

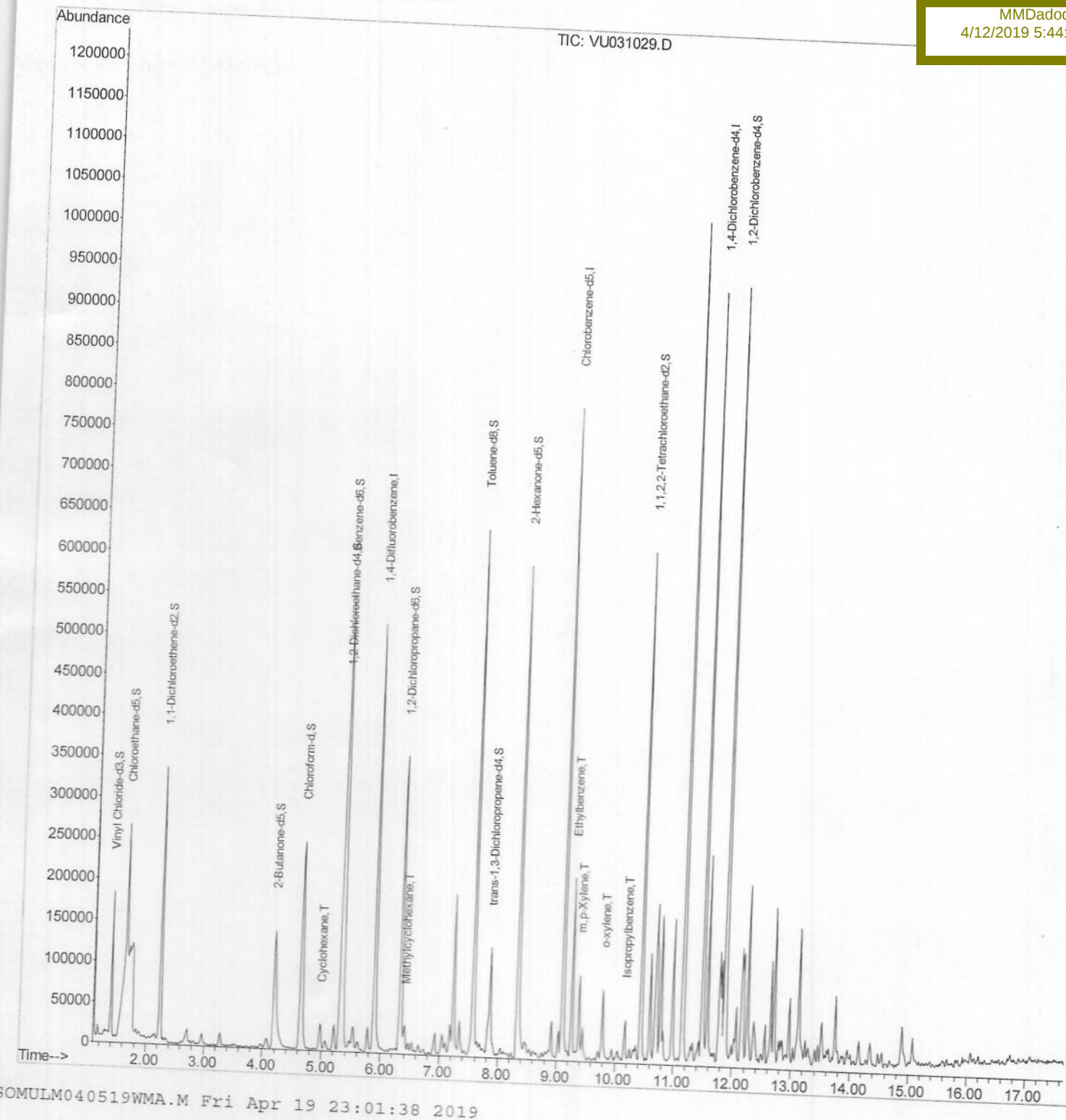
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041119\
Data File : VU031029.D
Acq On : 10 Apr 2019 22:15
Operator : JC/SP
Sample : K2254-07ME
Misc : 5.77µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 19 22:54:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC28ME

