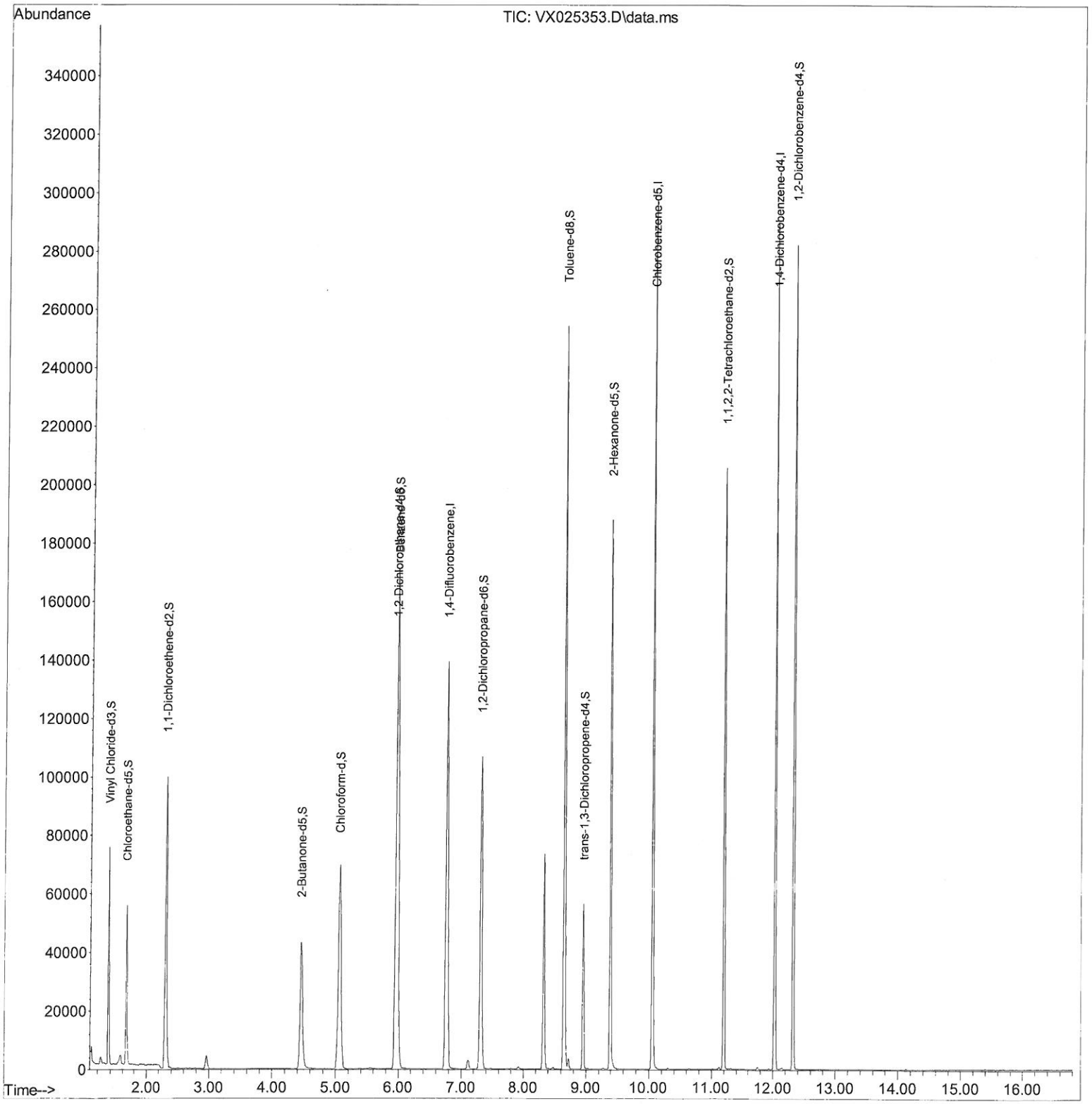
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
Data File : VX025353.D
Acq On : 26 Nov 2021 14:10
Operator : JC/MD
Sample : M4833-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 23:58:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 26 23:56:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ESQN1

