

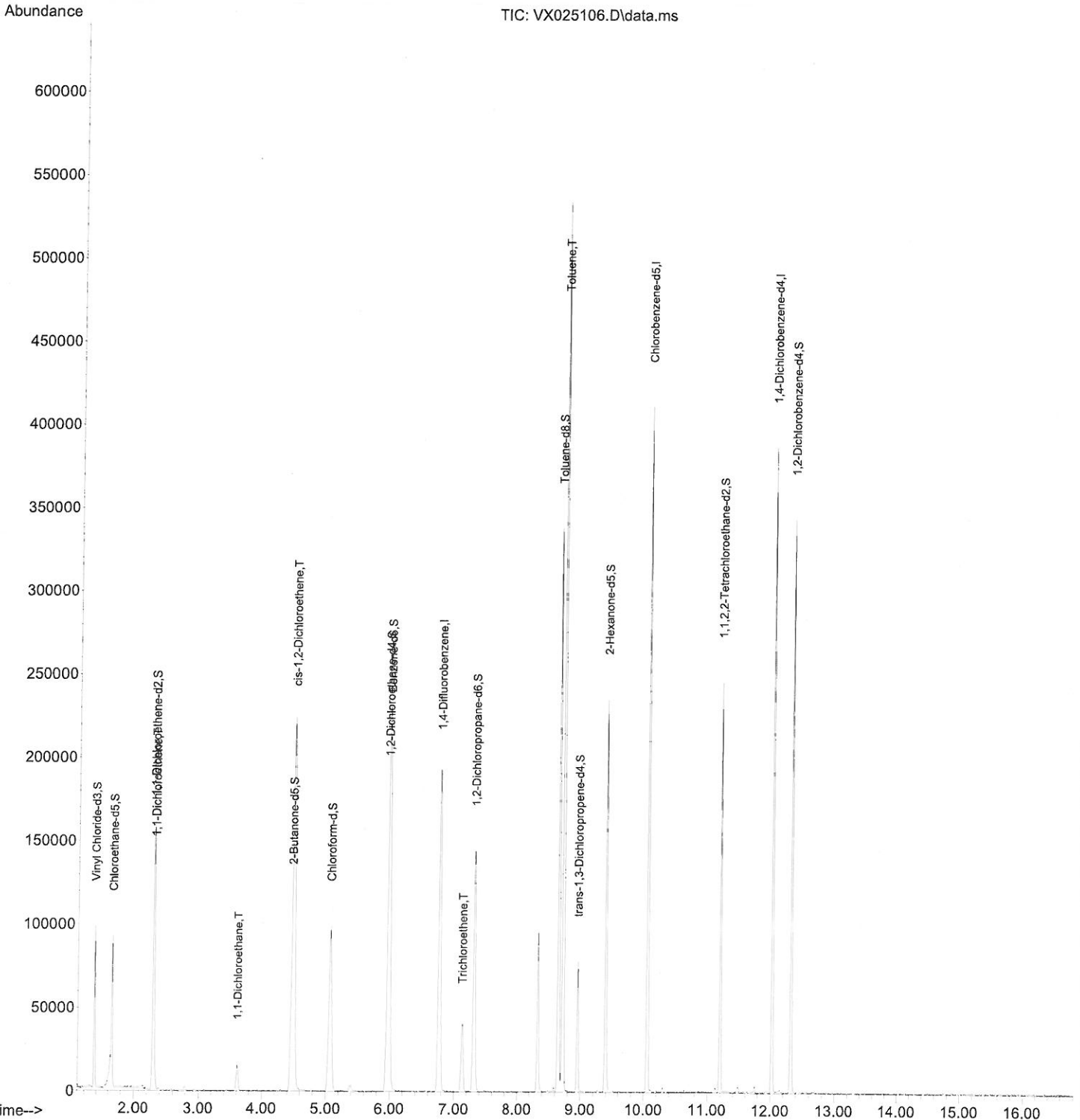
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110821\  
Data File : VX025106.D  
Acq On : 08 Nov 2021 19:26  
Operator : JC/MD  
Sample : M4464-10ME 10X  
Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K8ME

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/09/2021  
Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 09 04:20:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Nov 09 03:59:51 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

