

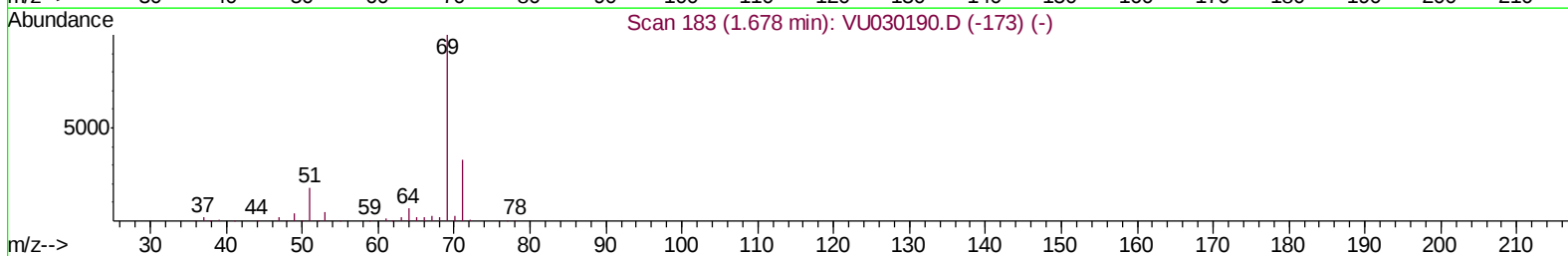
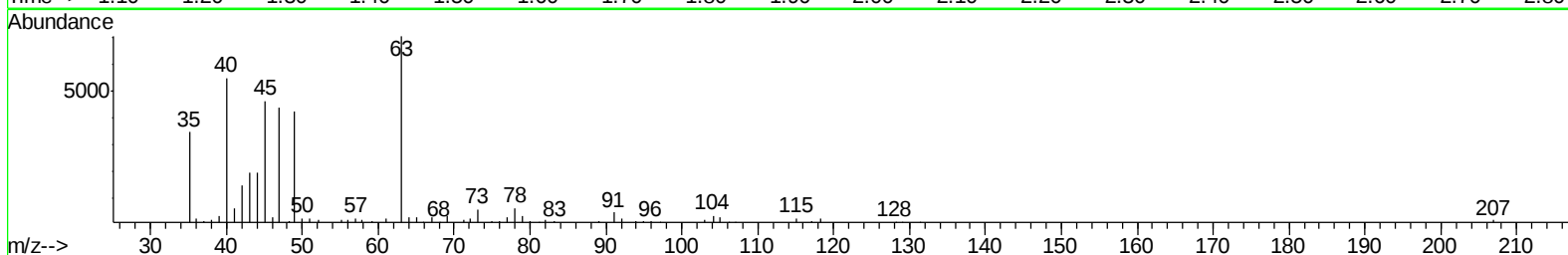
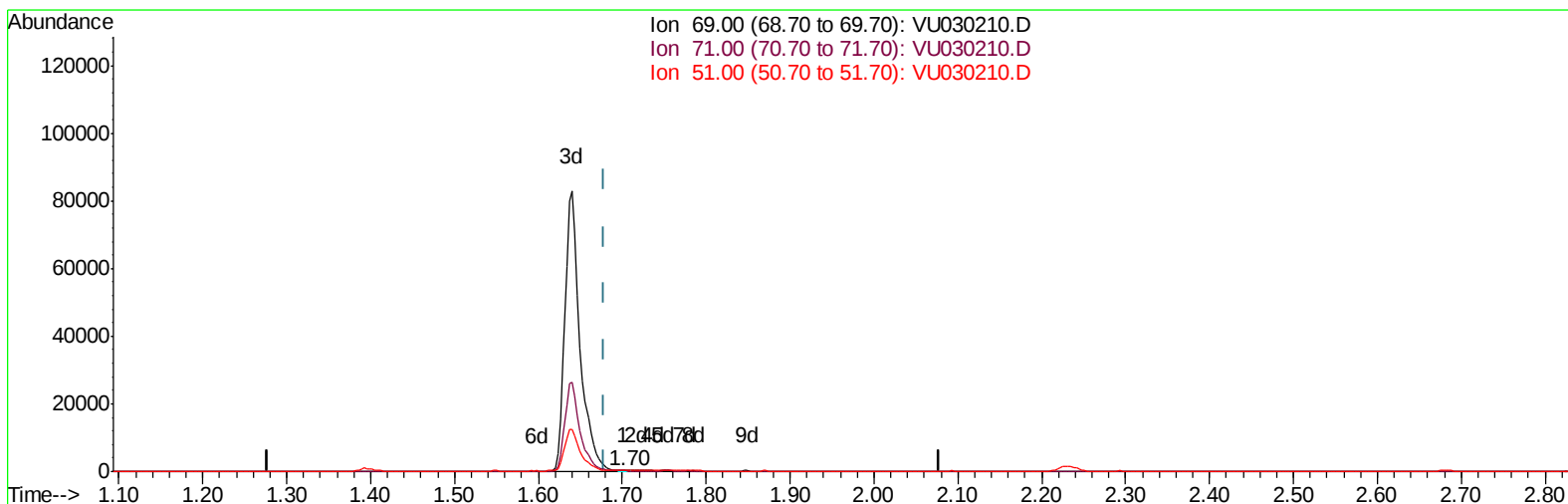
Data File : VU030210.D
Acq On : 19 Mar 2019 21:43
Operator : JC/SP
Sample : K1986-12
Misc : 5.23g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF120

