

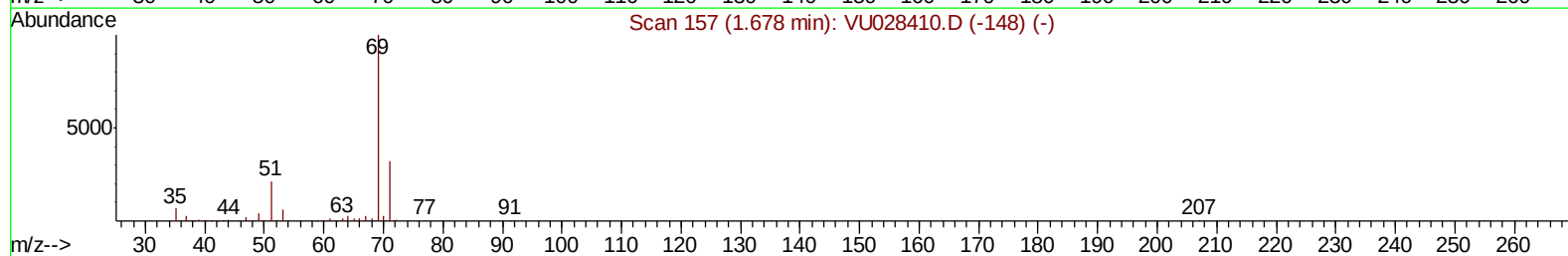
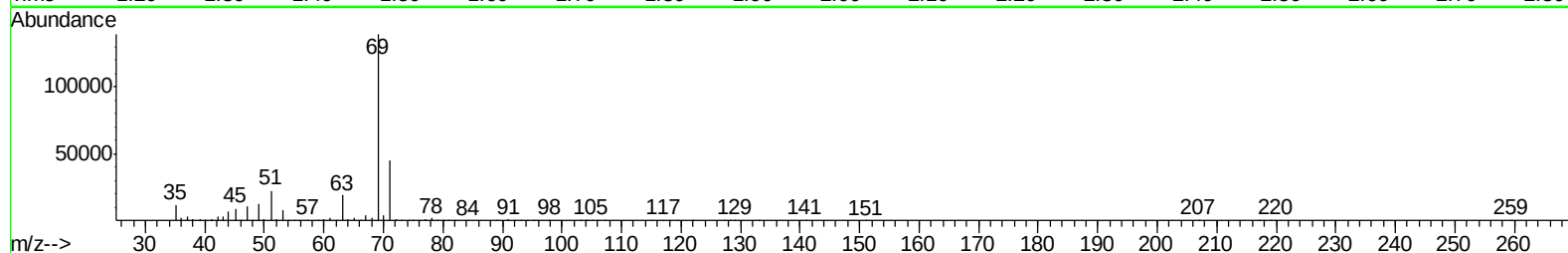
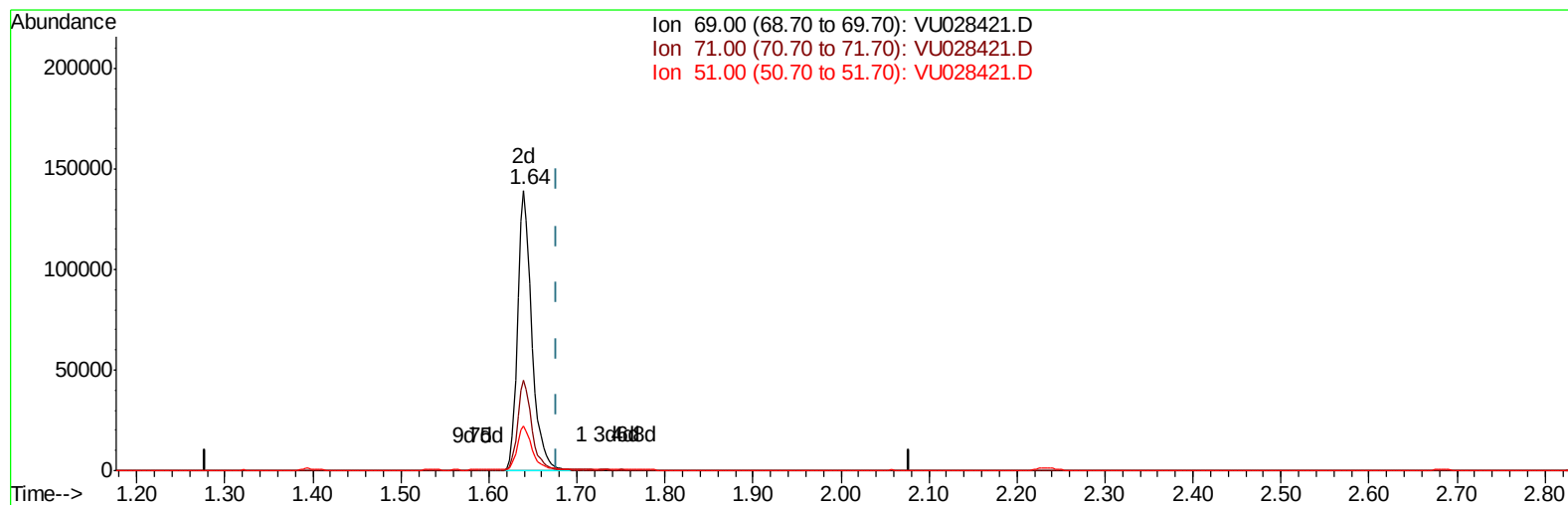
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
Data File : VU028421.D
Acq On : 30 Nov 2018 14:22
Operator : MD/SY
Sample : J6077-17
Misc : 5.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y37

