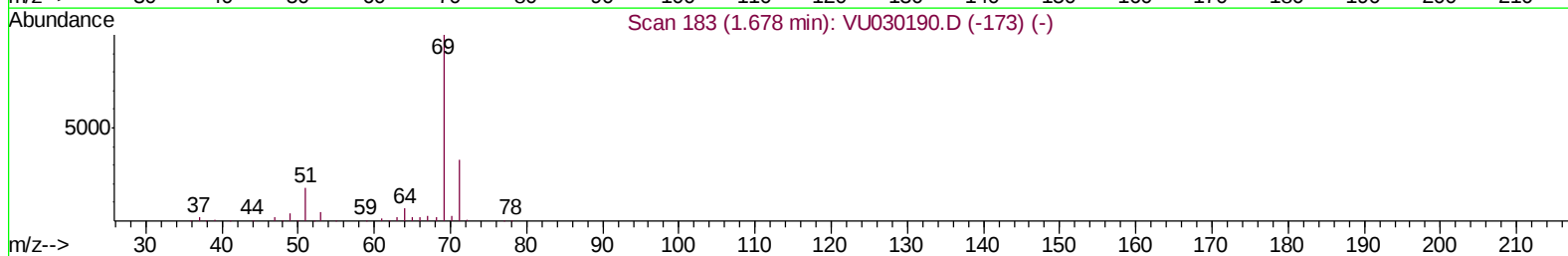
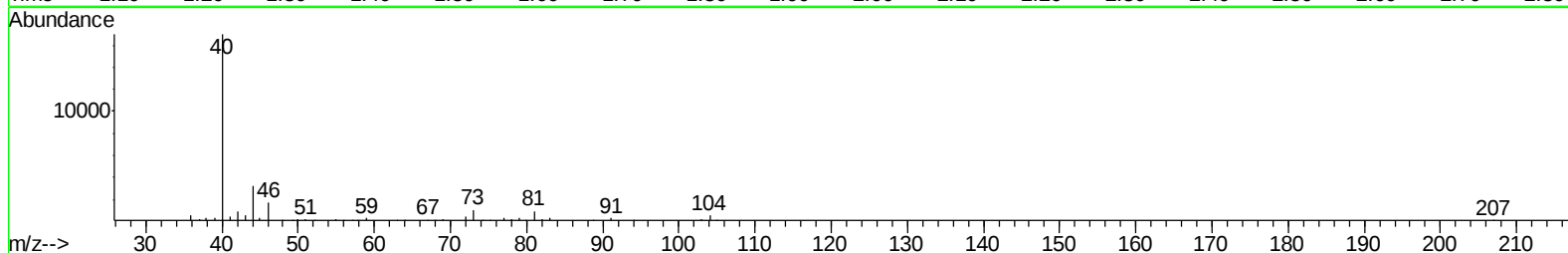
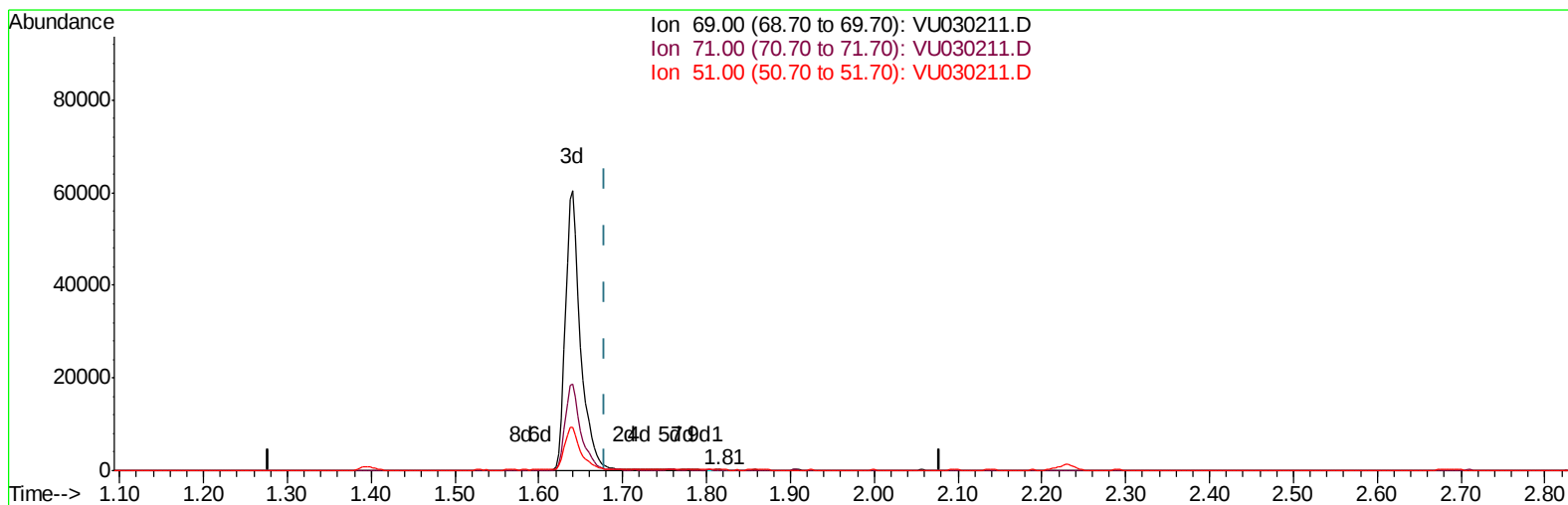


