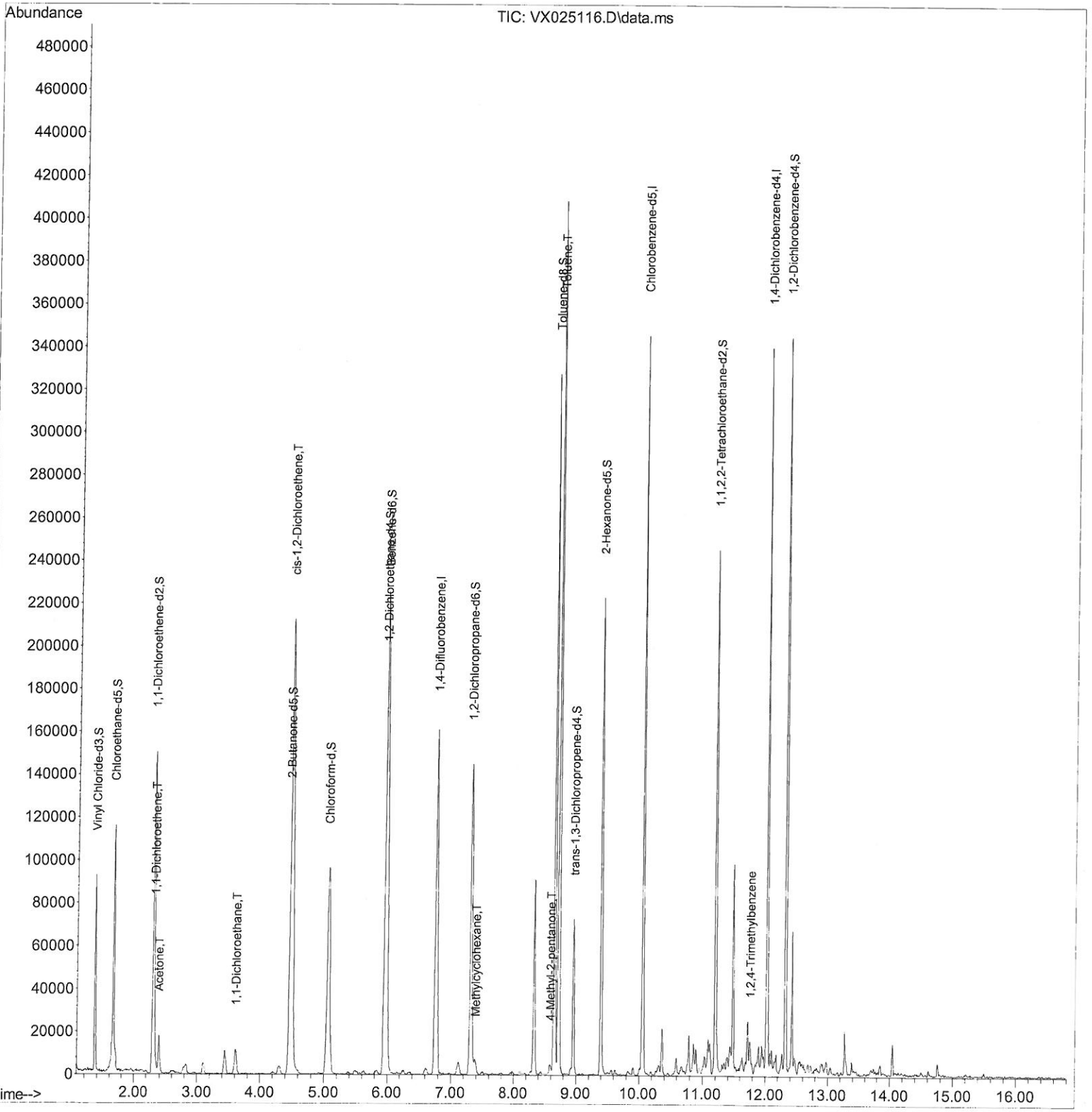
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 10 02:52:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GB7L0ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