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:44:34 PM



Quantitation Report (Qedit)

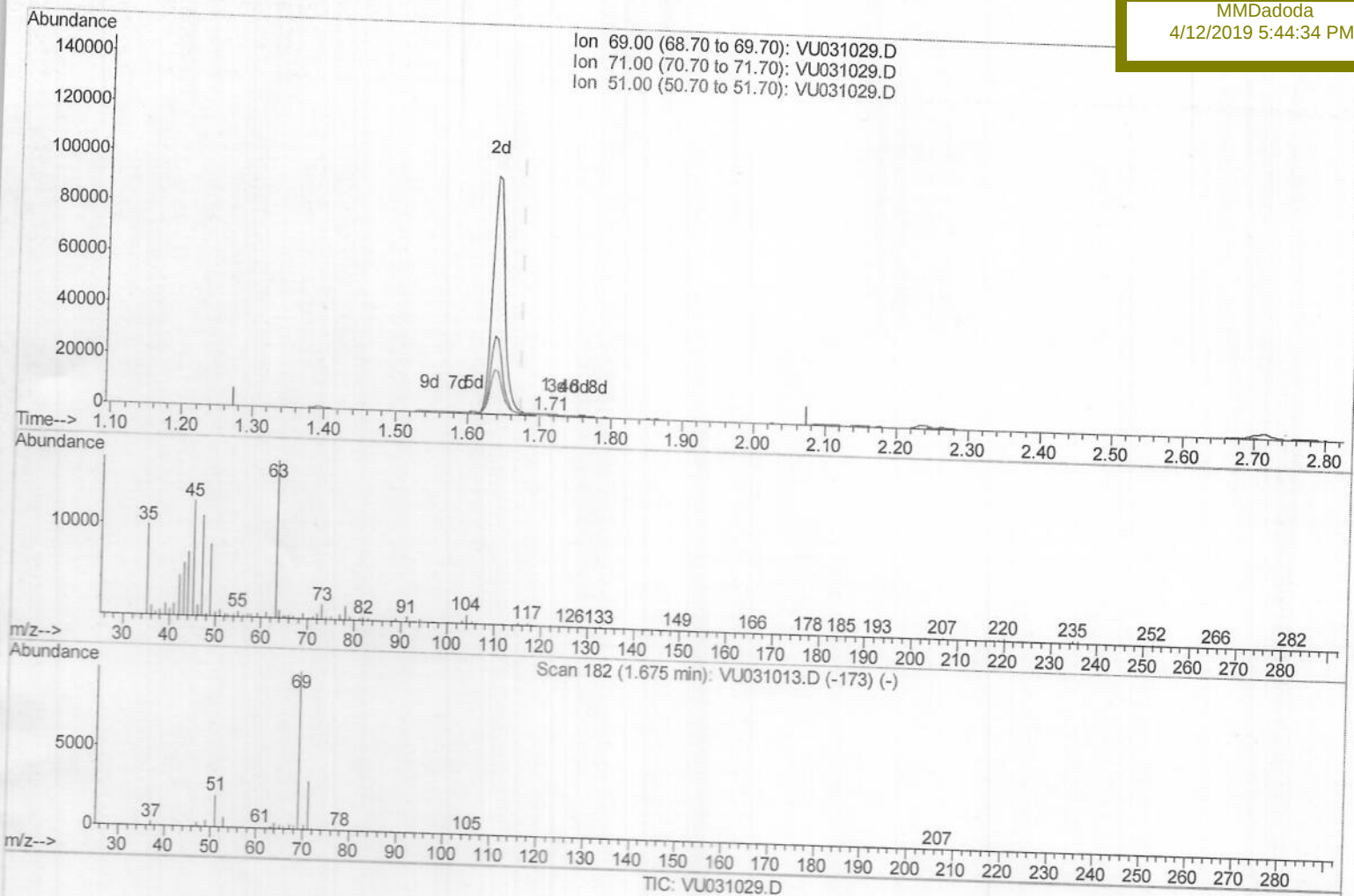
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(7) Chloroethane-d5 (S)