Data File : VU030211.D
Acq On : 19 Mar 2019 22:06
Operator : JC/SP
Sample : K1986-13
Misc : 4.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 20 03:05:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
Response via : Initial Calibration



TIC: VU030211.D

(7) Chloroethane-d5 (S)

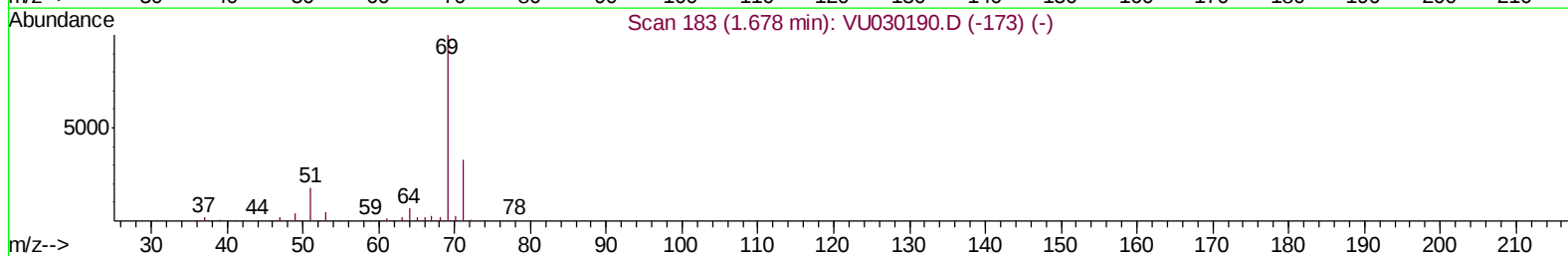
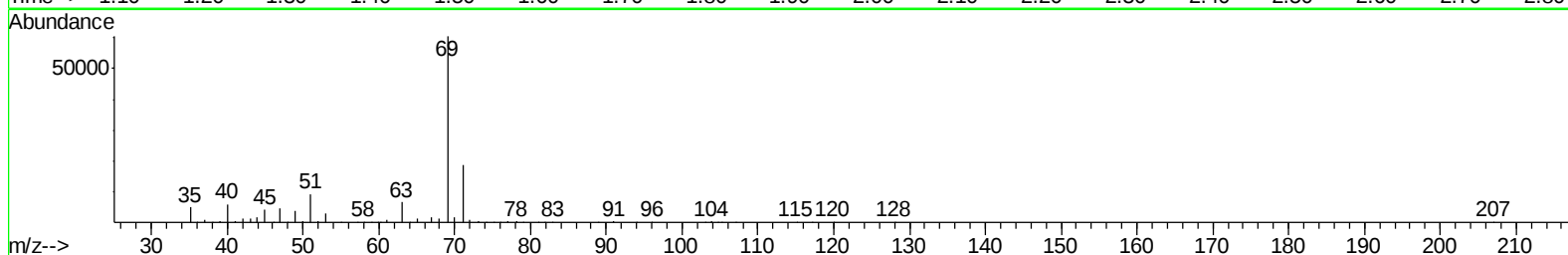
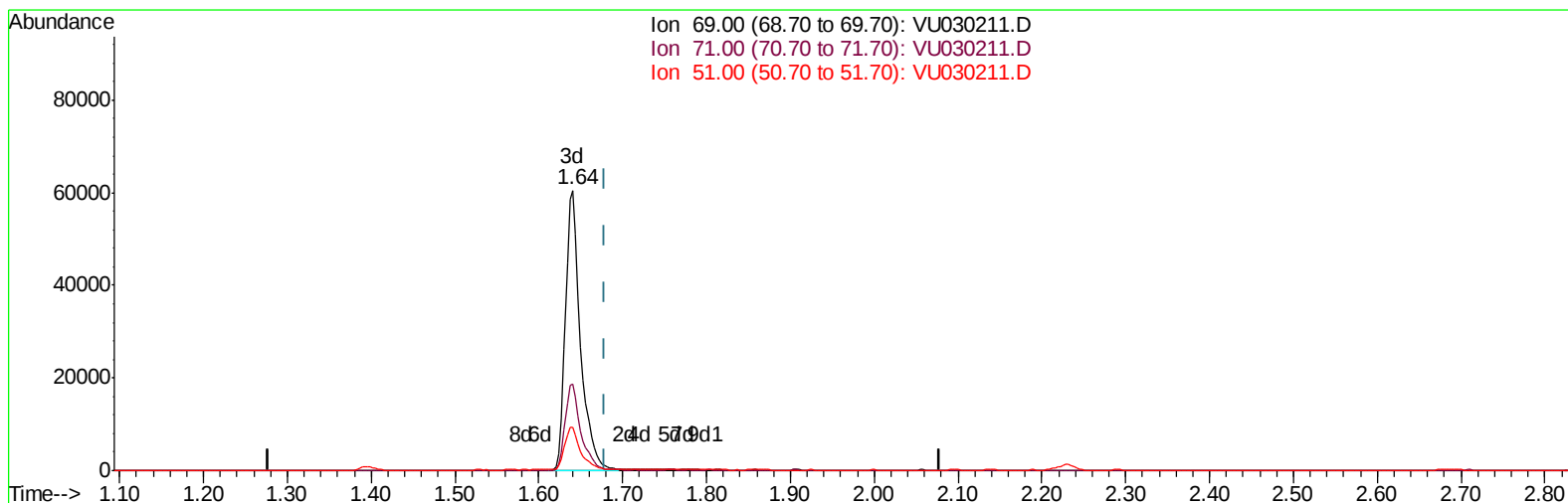
1.814min (+0.135) 0.06ug/L

response 181

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	28.18
51.00	24.00	17.13
0.00	0.00	0.00

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TIC: VU030211.D

(7) Chloroethane-d5 (S)

1.640min (-0.038) 24.37ug/L m

response 74934

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.07#
51.00	24.00	0.04#
0.00	0.00	0.00

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ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 20 04:58:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568782	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	166926	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.64	69	74934m	24.37	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.74%#
11) 1,1-Dichloroethene-d2	2.23	63	225020	32.07	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.14%
21) 2-Butanone-d5	4.19	46	248448	87.08	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	4.64	84	293362	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.30	65	178569	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
32) Benzene-d6	5.33	84	654501	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
36) 1,2-Dichloropropane-d6	6.32	67	202007	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.56	98	586401	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%
43) trans-1,3-Dichloropropene-	7.85	79	91406	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
47) 2-Hexanone-d5	8.32	63	226939	93.76	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	334621	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	268160	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%

Target Compounds Qvalue

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

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