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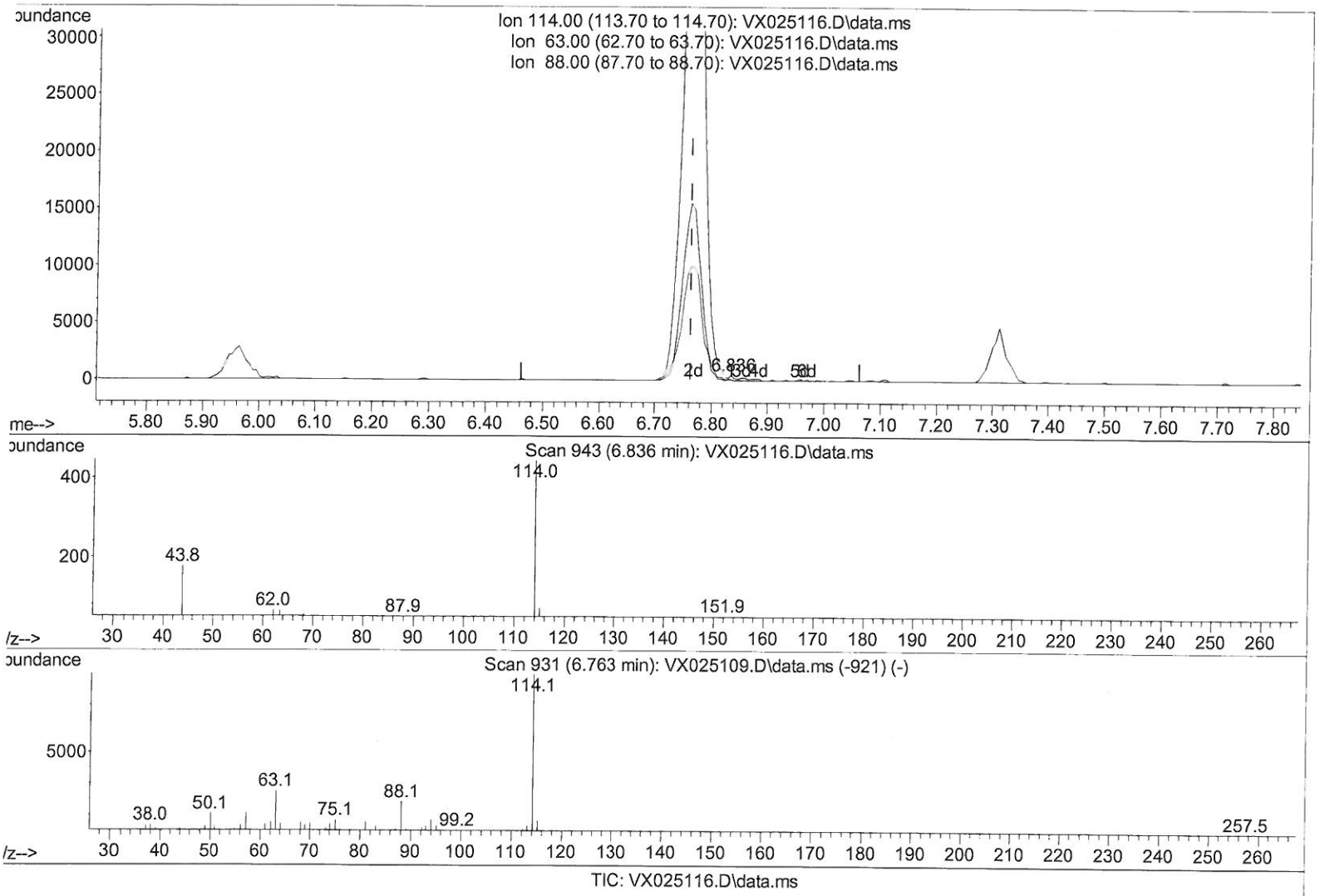

