

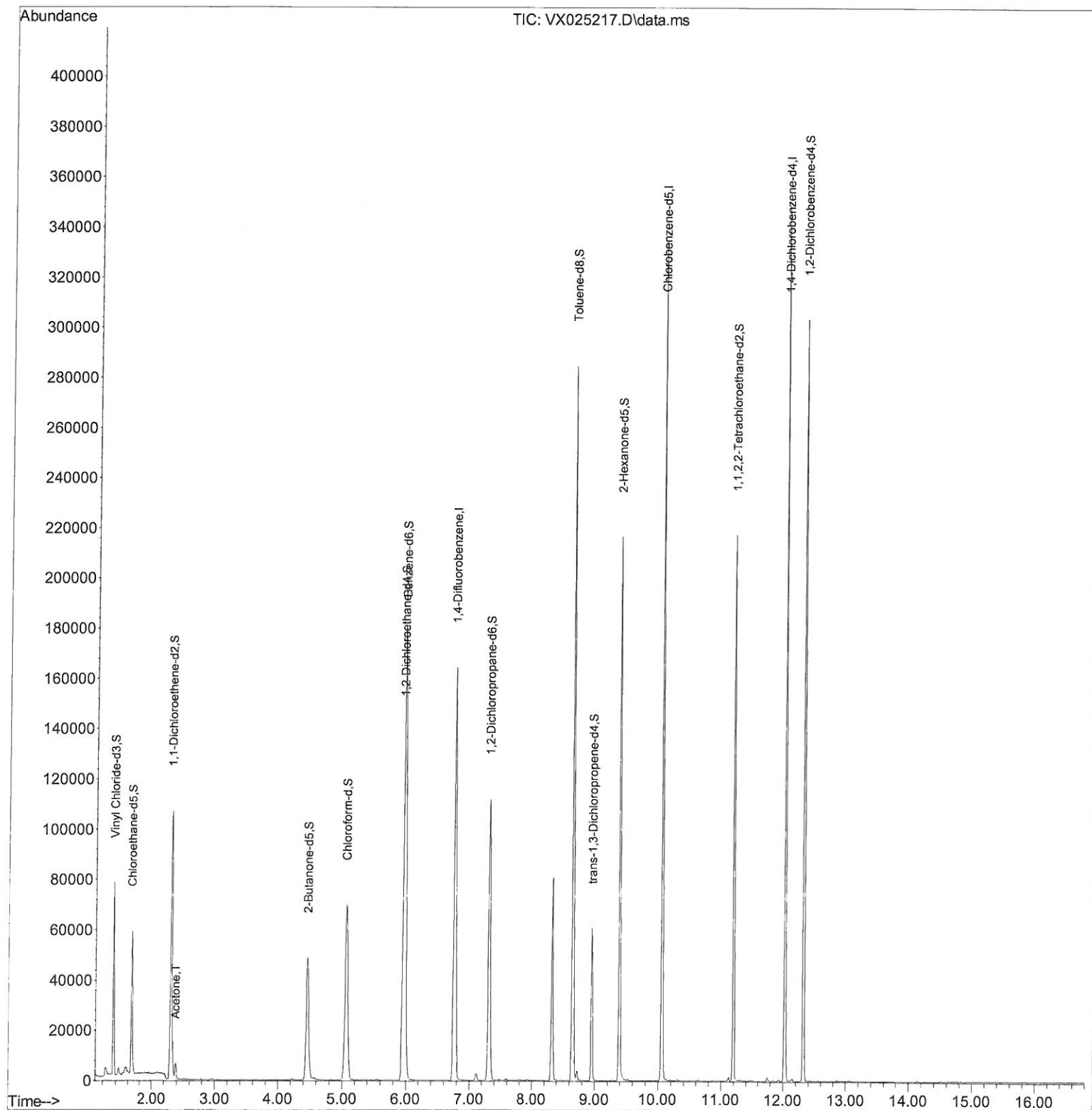
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
Data File : VX025217.D  
Acq On : 18 Nov 2021 18:23  
Operator : JC/MD  
Sample : M4677-17  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
H0AB6

Manual IntegrationsAPPROVED

Quant Time: Nov 19 05:29:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
Quant Title : VOC Analysis  
Qlast Update : Fri Nov 19 05:25:45 2021  
Response via : Initial Calibration

