

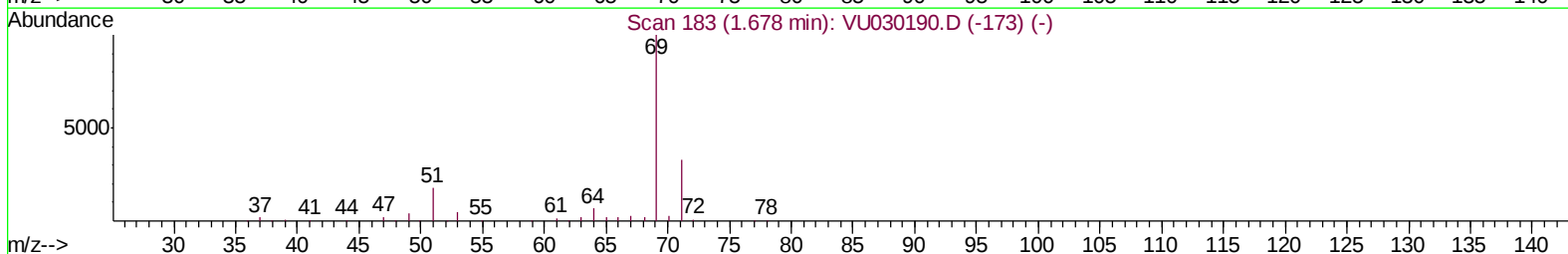
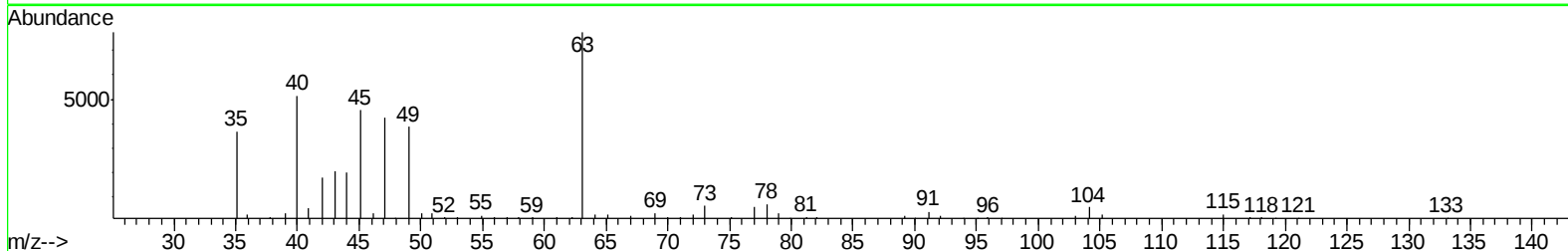
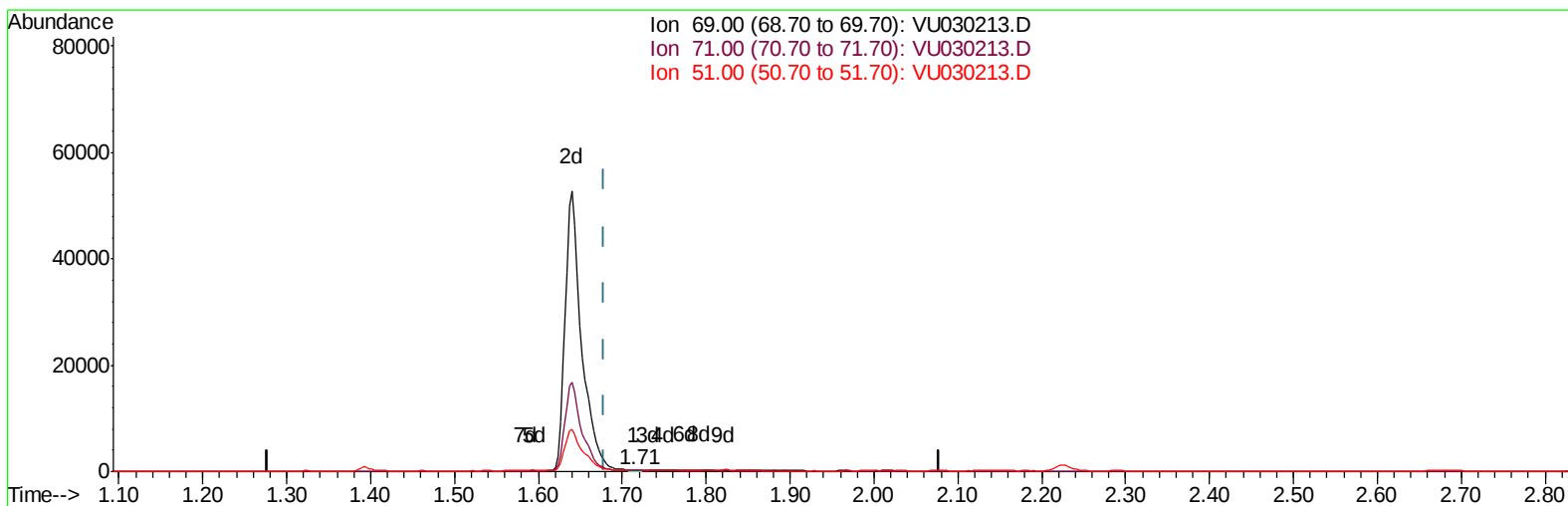
Data File : VU030213.D
Acq On : 19 Mar 2019 22:52
Operator : JC/SP
Sample : K1986-15
Misc : 4.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF123