(1) 1,4-Difluorobenzene (I)

6.836min (+ 0.073) 50.00 ug/L

response 271

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	20.30	23.62
88.00	17.60	18.08
0.00	0.00	0.00

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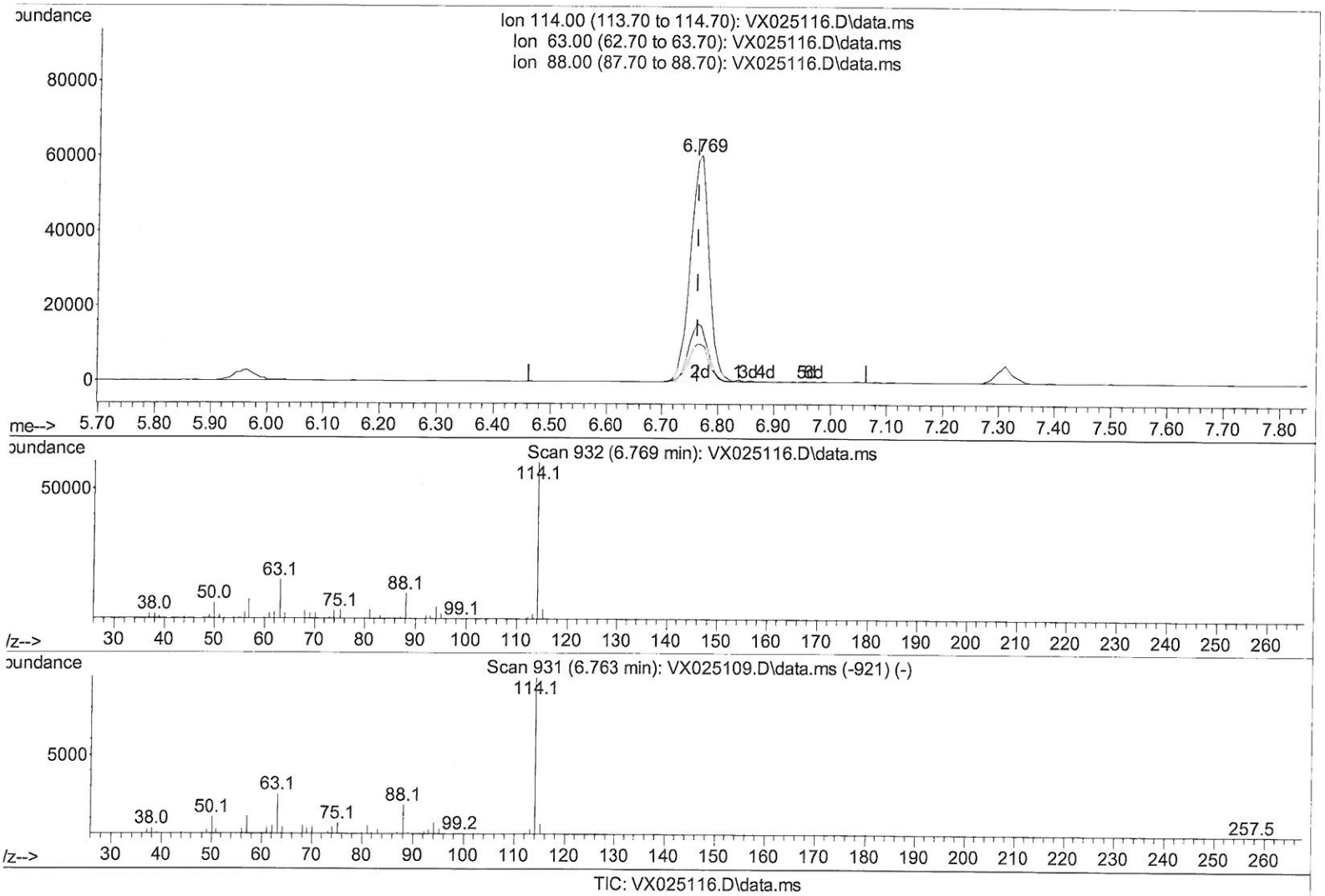