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
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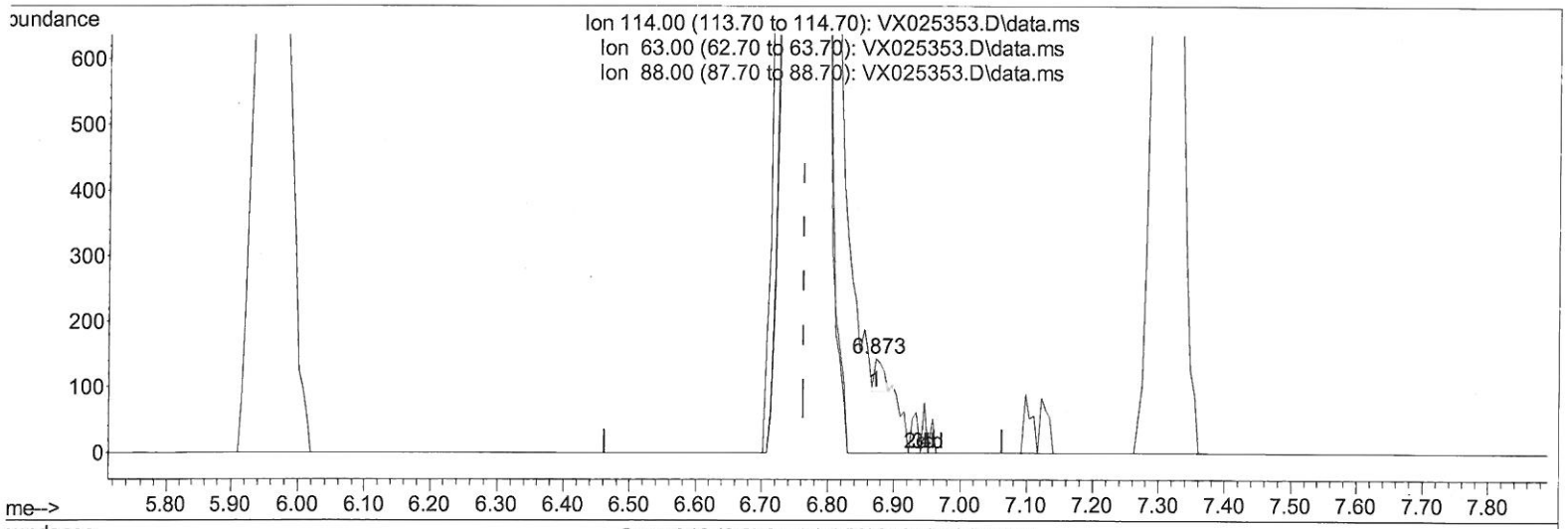