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:53 PM

Quant Time: Mar 20 03:05:44 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: VU030213.D

(7) Chloroethane-d5 (S)

1.714min (+0.035) 0.06ug/L

response 195

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	27.18
51.00	24.00	31.79#
0.00	0.00	0.00

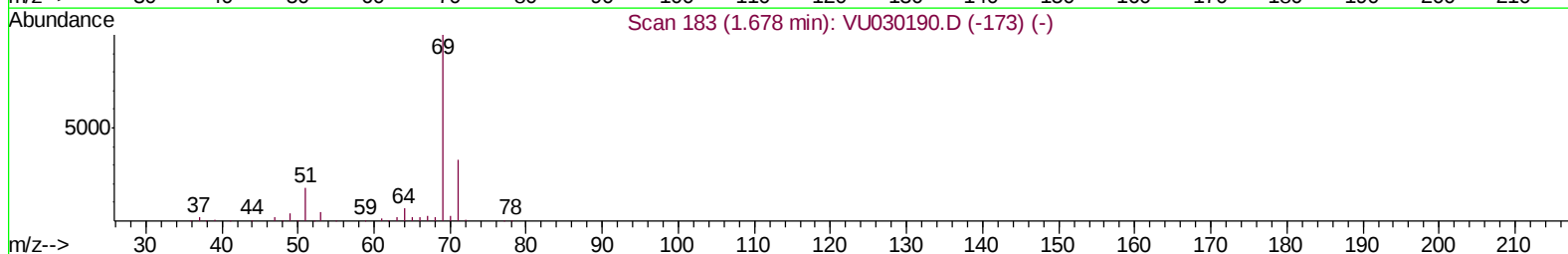
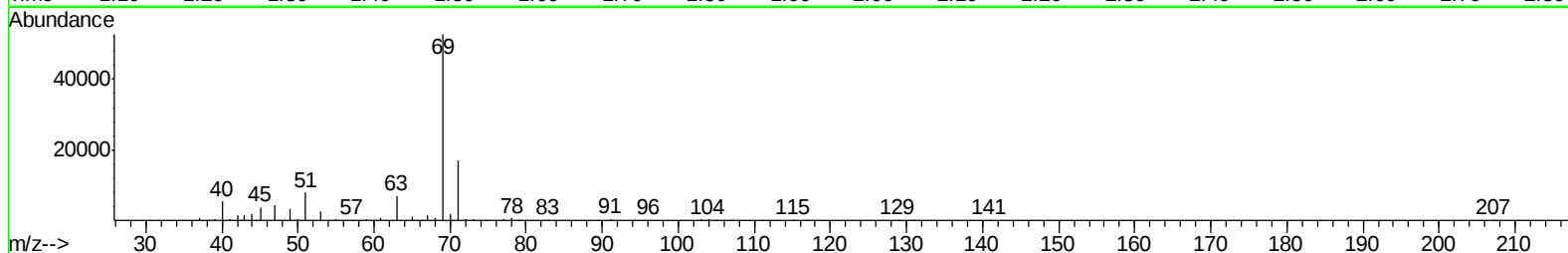
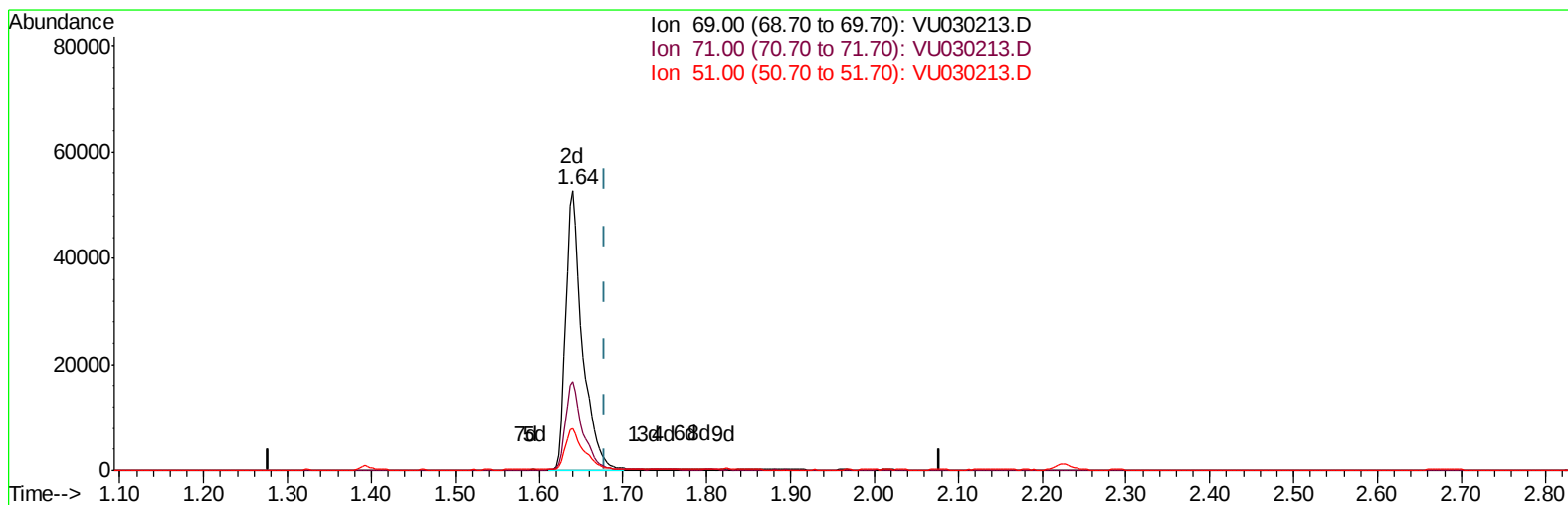
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TIC: VU030213.D

(7) Chloroethane-d5 (S)

1.640min (-0.039) 23.83ug/L m

response 72359

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.07#
51.00	24.00	0.09#
0.00	0.00	0.00

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Quant Time: Mar 20 05:03:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	561631	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165139	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.96%
7) Chloroethane-d5	1.64	69	72359m	23.83	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.66%#
11) 1,1-Dichloroethene-d2	2.23	63	221171	31.92	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	4.20	46	249212	88.46	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.46%
24) Chloroform-d	4.64	84	295409	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
26) 1,2-Dichloroethane-d4	5.30	65	179843	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.33	84	652499	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.32	67	202410	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.82%
41) Toluene-d8	7.56	98	594195	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	93199	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.32	63	232056	97.08	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	335742	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	267610	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%

Target Compounds Qvalue

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

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