(1) 1,4-Difluorobenzene (I)

6.769min (+ 0.006) 50.00 ug/L m

response 138549

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	20.30	0.05#
88.00	17.60	0.04#
0.00	0.00	0.00

11/10/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
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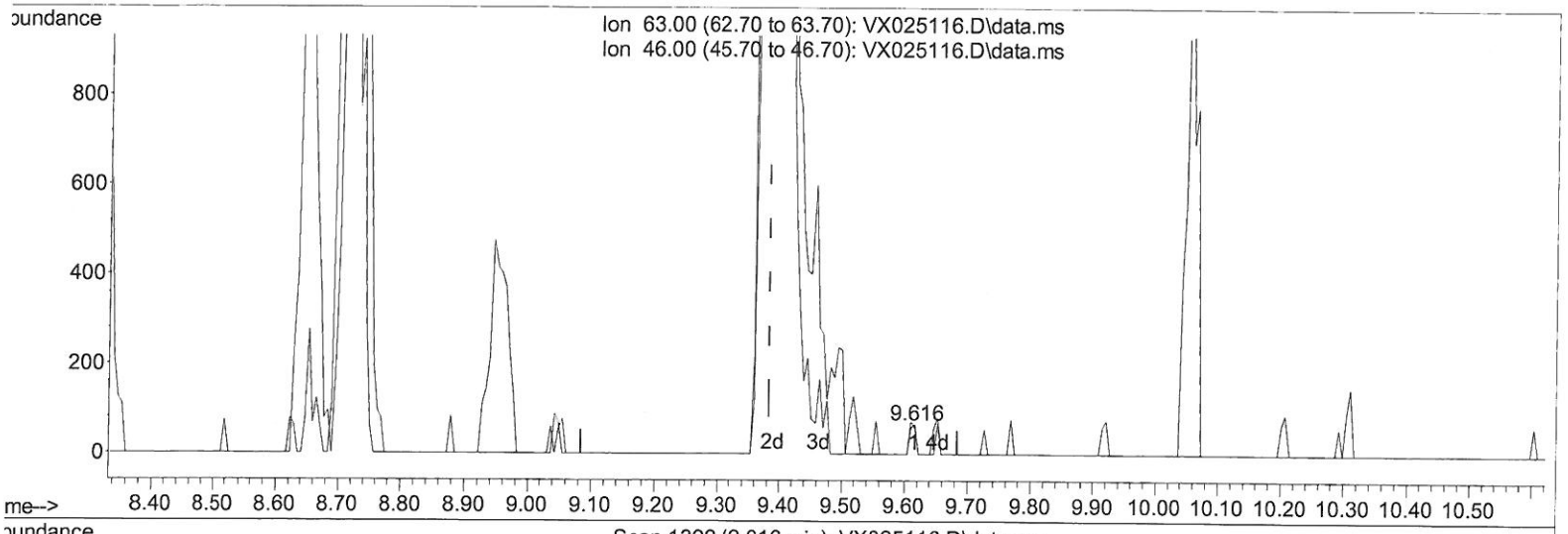