Reviewed By :John Carlone 11/19/2021  
Supervised By :Mahesh Dadoda 11/22/2021



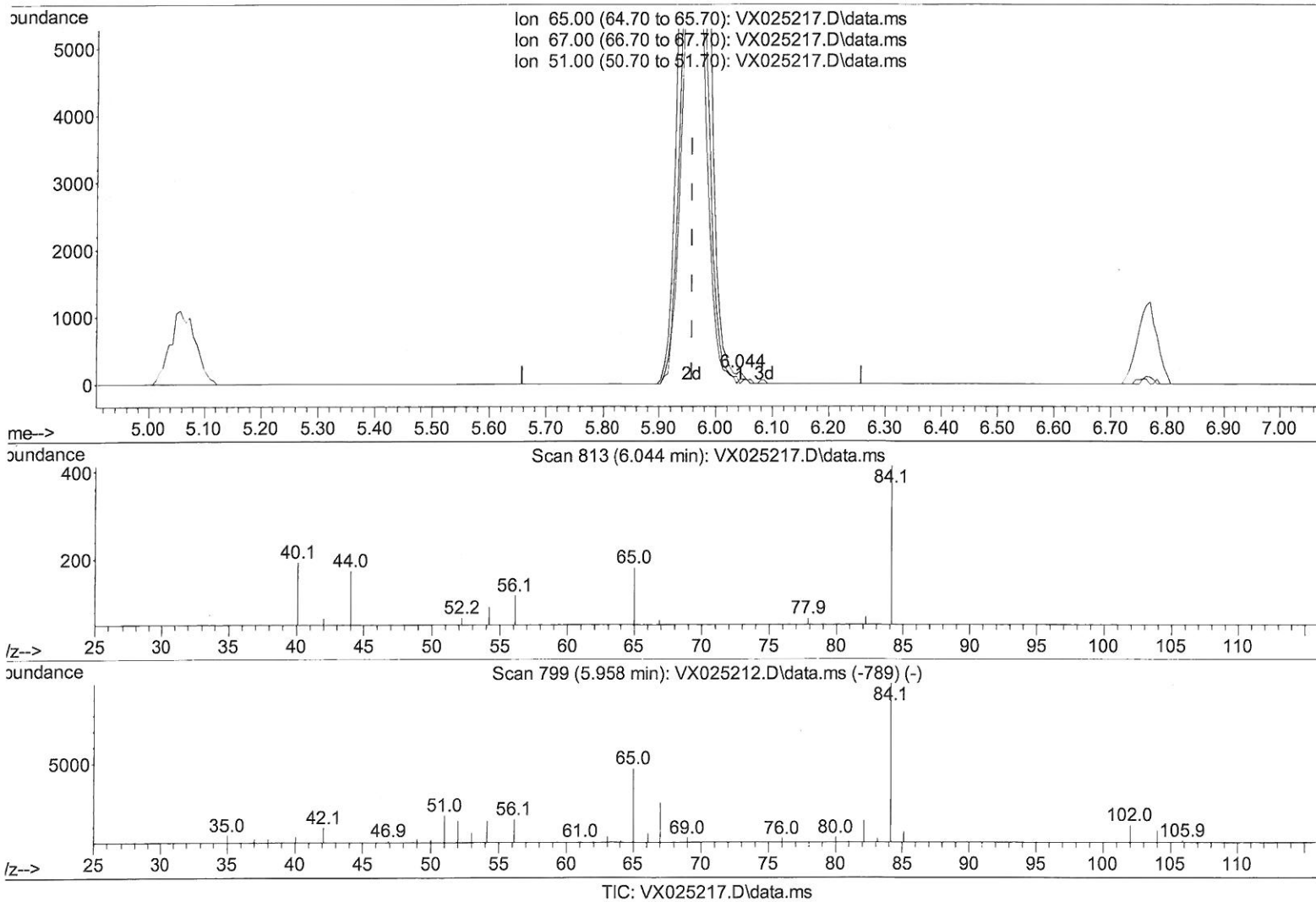
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(26) 1,2-Dichloroethane-d4 (S)

6.044min (+ 0.086) 0.11 ug/L

response 146

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.10	43.15
51.00	21.90	26.03
0.00	0.00	0.00

