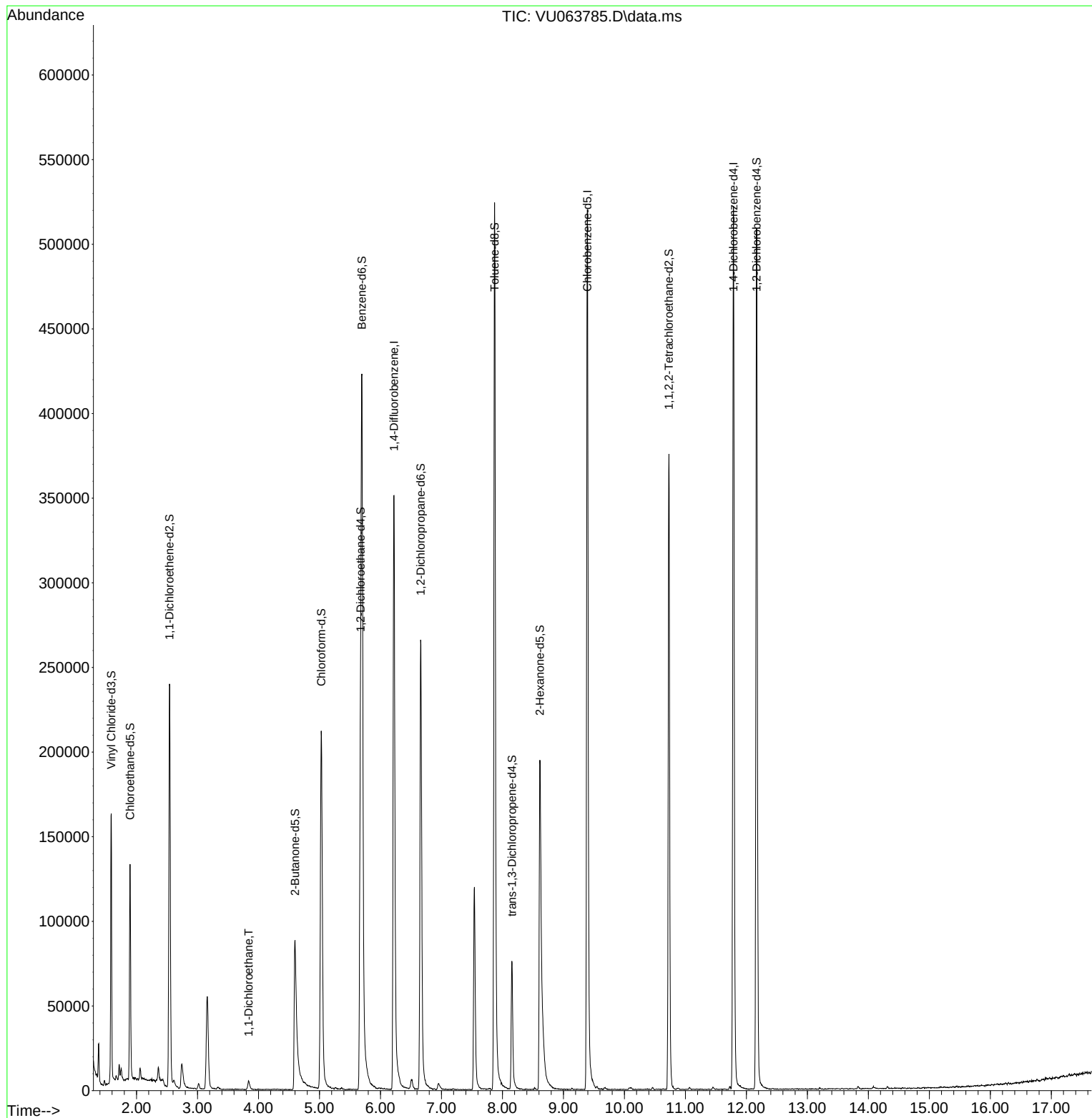
Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	311188	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	296233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	144368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	104331	38.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.640%		
7) Chloroethane-d5	1.894	69	88784	42.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.760%		
11) 1,1-Dichloroethene-d2	2.541	63	148512	31.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.760%		
21) 2-Butanone-d5	4.599	46	126502	82.575	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.570%		
24) Chloroform-d	5.029	84	204443	45.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	5.672	65	139753	47.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
32) Benzene-d6	5.695	84	395920	45.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
36) 1,2-Dichloropropane-d6	6.660	67	123459	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.860%		
41) Toluene-d8	7.872	98	366888	44.502	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.000%		
43) trans-1,3-Dichloroprop...	8.155	79	44066	41.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.660%		
47) 2-Hexanone-d5	8.614	63	77305	83.410	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.410%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	177781	47.691	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.380%		
66) 1,2-Dichlorobenzene-d4	12.167	152	135241	49.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.240%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.837	63	6118	1.466	ug/L	93

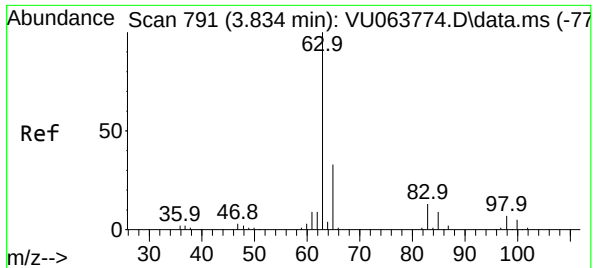
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19
 1,1-Dichloroethane
 Concen: 1.466 ug/L
 RT: 3.837 min Scan# 791
 Delta R.T. 0.003 min
 Lab File: VU063785.D
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Tgt Ion: 63 Resp: 6118
 Ion Ratio Lower Upper
 63 100
 65 26.6 22.0 41.0
 83 12.1 9.5 17.7