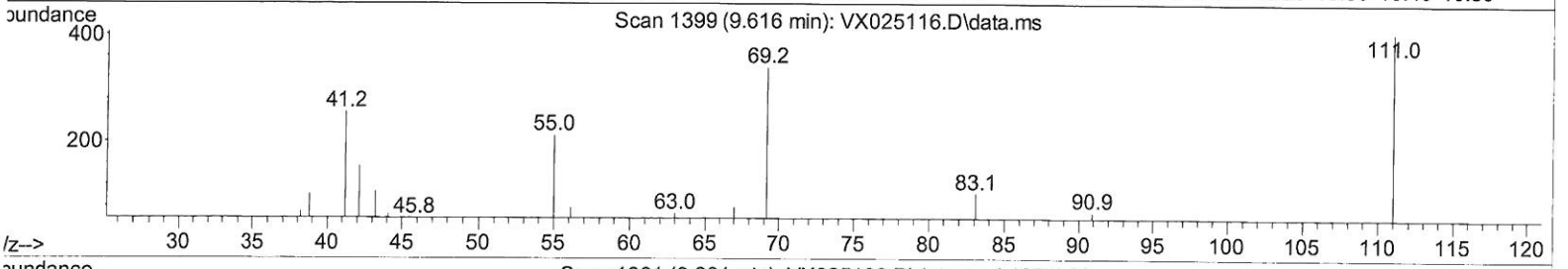

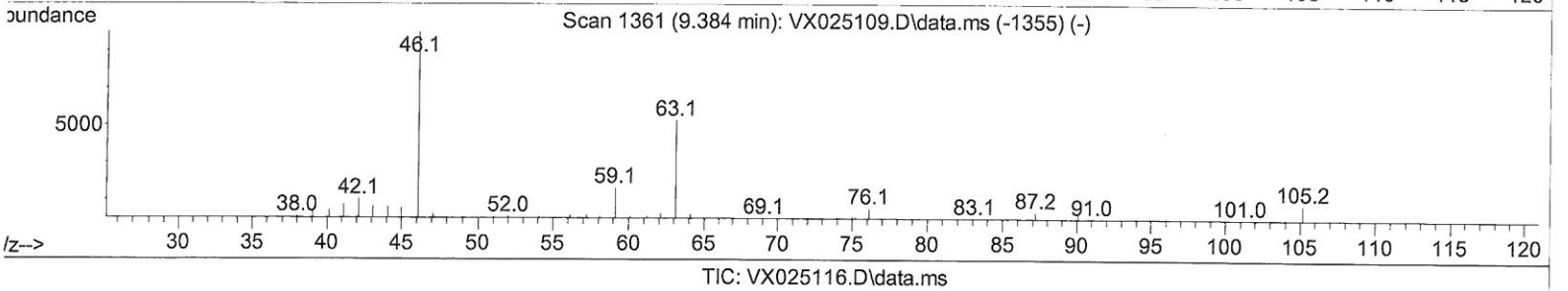

TIC: VX025116.D\data.ms

(47) 2-Hexanone-d5 (S)