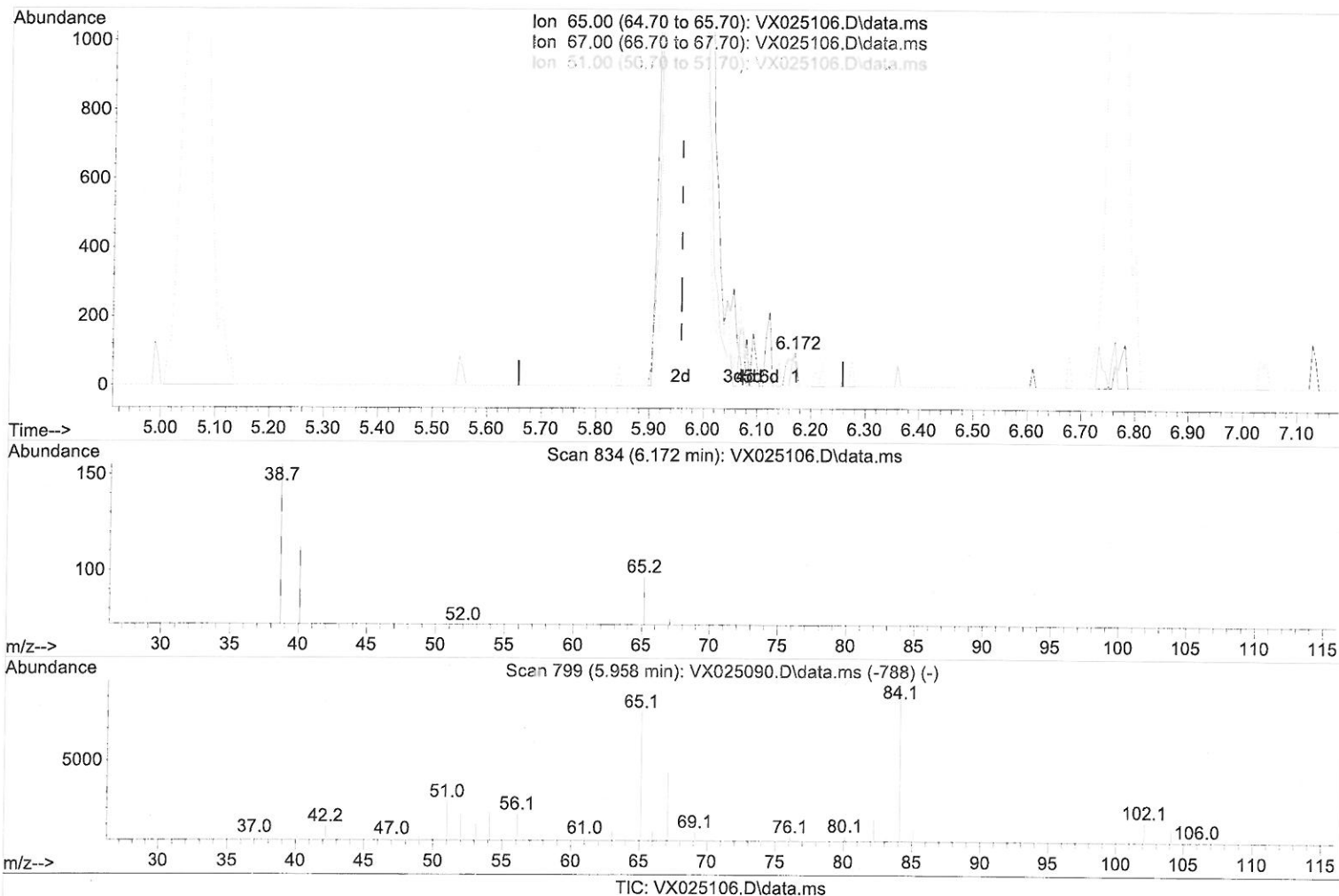
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(26) 1,2-Dichloroethane-d4 (S)

6.172min (+ 0.214) 0.06 ug/L

response 116

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.10	45.69
51.00	21.90	16.38
0.00	0.00	0.00

