

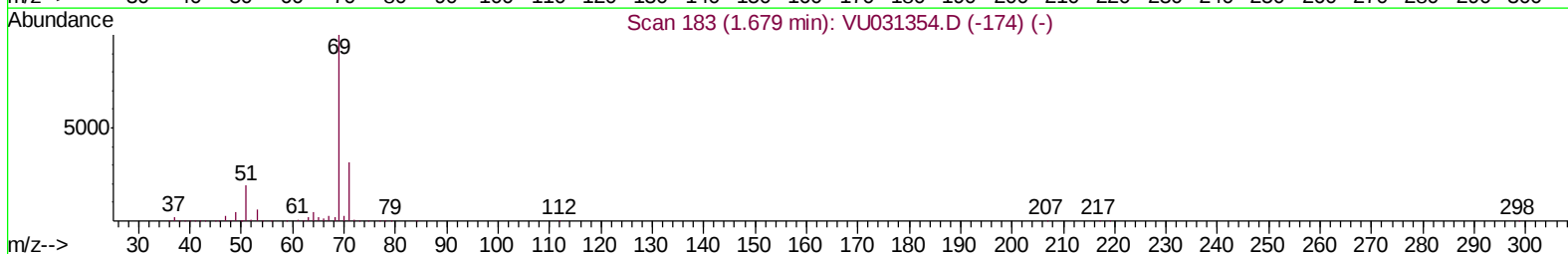
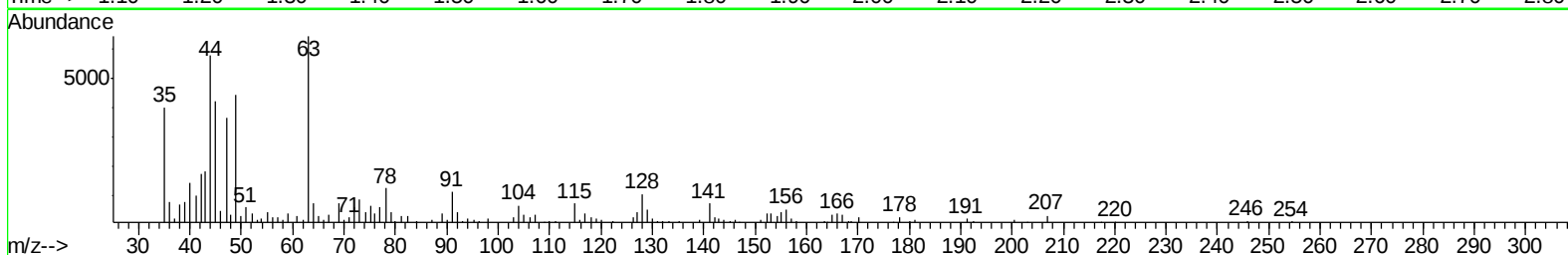
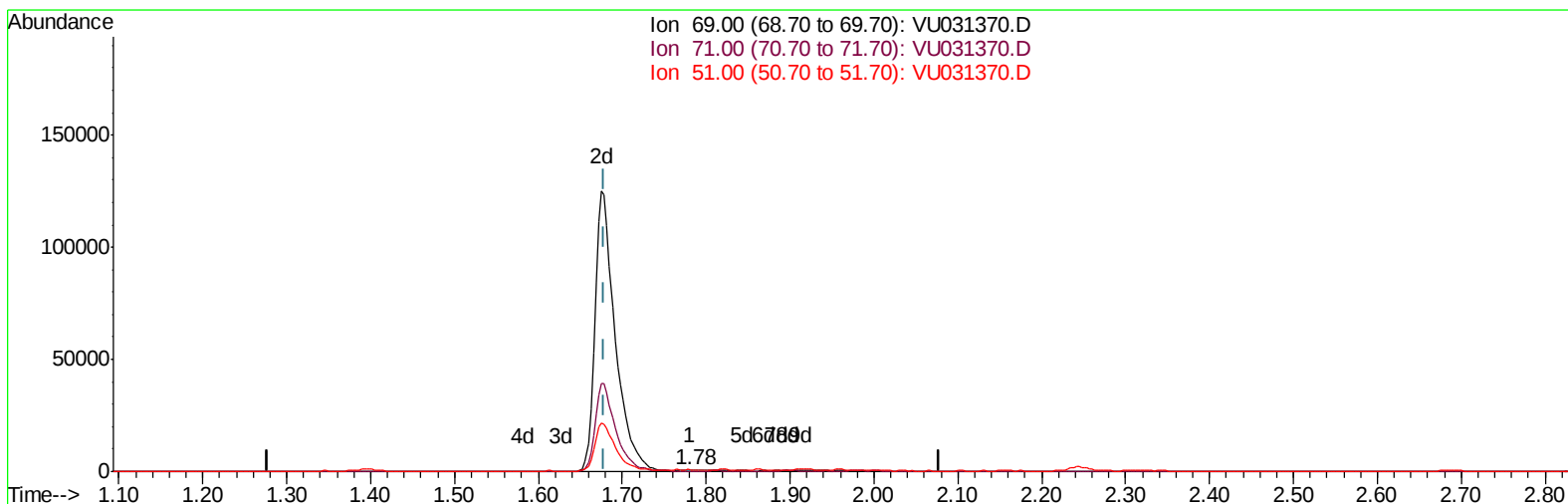
Data File : VU031370.D
Acq On : 19 Apr 2019 19:30
Operator : JC/SP
Sample : K2456-16
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHN6