9.616min (+ 0.232) 0.08 ug/L

response 46

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	104.35
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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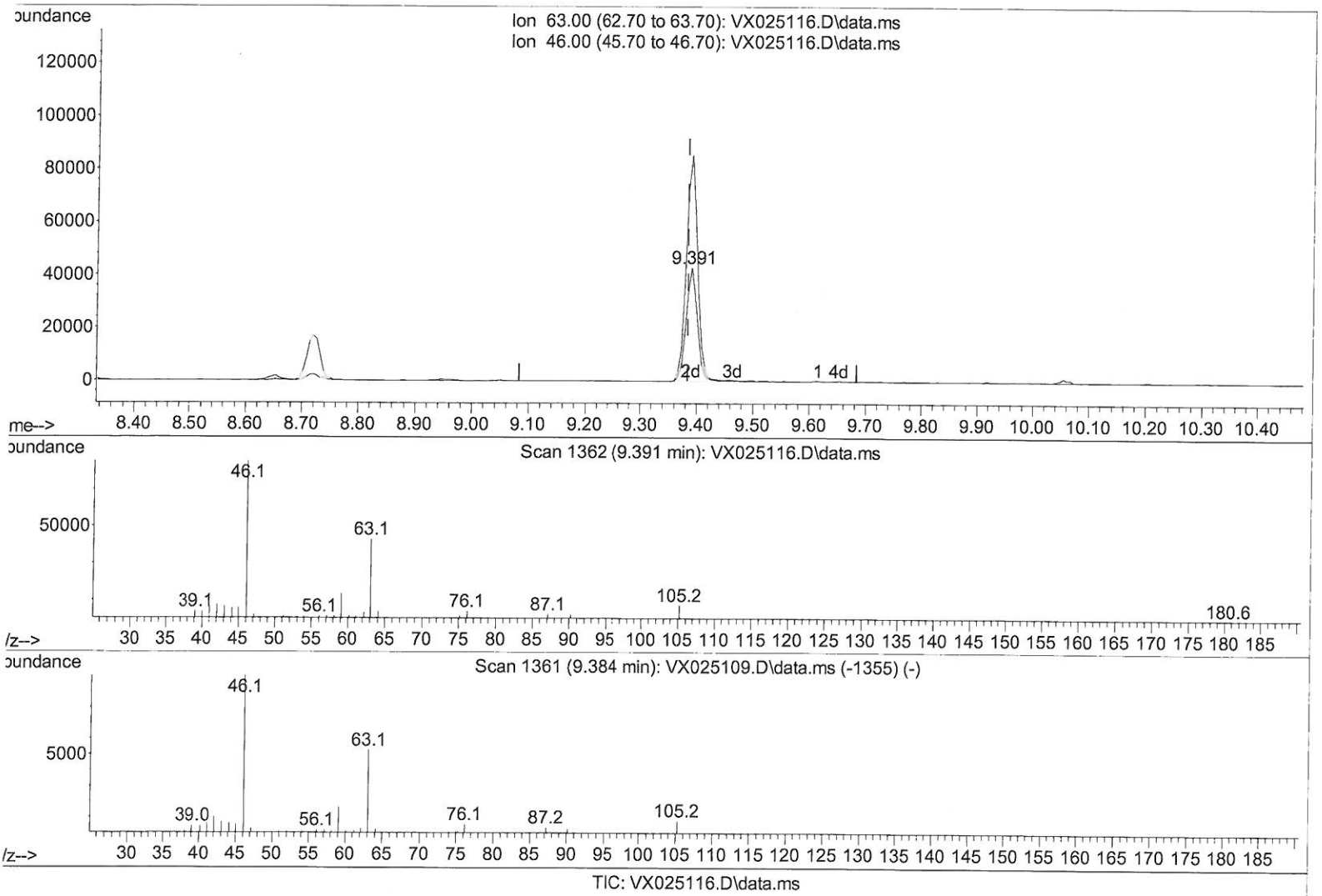

(47) 2-Hexanone-d5 (S)

9.391min (+ 0.006) 103.95 ug/L m

response 59511

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	0.08#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	138549m	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	127741	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	52583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57513	45.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.820%			
7) Chloroethane-d5	1.666	69	65347	83.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 166.400%#			
11) 1,1-Dichloroethene-d2	2.306	63	90535	37.518	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.040%			
21) 2-Butanone-d5	4.465	46	89314	103.733	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.730%			
24) Chloroform-d	5.062	84	113713	46.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.340%			
26) 1,2-Dichloroethane-d4	5.958	65	84740	52.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.180%			
32) Benzene-d6	5.977	84	192002	42.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.420%			
36) 1,2-Dichloropropane-d6	7.312	67	64037	47.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.560%			
41) Toluene-d8	8.653	98	179590	46.972	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.940%			
43) trans-1,3-Dichloroprop...	8.952	79	33147	46.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.680%			
47) 2-Hexanone-d5	9.391	63	59511m	103.955	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.950%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	83453	44.985	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.980%			
66) 1,2-Dichlorobenzene-d4	12.323	152	51501	49.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.940%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2213	2.237	ug/L #	1
13) Acetone	2.386	43	20476	24.169	ug/L	90
19) 1,1-Dichloroethane	3.611	63	12195	5.816	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	101542	87.322	ug/L	75
35) Methylcyclohexane	7.385	83	2806	1.541	ug/L	90
40) 4-Methyl-2-pentanone	8.586	43	2861	1.645	ug/L #	76
42) Toluene	8.720	91	240490	52.556	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	3393	0.953	ug/L	90

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