

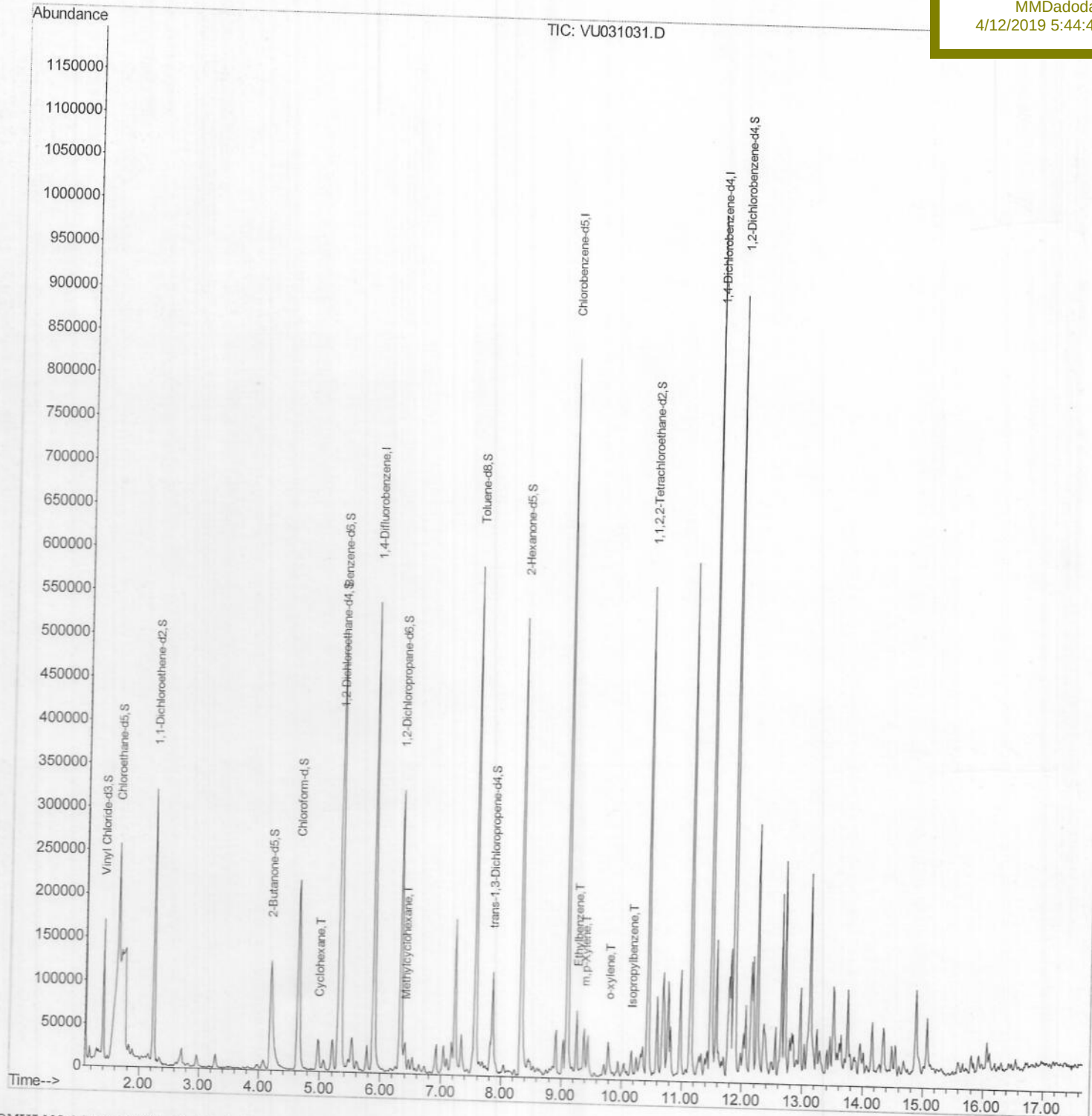
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 19 22:58:45 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 :
BFC68ME

Manual Integrations
APPROVED

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4/12/2019 5:44:41 PM



Quantitation Report (Qedit)