1.707min (+0.032) 0.22ug/L

response 682

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	66.86#
51.00	27.70	0.00#
0.00	0.00	0.00

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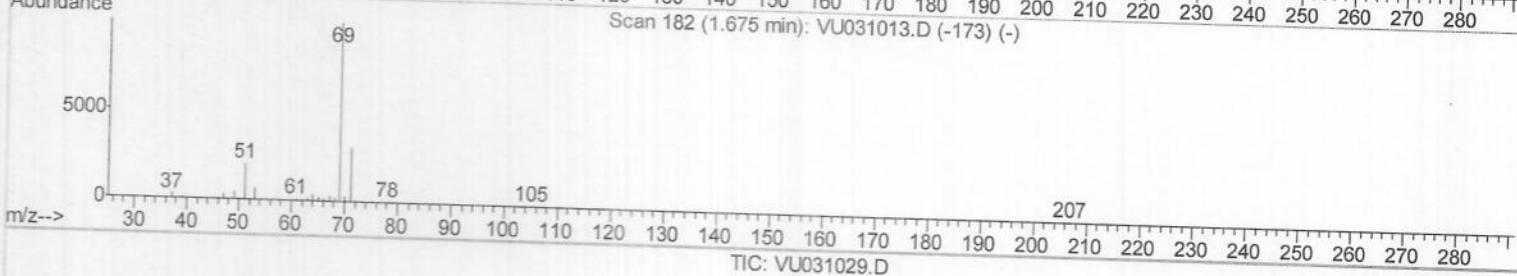
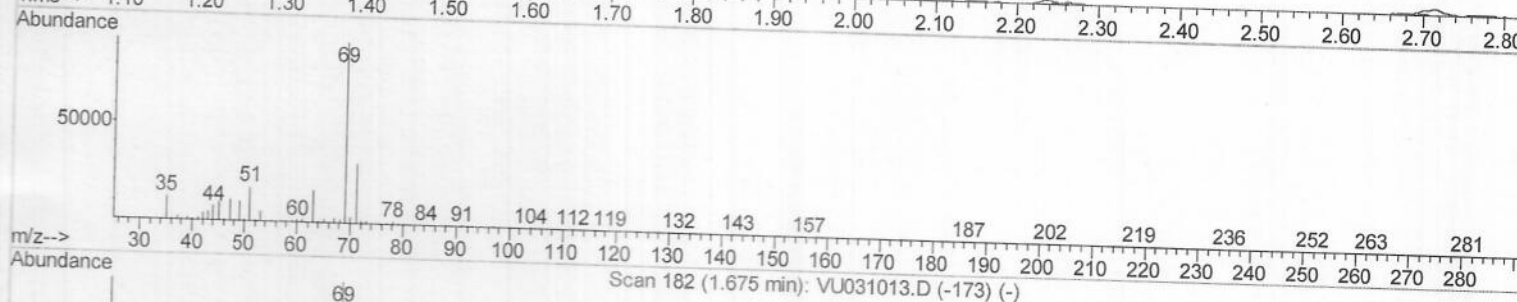
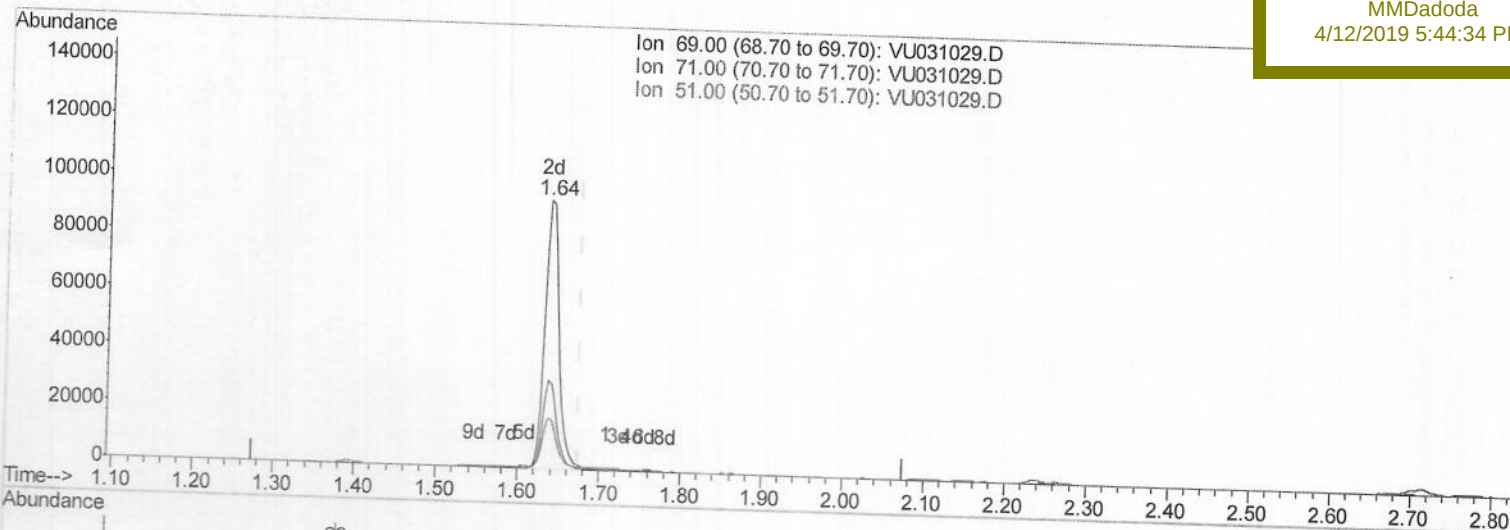
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(7) Chloroethane-d5 (S)