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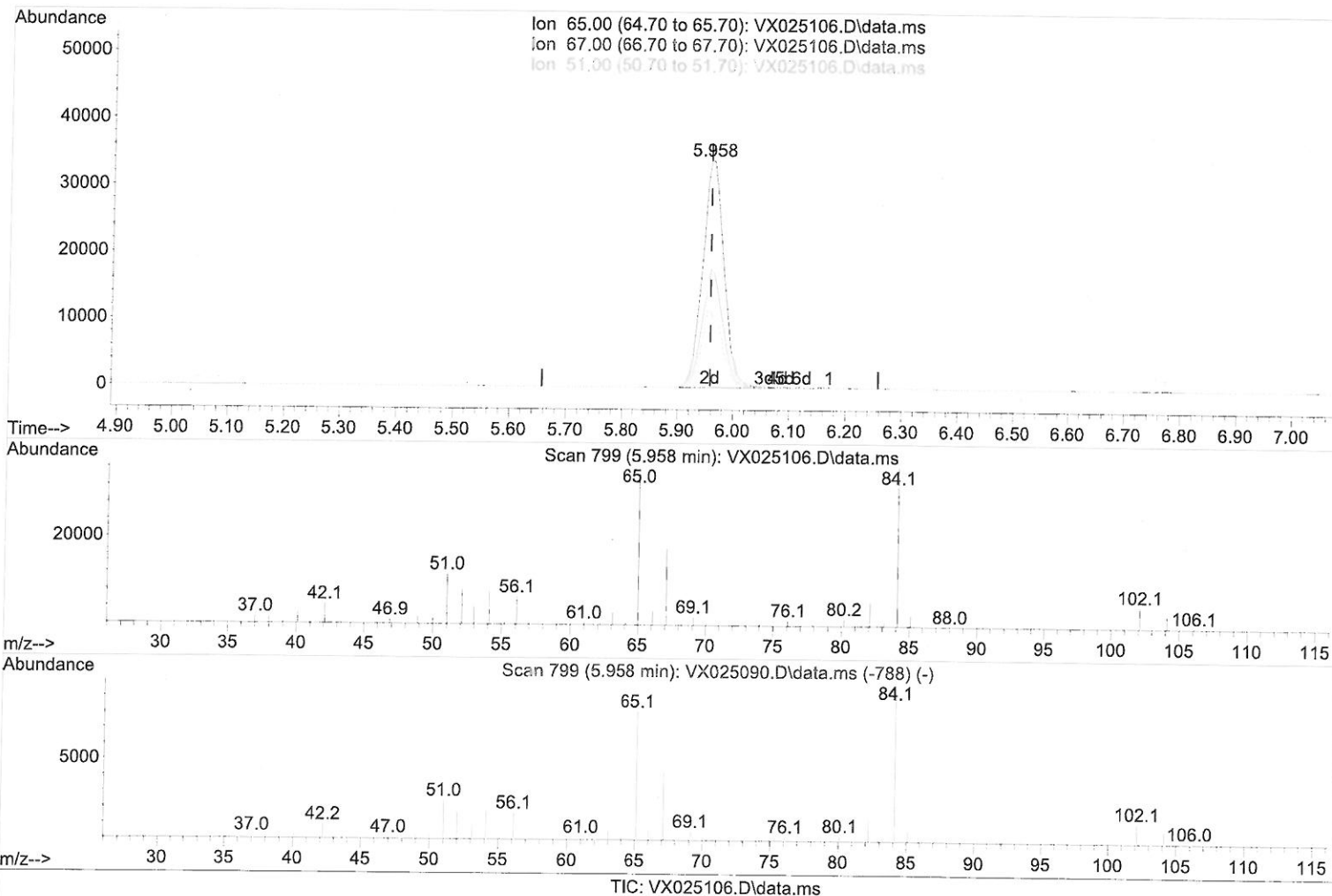
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(26) 1,2-Dichloroethane-d4 (S)

5.958min (+ 0.000) 45.04 ug/L m

response 90533

Ion Exp% Act%

65.00 100.00 100.00

67.00 50.10 0.06#

51.00 21.90 0.02#

0.00 0.00 0.00

7 MD  
 11/19/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	172843	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	157572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63569	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	59674	38.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.360%		
7) Chloroethane-d5	1.660	69	45936	46.883	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.760%		
11) 1,1-Dichloroethene-d2	2.300	63	96071	31.913	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.820%		
21) 2-Butanone-d5	4.465	46	94856	88.311	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.310%		
24) Chloroform-d	5.062	84	120757	39.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.600%		
26) 1,2-Dichloroethane-d4	5.958	65	90533m	45.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.080%		
32) Benzene-d6	5.983	84	203954	36.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.700%		
36) 1,2-Dichloropropane-d6	7.312	67	67729	40.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.940%		
41) Toluene-d8	8.653	98	184781	39.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.360%#		
43) trans-1,3-Dichloroprop...	8.952	79	33854	38.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.740%		
47) 2-Hexanone-d5	9.390	63	64438	91.251	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.250%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88783	38.798	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.600%		
66) 1,2-Dichlorobenzene-d4	12.323	152	53356	42.822	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.640%		
Target Compounds						
12) 1,1-Dichloroethene	2.312	96	2322	1.882	ug/L #	1
19) 1,1-Dichloroethane	3.611	63	15984	6.111	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	112610	77.626	ug/L #	83
34) Trichloroethene	7.123	95	15804	10.464	ug/L #	75
42) Toluene	8.720	91	321073	56.882	ug/L	98

7 m2  
11/11/21

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