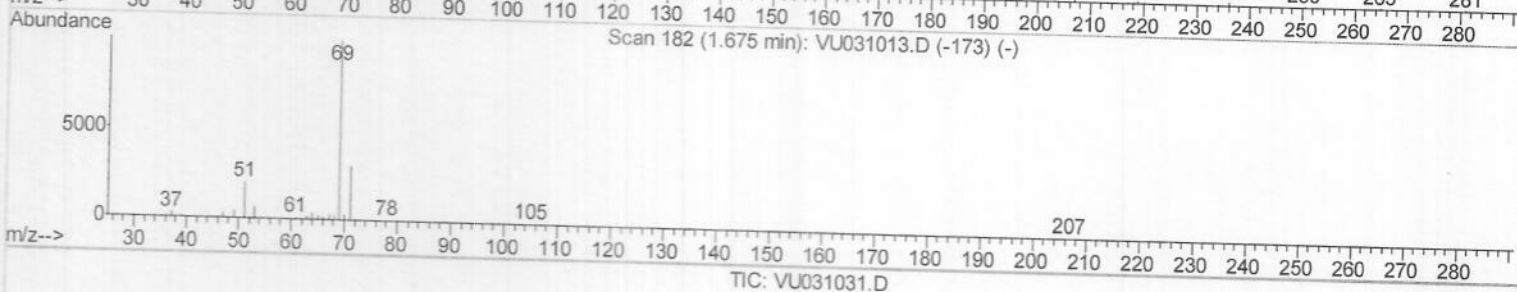
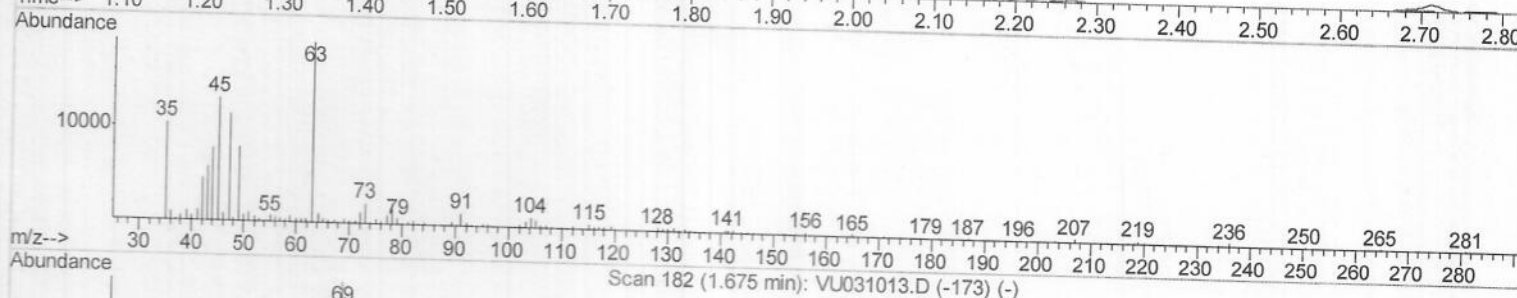
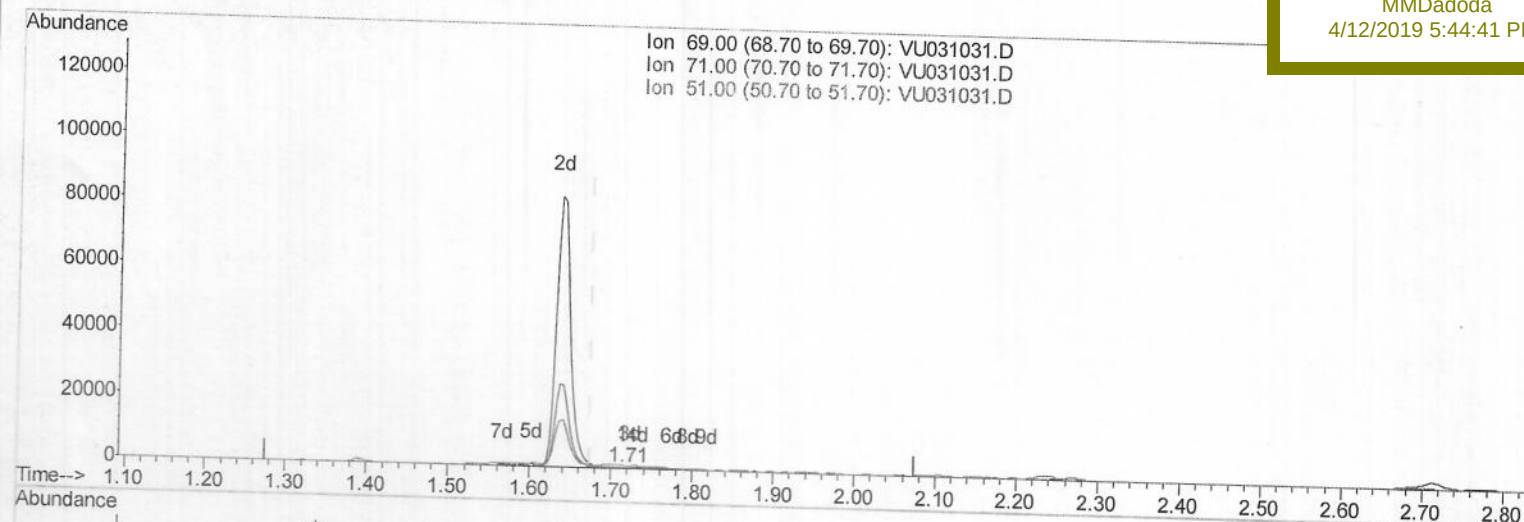
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Quant Time: Apr 11 05:24:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration