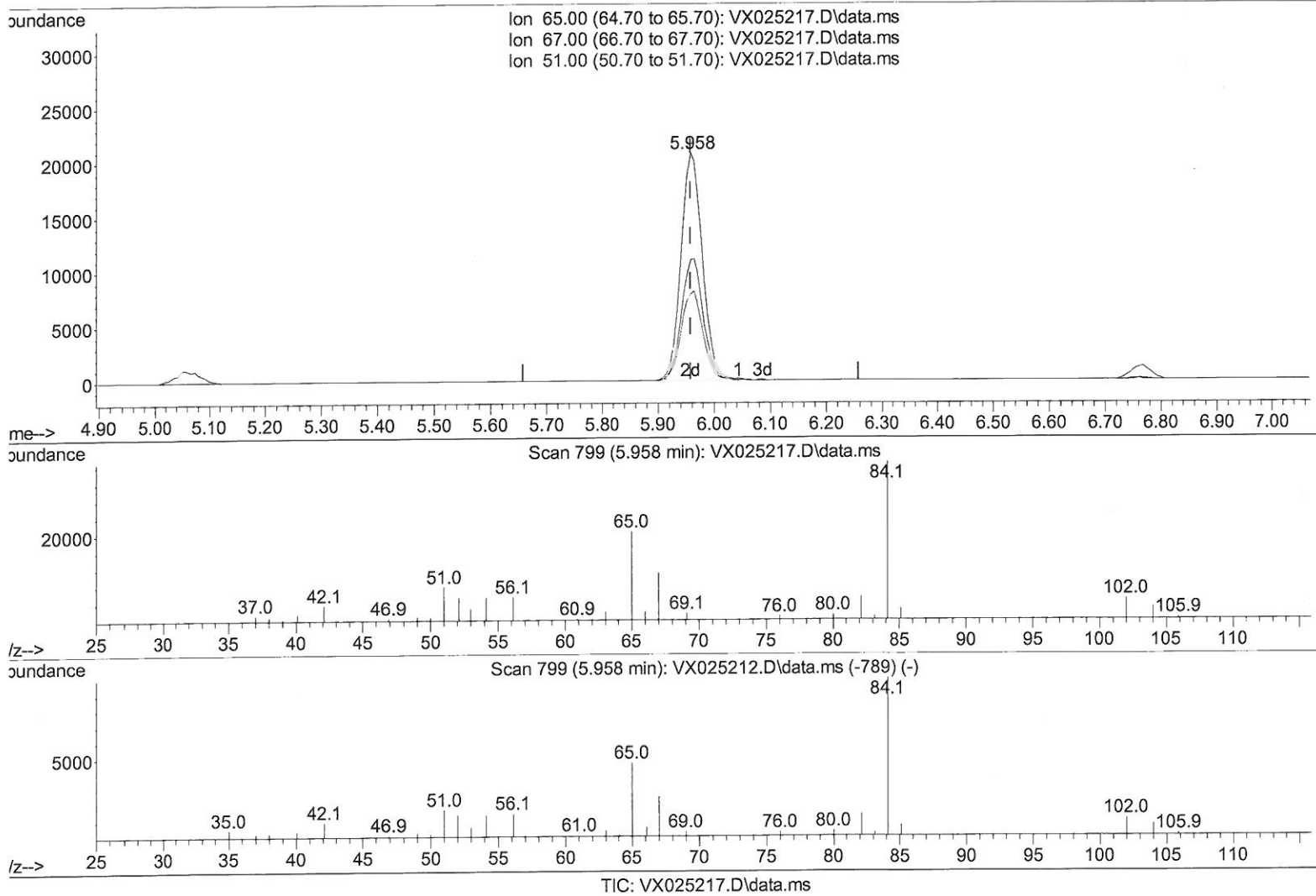
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(26) 1,2-Dichloroethane-d4 (S)

5.958min (+ 0.000) 43.26 ug/L m

response 55298

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.10	0.11#
51.00	21.90	0.07#
0.00	0.00	0.00

*MD*  
 11/23/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	177423	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	160658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45020	37.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.120%		
7) Chloroethane-d5	1.660	69	39216	57.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	114.820%		
11) 1,1-Dichloroethene-d2	2.306	63	59130	28.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.360%#		
21) 2-Butanone-d5	4.458	46	85535	94.430	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.430%		
24) Chloroform-d	5.062	84	87733	41.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.220%		
26) 1,2-Dichloroethane-d4	5.958	65	55298m	43.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.520%		
32) Benzene-d6	5.977	84	181981	41.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.000%		
36) 1,2-Dichloropropane-d6	7.312	67	56772	42.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.800%		
41) Toluene-d8	8.653	98	168521	40.245	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.480%		
43) trans-1,3-Dichloroprop...	8.952	79	27627	38.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.020%		
47) 2-Hexanone-d5	9.384	63	63399	88.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.180%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	80529	41.760	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.520%		
66) 1,2-Dichlorobenzene-d4	12.323	152	64202	43.358	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.720%		
Target Compounds						
13) Acetone	2.380	43	6782	7.982	ug/L	99

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