1.637min (-0.038) 35.64ug/L m

response 109720

Handwritten: 3 M.D.
 04/19/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.42#
51.00	27.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

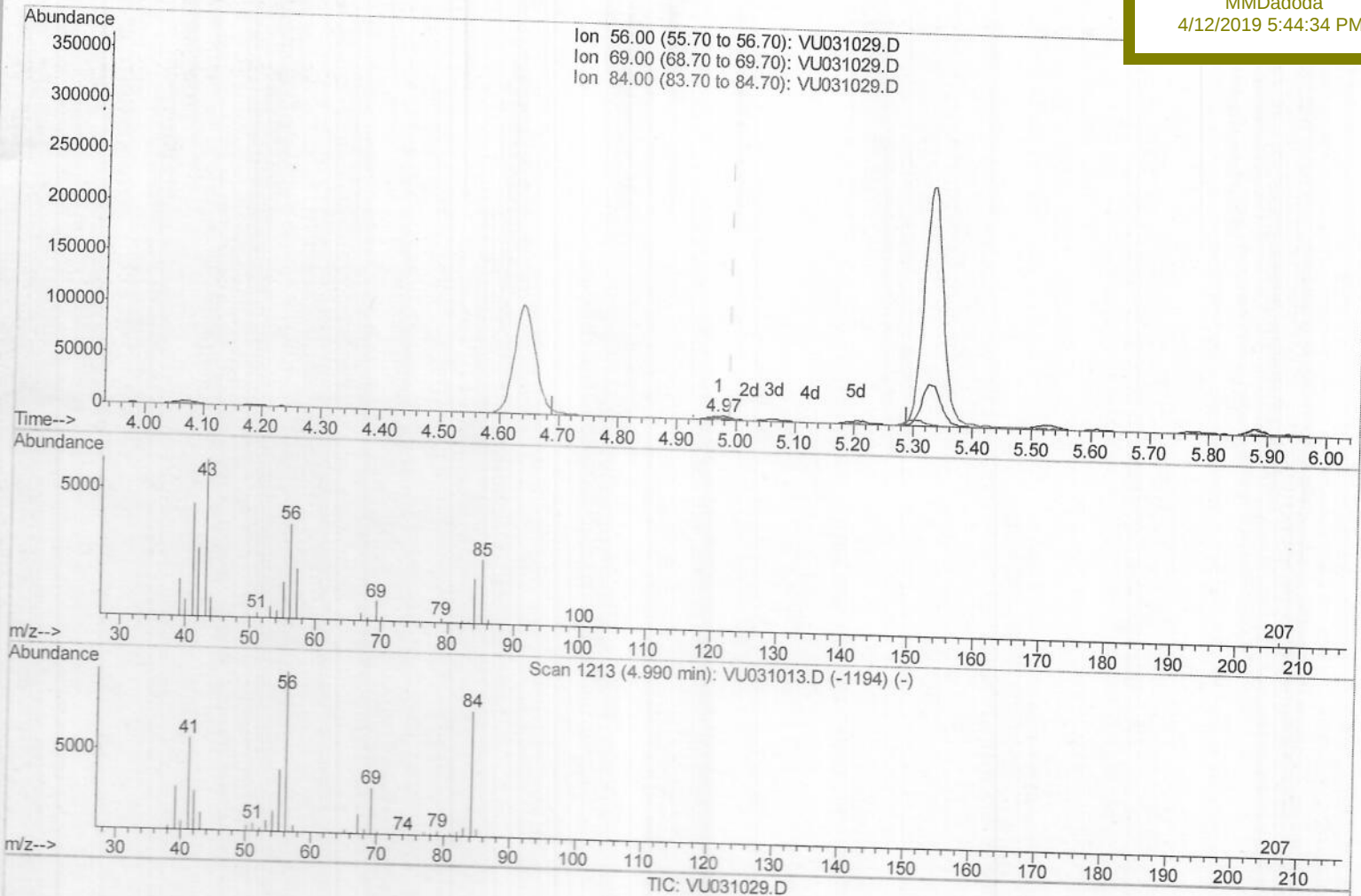
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Manual Integrations
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(29) Cyclohexane (T)

4.971min (-0.019) 0.82ug/L

response 5388

Ion	Exp%	Act%
56.00	100	100
69.00	27.50	21.62#
84.00	72.70	97.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