Manual Integrations
APPROVED

MMDadoda
4/22/2019 10:17:57 AM

Quant Time: Apr 19 23:17:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration



TIC: VU031370.D

(7) Chloroethane-d5 (S)

1.781min (+0.103) 0.05ug/L

response 426

Ion	Exp%	Act%
69.00	100	100
71.00	30.80	32.63
51.00	26.40	22.54
0.00	0.00	0.00

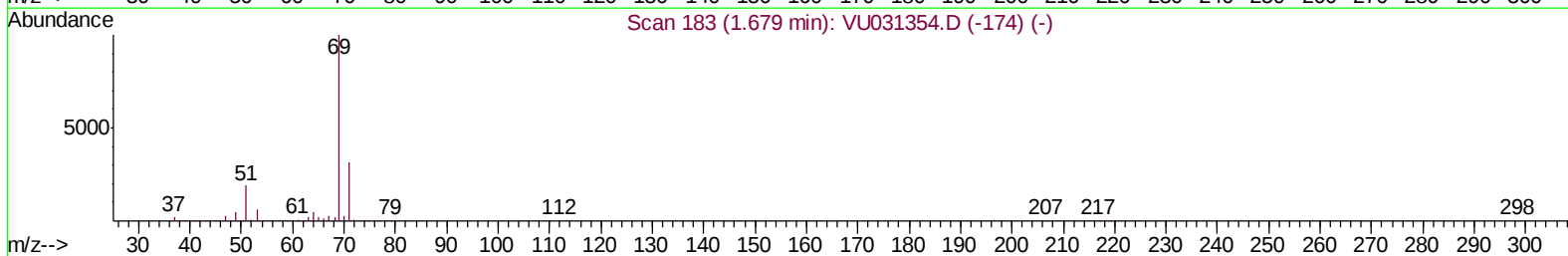
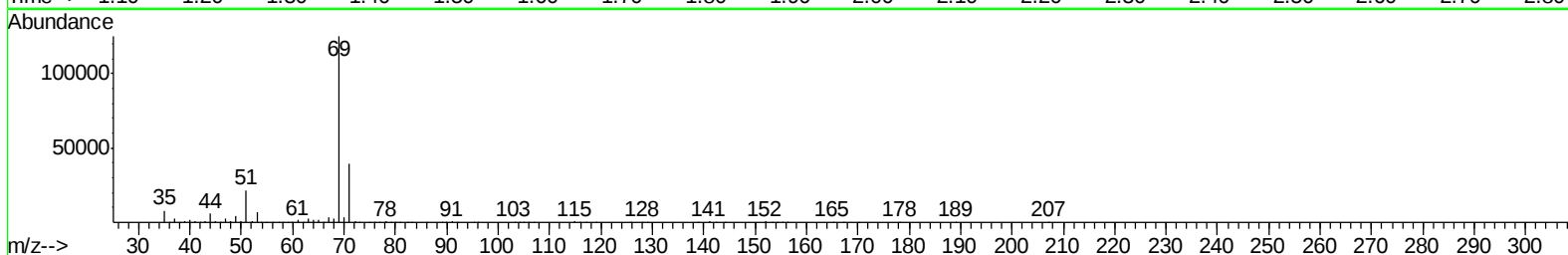
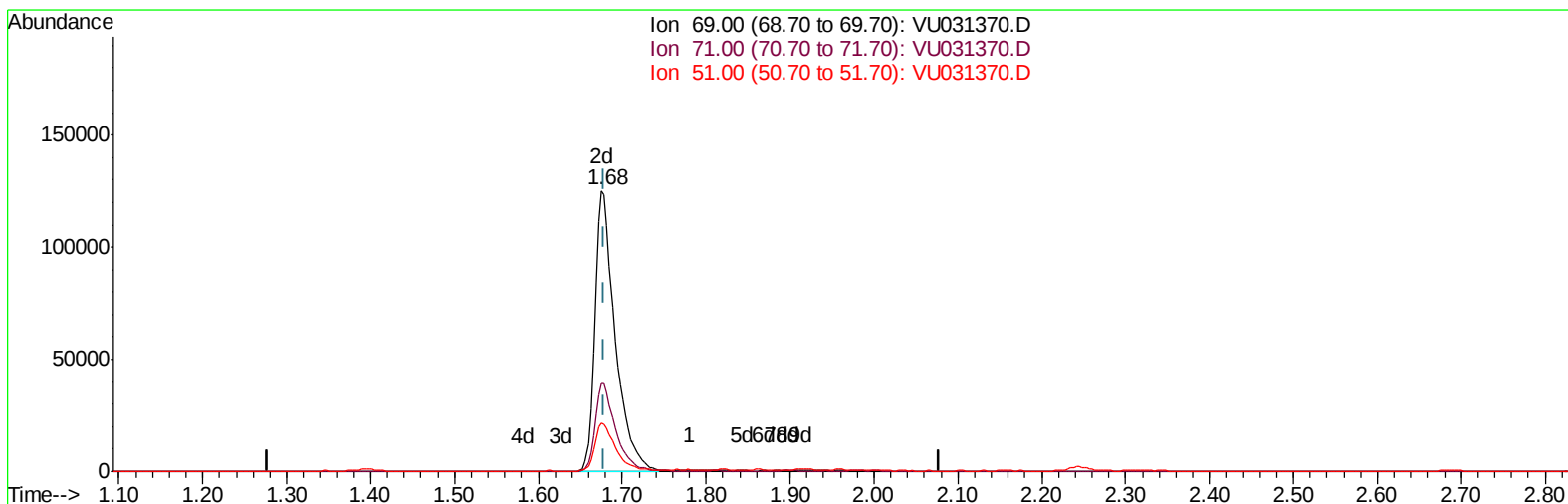
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TIC: VU031370.D

(7) Chloroethane-d5 (S)

1.675min (-0.003) 22.31ug/L m

response 211042

Ion	Exp%	Act%
69.00	100	100
71.00	30.80	0.07#
51.00	26.40	0.05#
0.00	0.00	0.00

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Quant Time: Apr 20 01:12:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1183321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1133788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	578798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	275844	25.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.62%#		
7) Chloroethane-d5	1.68	69	211042m	22.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.62%#		
11) 1,1-Dichloroethene-d2	2.24	63	432685	20.04	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	40.08%#		
21) 2-Butanone-d5	4.20	46	548532	69.11	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.11%		
24) Chloroform-d	4.64	84	515692	28.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	56.72%#		
26) 1,2-Dichloroethane-d4	5.31	65	303965	27.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	54.30%#		
32) Benzene-d6	5.33	84	1005363	28.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	56.10%#		
36) 1,2-Dichloropropane-d6	6.32	67	336701	28.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	57.88%#		
41) Toluene-d8	7.56	98	941736	29.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	59.72%#		
43) trans-1,3-Dichloropropene-	7.85	79	150143	27.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.00%#		
47) 2-Hexanone-d5	8.34	63	377708	68.78	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.78%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	481138	29.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	59.58%#		
64) 1,2-Dichlorobenzene-d4	11.86	152	397013	29.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	59.82%#		

Target Compounds					Qvalue
55) Styrene	9.80	104	12223	0.491 ug/L	89

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

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