(7) Chloroethane-d5 (S)
 1.714min (+0.038) 0.03ug/L
 response 94

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	65.96#
51.00	27.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

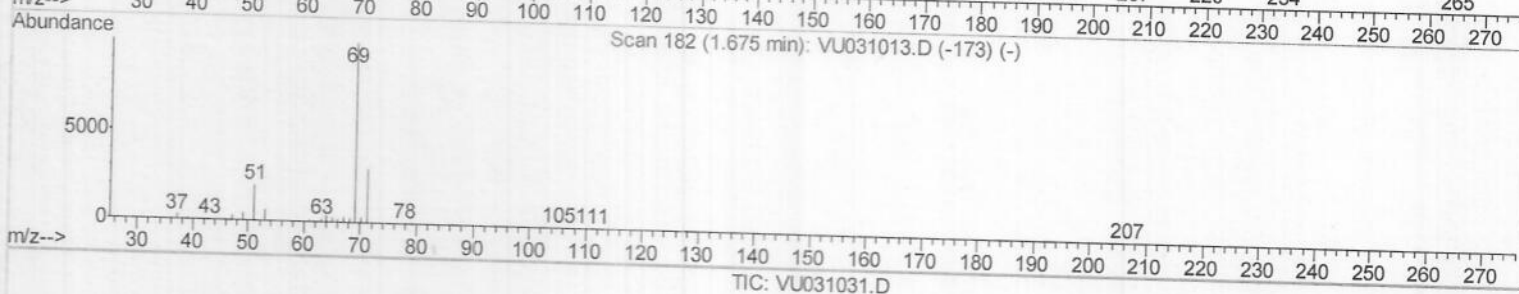
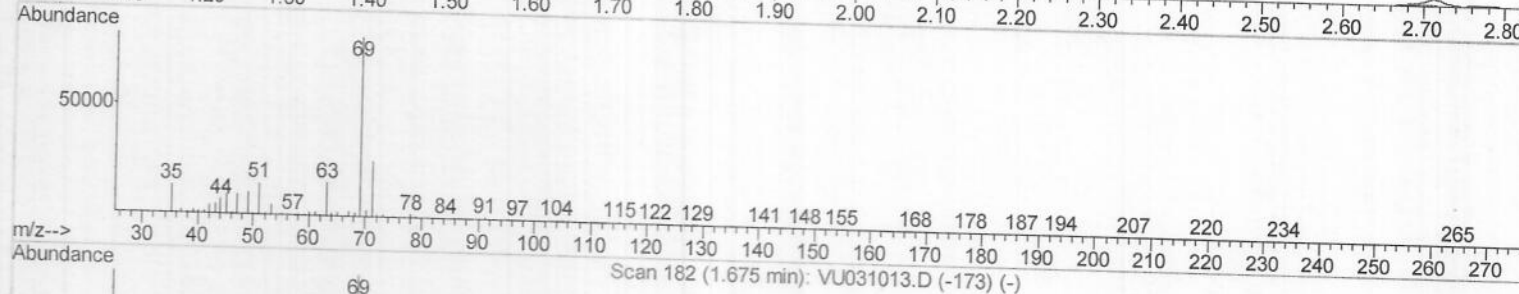
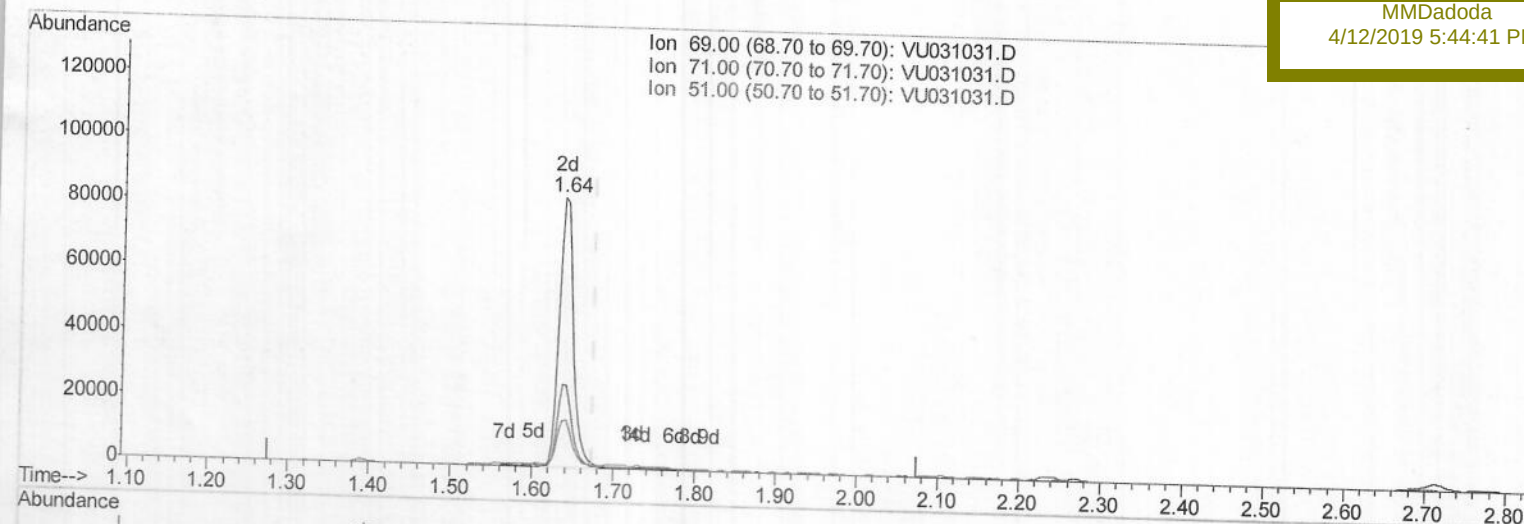
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(7) Chloroethane-d5 (S)