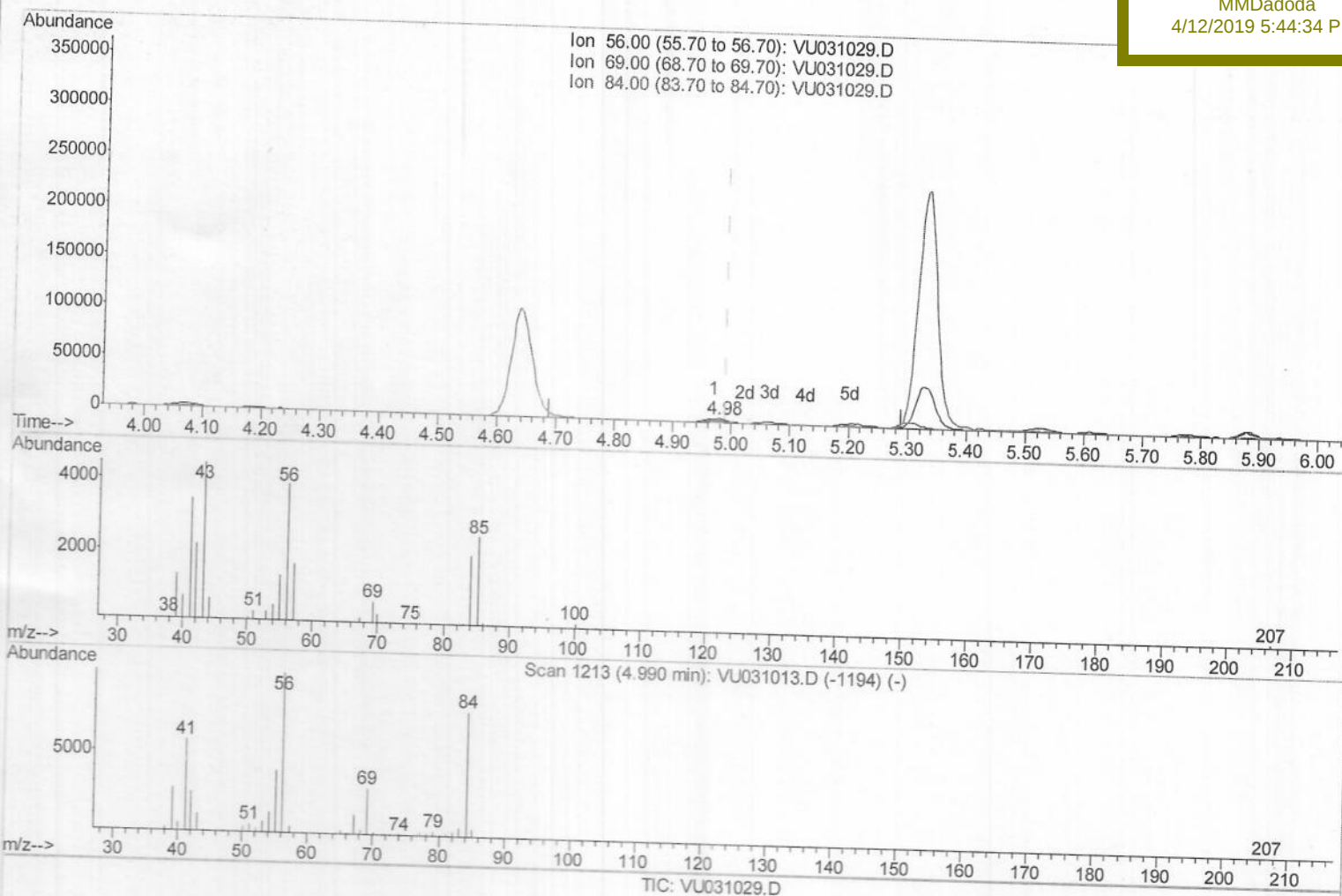
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(29) Cyclohexane (T)

4.981min (-0.010) 1.57ug/L m

response 10272

Ion	Exp%	Act%
56.00	100	100
69.00	27.50	11.34#
84.00	72.70	50.93#
0.00	0.00	0.00

3 M.D.
 04/14/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	454379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125758	31.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.00%		
7) Chloroethane-d5	1.64	69	109720m	35.64	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.28%		
11) 1,1-Dichloroethene-d2	2.24	63	198249	27.02	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.04%#		
21) 2-Butanone-d5	4.19	46	332239	103.35	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.35%		
24) Chloroform-d	4.64	84	263803	42.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.16%		
26) 1,2-Dichloroethane-d4	5.30	65	197780	46.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.56%		
32) Benzene-d6	5.33	84	533861	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.78%		
36) 1,2-Dichloropropane-d6	6.32	67	192443	41.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.92%		
41) Toluene-d8	7.56	98	454495	38.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.64%#		
43) trans-1,3-Dichloropropene-	7.85	79	84903	40.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.20%		
47) 2-Hexanone-d5	8.32	63	214317	102.25	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.25%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317877	51.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.78%		
64) 1,2-Dichlorobenzene-d4	11.86	152	211246	45.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.86%		

3 M.D.
 04/19/19

Target Compounds

29) Cyclohexane	4.98	56	10272m	1.572	ug/L	Ovalue
35) Methylcyclohexane	6.40	83	11624	2.047	ug/L	# 82
52) Ethylbenzene	9.25	91	161033	9.648	ug/L	100
53) m,p-Xylene	9.38	106	30648	5.265	ug/L	98
54) o-xylene	9.78	106	24093	4.161	ug/L	94
56) Isopropylbenzene	10.17	105	29780	1.953	ug/L	98

3 M.D.
 04/19/19

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