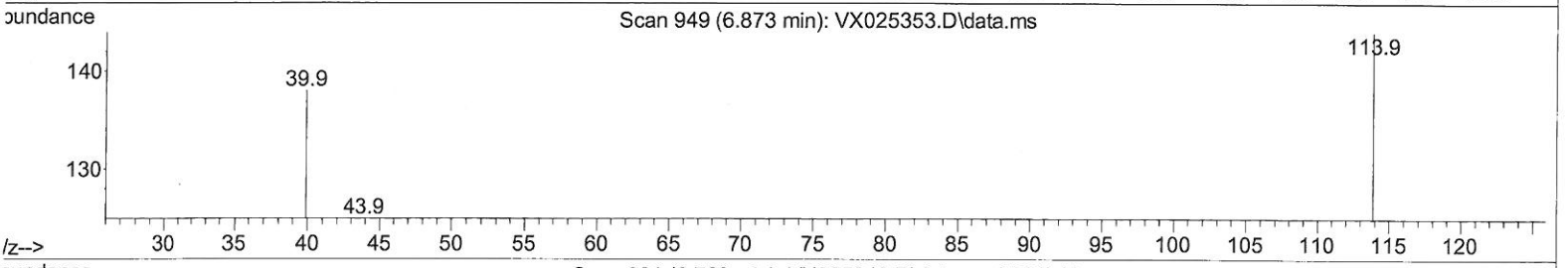

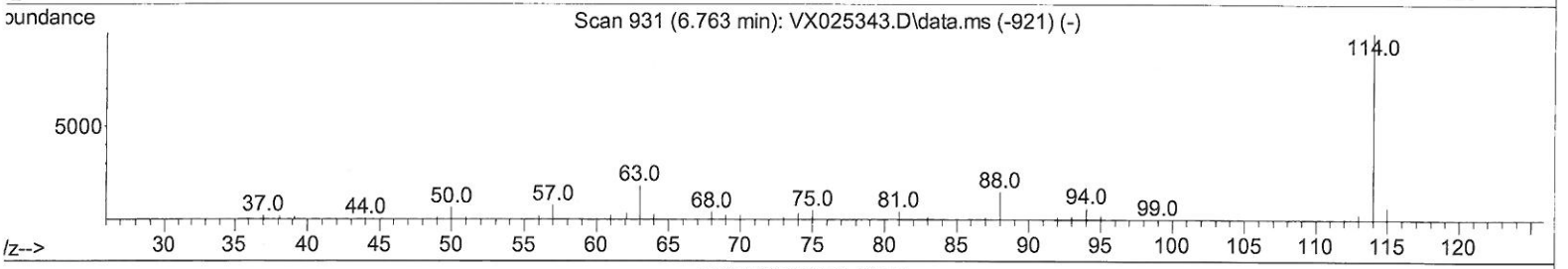

TIC: VX025353.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.873min (+ 0.110) 50.00 ug/L

response 46

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.20	60063.04#
88.00	15.30	50884.78#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/29/2021
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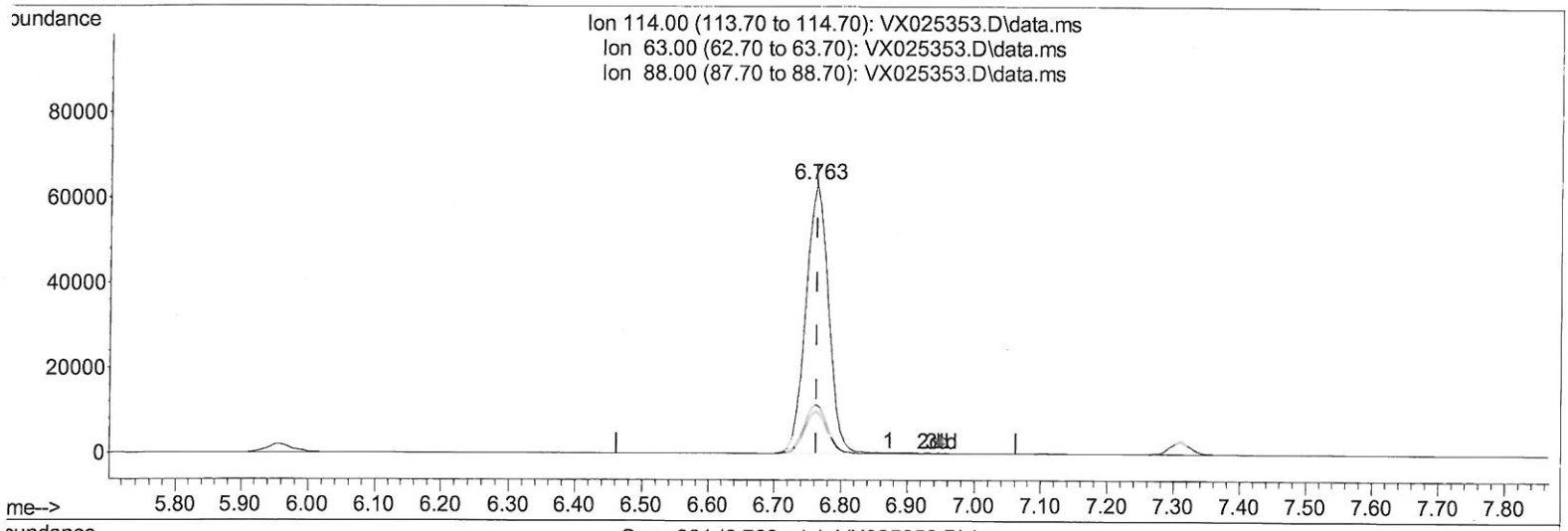