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:48 PM

Quant Time: Mar 20 03:05:15 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: VU030210.D

(7) Chloroethane-d5 (S)

1.701min (+0.023) 0.05ug/L

response 210

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

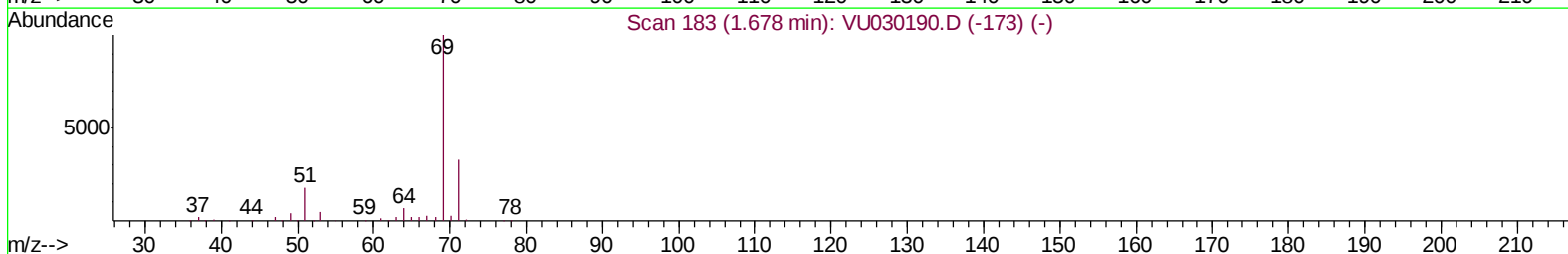
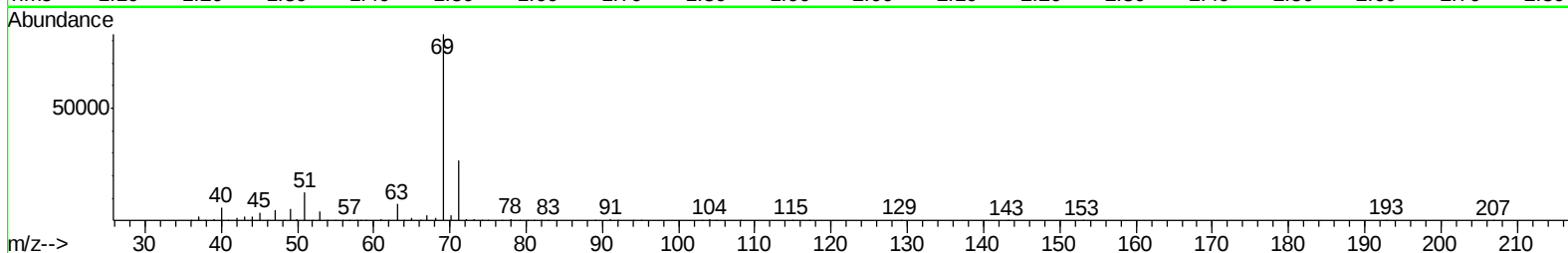
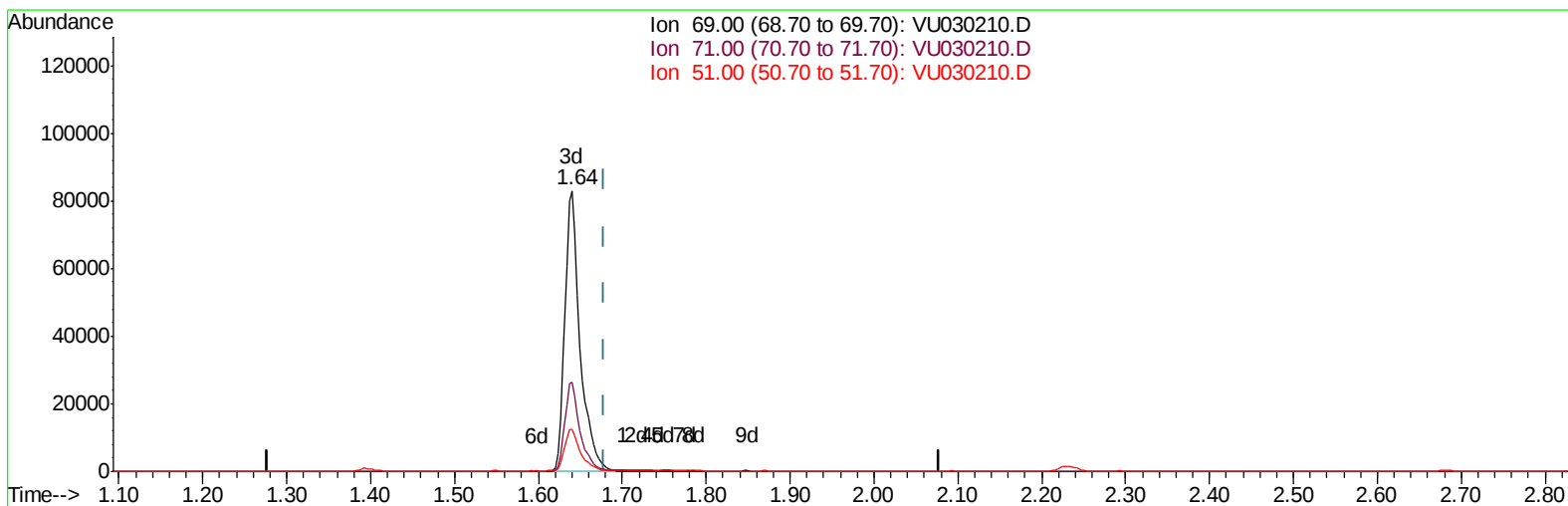
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TIC: VU030210.D

(7) Chloroethane-d5 (S)

1.640min (-0.039) 26.02ug/L m

response 104061

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

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3/20/2019 3:15:48 PM

Quant Time: Mar 20 04:56:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	739601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	750775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228171	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.24%
7) Chloroethane-d5	1.64	69	104061m	26.02	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.04%#
11) 1,1-Dichloroethene-d2	2.23	63	313302	34.34	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
21) 2-Butanone-d5	4.19	46	356285	96.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.03%
24) Chloroform-d	4.64	84	404694	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.30	65	244633	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.33	84	906397	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.32	67	282006	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.56	98	846389	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	129159	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.66%
47) 2-Hexanone-d5	8.32	63	331319	104.37	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	470394	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	377393	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

Target Compounds Qvalue

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

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