

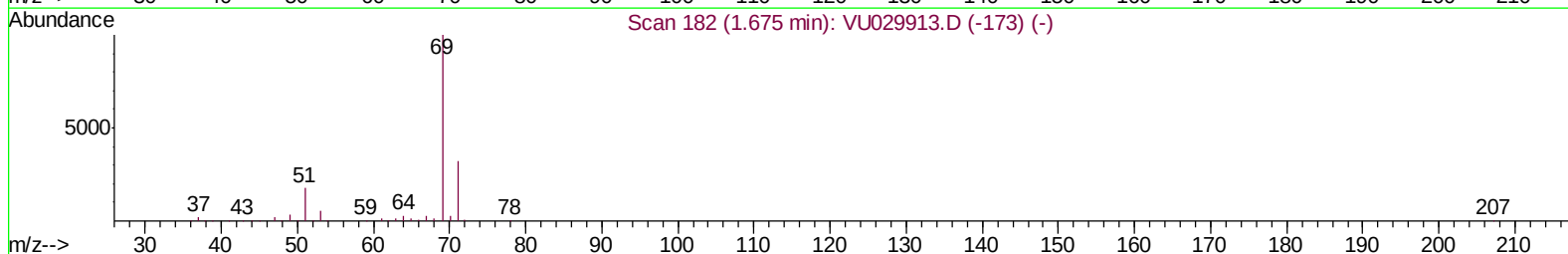
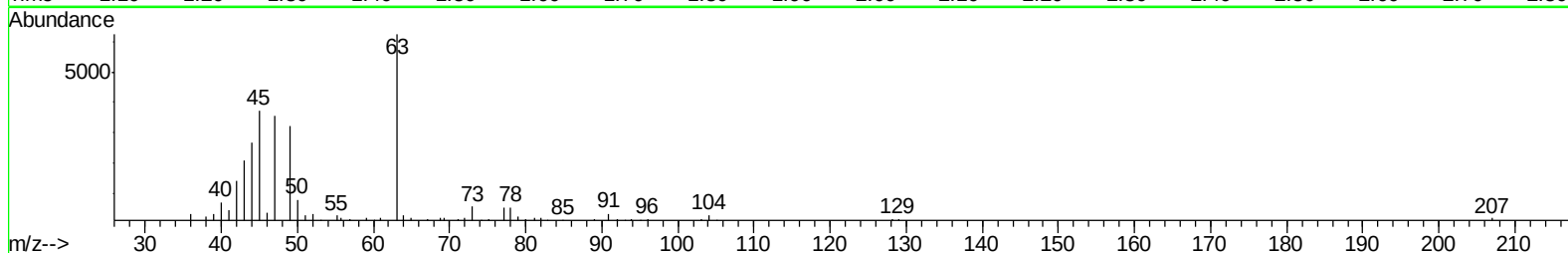
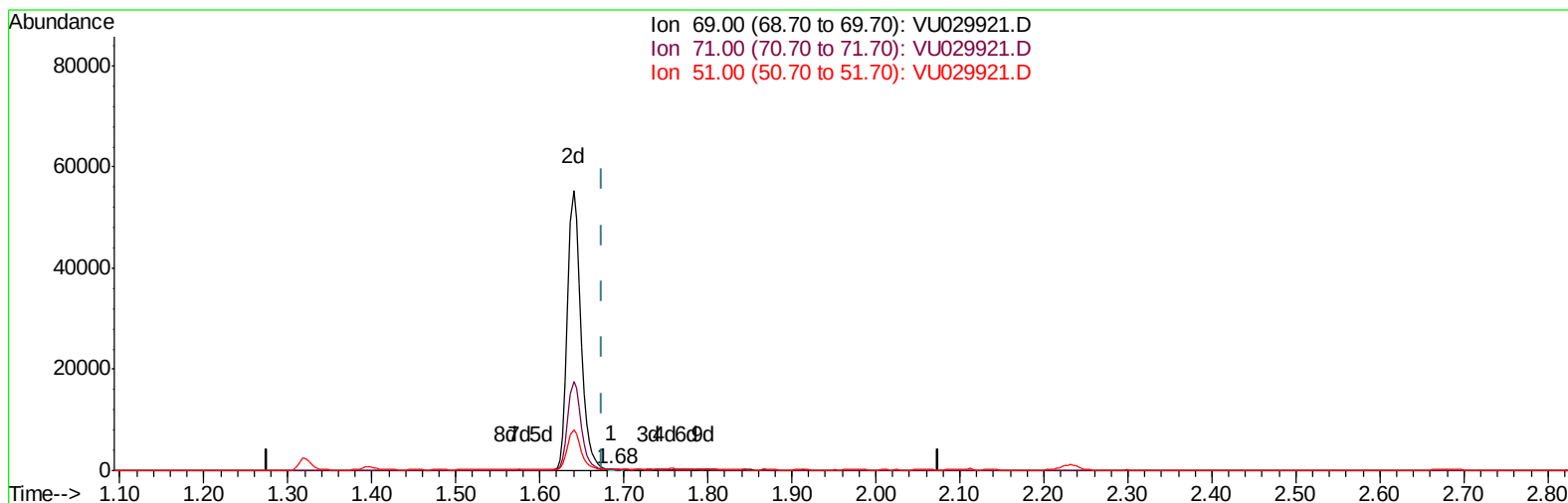
Data File : VU029921.D
Acq On : 09 Mar 2019 15:42
Operator : JC/SP
Sample : K1789-15
Misc : 6.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P8