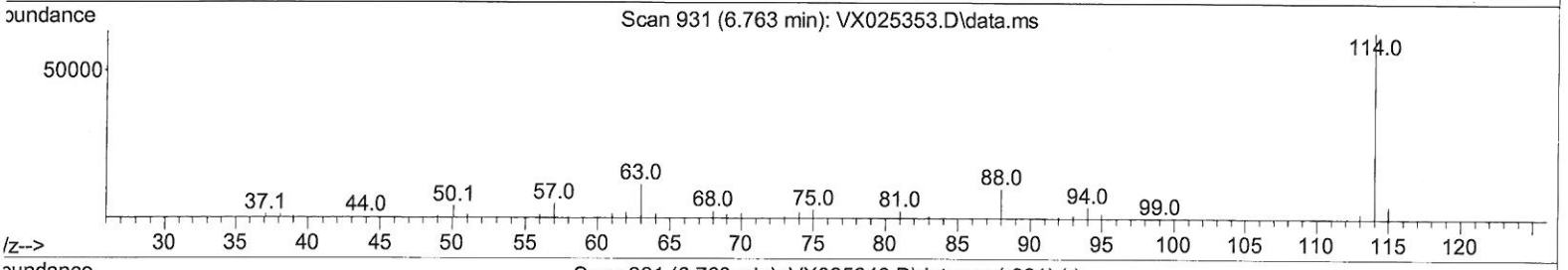

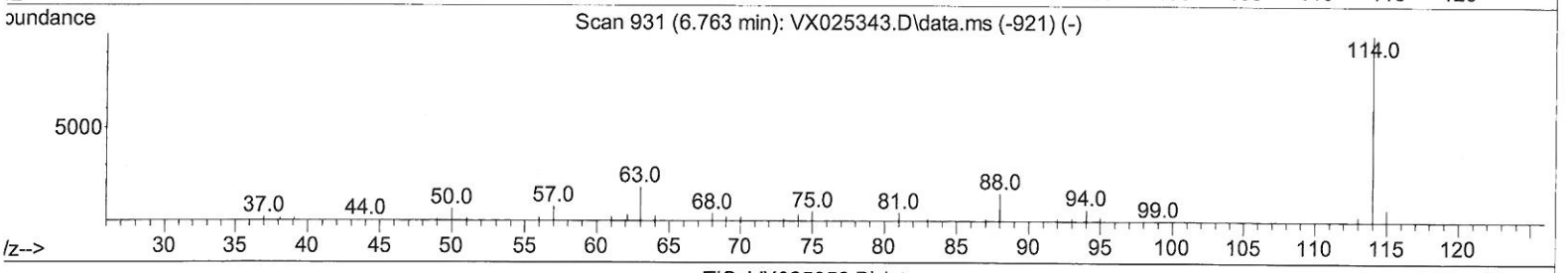

TIC: VX025353.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.763min (-0.000) 50.00 ug/L m

response 150223

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.20	18.39
88.00	15.30	15.58
0.00	0.00	0.00

MD 12/6/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
Data File : VX025353.D
Acq On : 26 Nov 2021 14:10
Operator : JC/MD
Sample : M4833-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 23:58:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 26 23:56:11 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ESQN1

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

JMD 12/6/21

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	150223m	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41678	40.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.300%			
7) Chloroethane-d5	1.666	69	37587	44.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.840%			
11) 1,1-Dichloroethene-d2	2.306	63	54983	33.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.280%			
21) 2-Butanone-d5	4.452	46	75210	98.551	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.550%			
24) Chloroform-d	5.056	84	84691	47.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.540%			
26) 1,2-Dichloroethane-d4	5.958	65	54197	48.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.060%			
32) Benzene-d6	5.976	84	170595	47.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.220%			
36) 1,2-Dichloropropane-d6	7.312	67	53435	48.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.340%			
41) Toluene-d8	8.653	98	153717	45.450	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.900%			
43) trans-1,3-Dichloroprop...	8.951	79	24886	44.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.240%			
47) 2-Hexanone-d5	9.384	63	54749	94.806	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.810%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	75745	48.310	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.620%			
66) 1,2-Dichlorobenzene-d4	12.323	152	59878	48.790	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.580%			

Target Compounds Qvalue

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