1.637min (-0.039) 30.23ug/L m

response 98610

Handwritten: } M.D. 04/11/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.06#
51.00	27.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

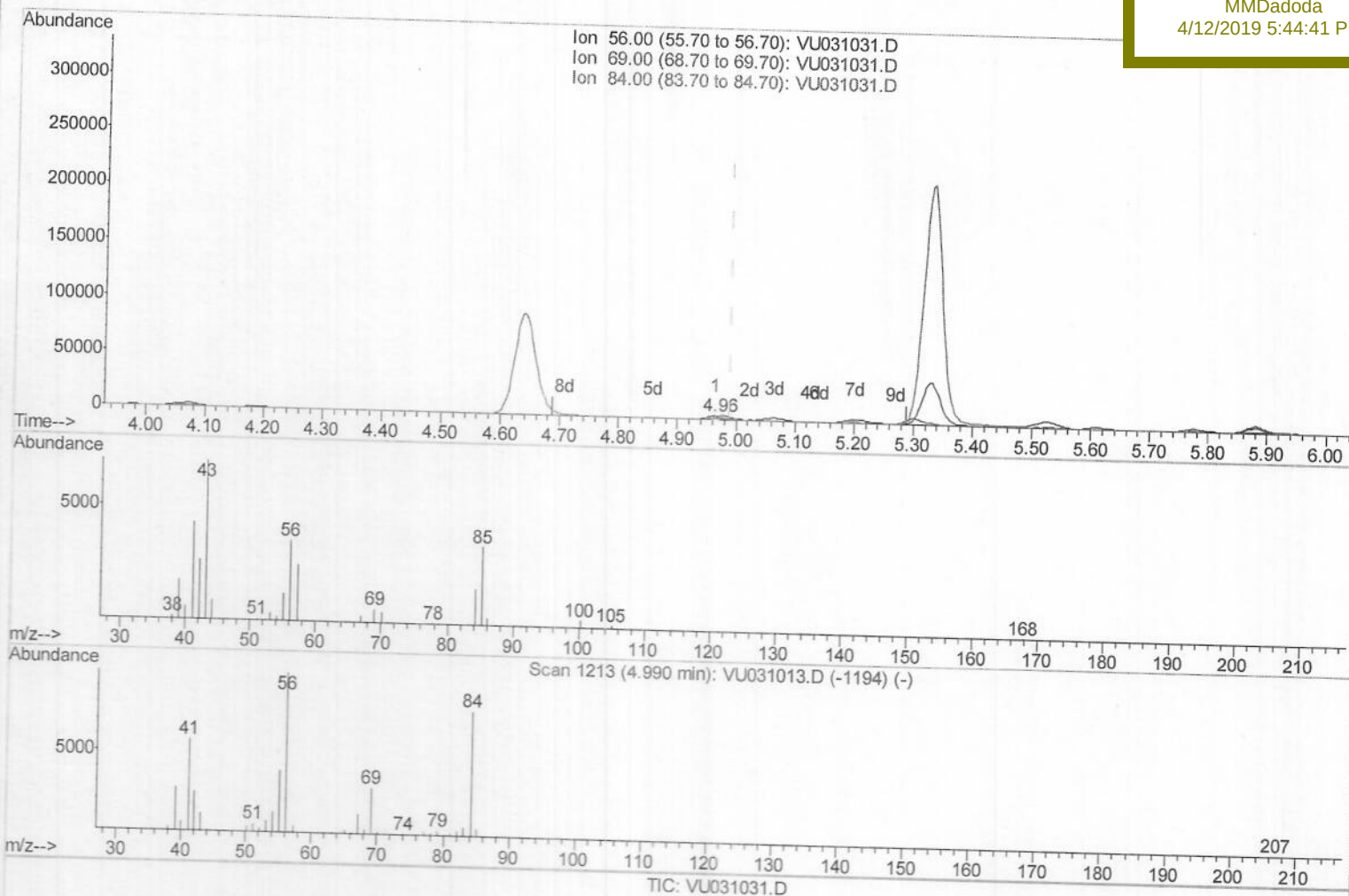
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Manual Integrations
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(29) Cyclohexane (T)

4.964min (-0.026) 0.68ug/L

response 4713

Ion	Exp%	Act%
56.00	100	100
69.00	27.50	38.06#
84.00	72.70	97.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