Manual Integrations
APPROVED

MMDadoda
3/11/2019 10:53:15 AM

Quant Time: Mar 11 02:25:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration



TIC: VU029921.D

(7) Chloroethane-d5 (S)

1.685min (+0.010) 0.04ug/L

response 101

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	100.00#
51.00	24.10	0.00#
0.00	0.00	0.00

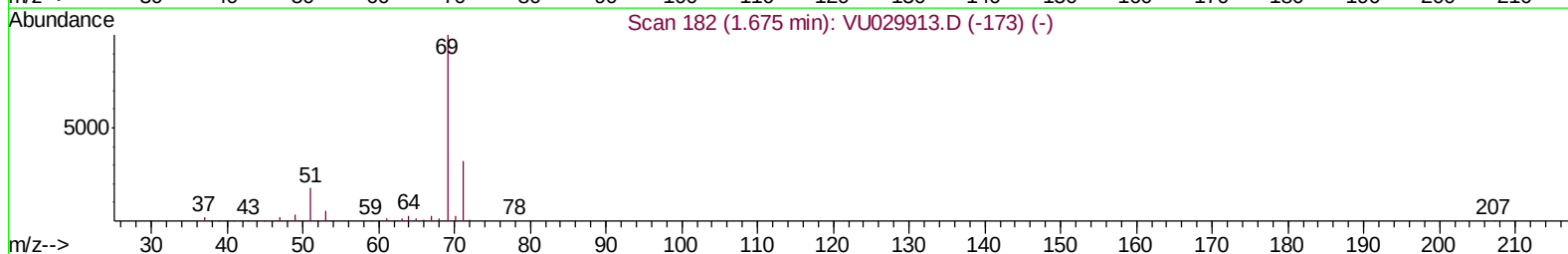
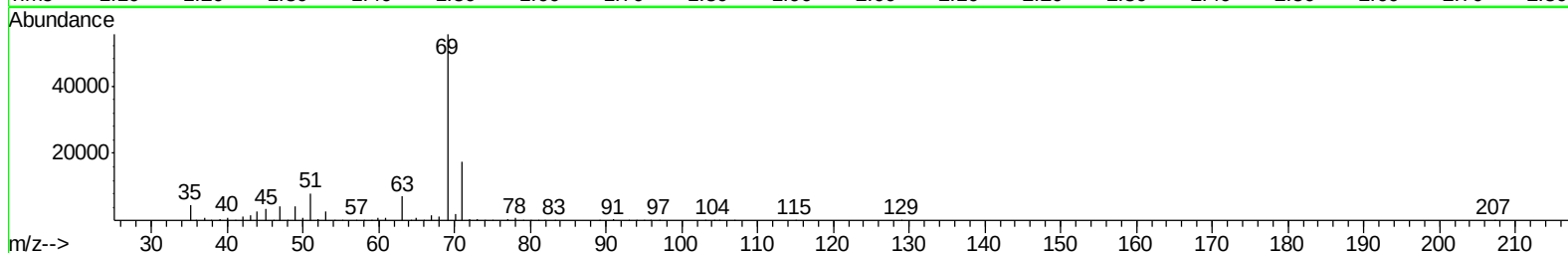
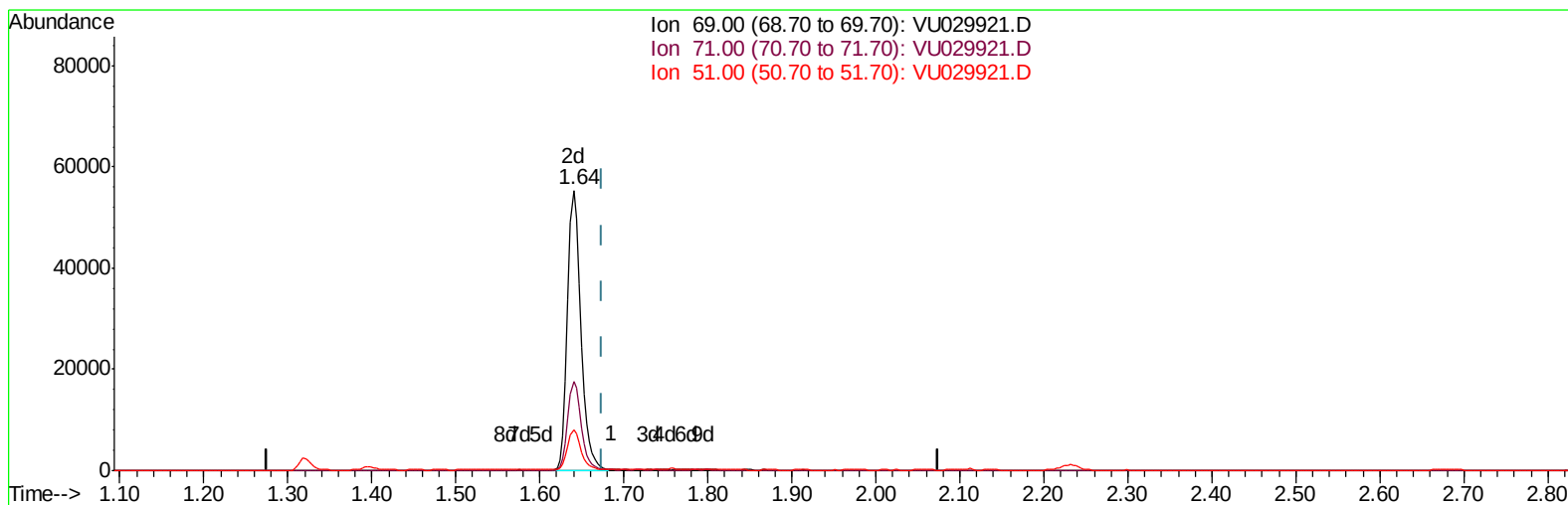
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TIC: VU029921.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 21.50ug/L m

response 60729

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.17#
51.00	24.10	0.00#
0.00	0.00	0.00

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Quant Time: Mar 11 03:04:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	550589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	557202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141870	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.46%
7) Chloroethane-d5	1.64	69	60729m	21.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.00%#
11) 1,1-Dichloroethene-d2	2.23	63	199692	31.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.19	46	217001	83.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.64	84	256232	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.38%
26) 1,2-Dichloroethane-d4	5.30	65	159002	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
32) Benzene-d6	5.33	84	567365	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
36) 1,2-Dichloropropane-d6	6.32	67	171805	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.94%
41) Toluene-d8	7.56	98	532368	39.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.92%#
43) trans-1,3-Dichloropropene-	7.85	79	81320	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.32	63	205951	91.27	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300954	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	243238	42.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.30%

Target Compounds						Qvalue
3) Chloromethane	1.32	50	71639	12.890	ug/L	99
6) Bromomethane	1.60	94	3539	3.100	ug/L	96

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

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