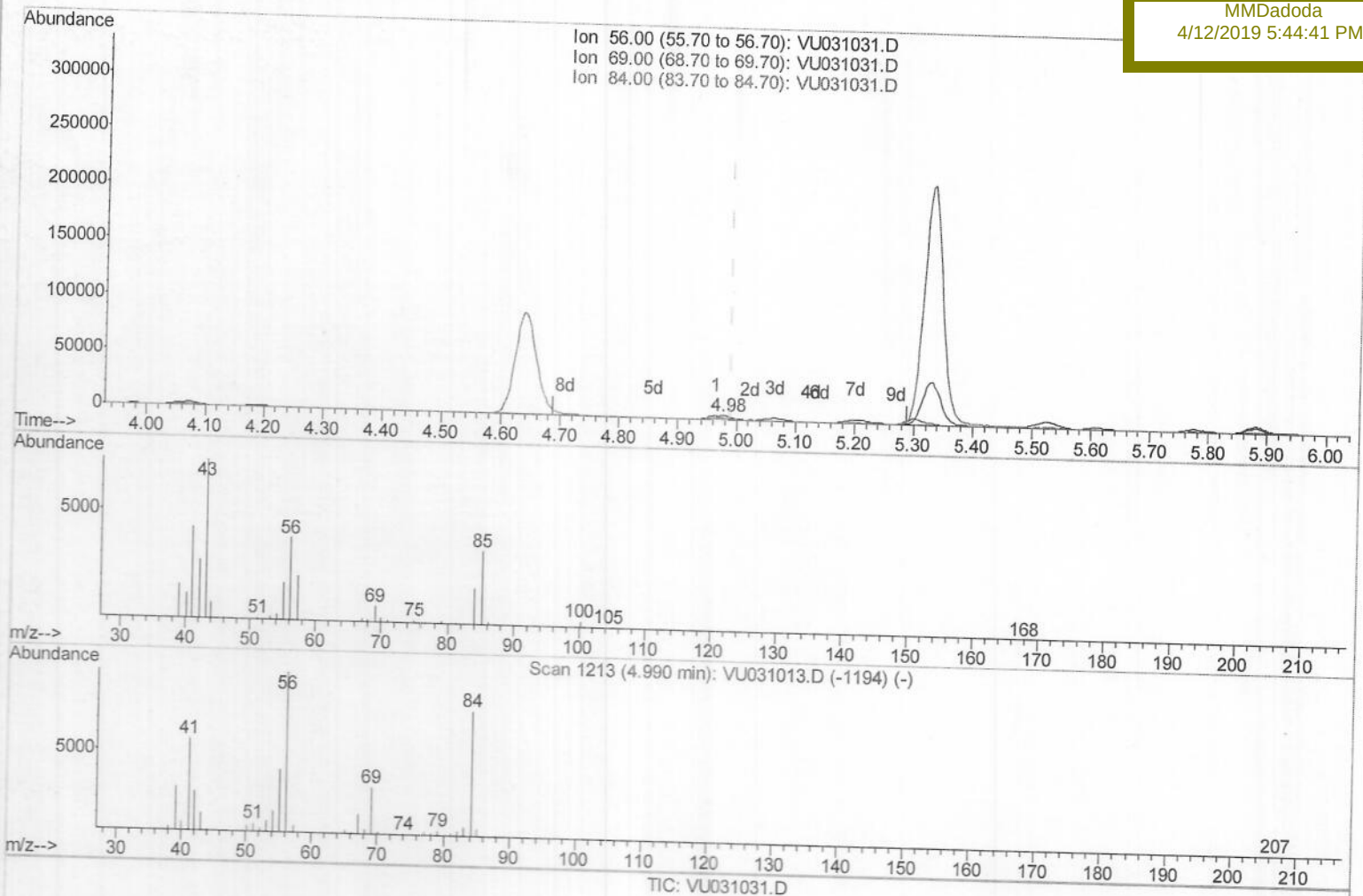
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Instrument :
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 ClientSampleId :
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Manual Integrations
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(29) Cyclohexane (T)

4.977min (-0.013) 1.42ug/L m

response 9797

M.D.
 04/11/19

Ion	Exp%	Act%
56.00	100	100
69.00	27.50	18.31#
84.00	72.70	47.01#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117124	27.25	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	54.50%#	
7) Chloroethane-d5	1.64	69	98610m	30.23	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	60.46%#	
11) 1,1-Dichloroethene-d2	2.24	63	187977	24.18	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	48.36%#	
21) 2-Butanone-d5	4.19	46	295330	86.70	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.70%#	
24) Chloroform-d	4.64	84	232188	35.37	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	70.74%#	
26) 1,2-Dichloroethane-d4	5.30	65	172601	38.53	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.06%#	
32) Benzene-d6	5.33	84	480014	34.00	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	68.00%#	
36) 1,2-Dichloropropane-d6	6.32	67	174421	36.05	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	72.10%#	
41) Toluene-d8	7.56	98	409099	32.69	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	65.38%#	
43) trans-1,3-Dichloropropene-	7.85	79	74650	33.83	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.66%#	
47) 2-Hexanone-d5	8.32	63	196921	89.04	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.04%#	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279851	42.88	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.76%#	
64) 1,2-Dichlorobenzene-d4	11.86	152	196532	40.48	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.96%#	

3 M.D.
 04/11/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.98	56	9797m	1.421	ug/L	93
35) Methylcyclohexane	6.40	83	12645	2.111	ug/L	99
52) Ethylbenzene	9.25	91	53531	3.040	ug/L	95
53) m,p-Xylene	9.38	106	15264	2.485	ug/L	98
54) o-xylene	9.78	106	10982	1.798	ug/L	94
56) Isopropylbenzene	10.17	105	17608	1.095	ug/L	

3 M.D.
 04/11/19

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