Manual Integrations
APPROVED

MMDadoda
12/3/2018 10:51:39 AM

Quant Time: Dec 01 03:24:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 23:11:27 2018
Response via : Initial Calibration



TIC: VU028421.D

(7) Chloroethane-d5 (S)

1.640min (-0.039) 43.07ug/L m

response 157601

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.00#
51.00	28.20	0.08#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	532710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179891	37.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.48%
7) Chloroethane-d5	1.64	69	157601m	43.07	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.14%
11) 1,1-Dichloroethene-d2	2.23	63	249173	29.40	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.80%#
21) 2-Butanone-d5	4.19	46	328342	83.94	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.94%
24) Chloroform-d	4.64	84	297879	38.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	5.30	65	208251	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.54%
32) Benzene-d6	5.33	84	638800	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
36) 1,2-Dichloropropane-d6	6.33	67	230603	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.30%
41) Toluene-d8	7.56	98	568303	39.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.78%#
43) trans-1,3-Dichloropropene-	7.85	79	103296	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.66%
47) 2-Hexanone-d5	8.32	63	245445	88.48	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322478	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	218597	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds	Qvalue

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

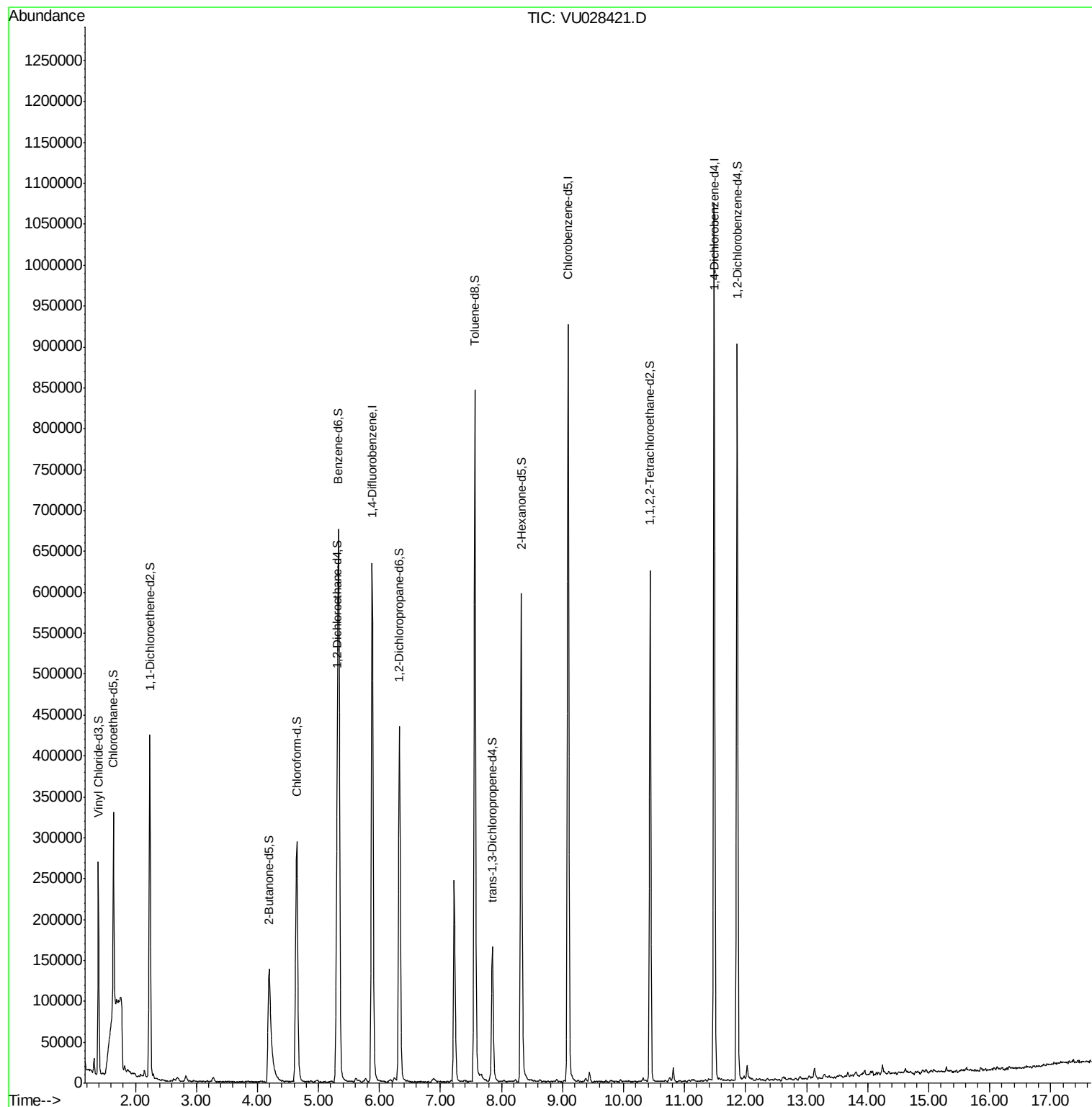
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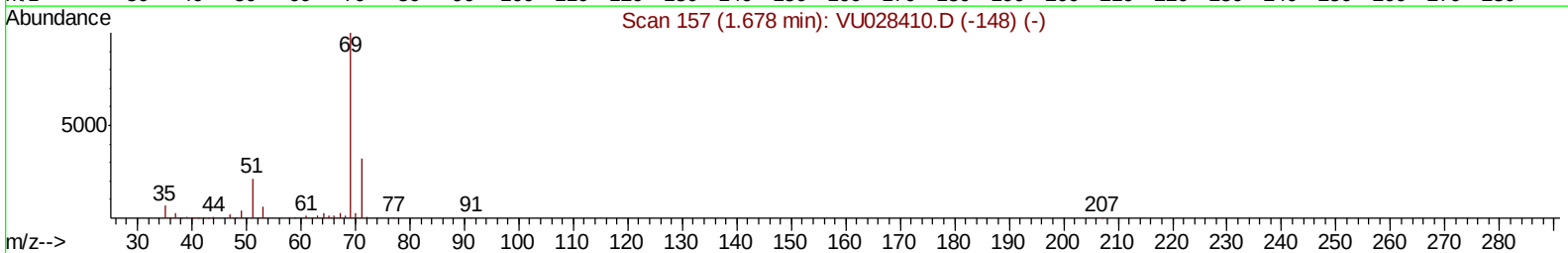
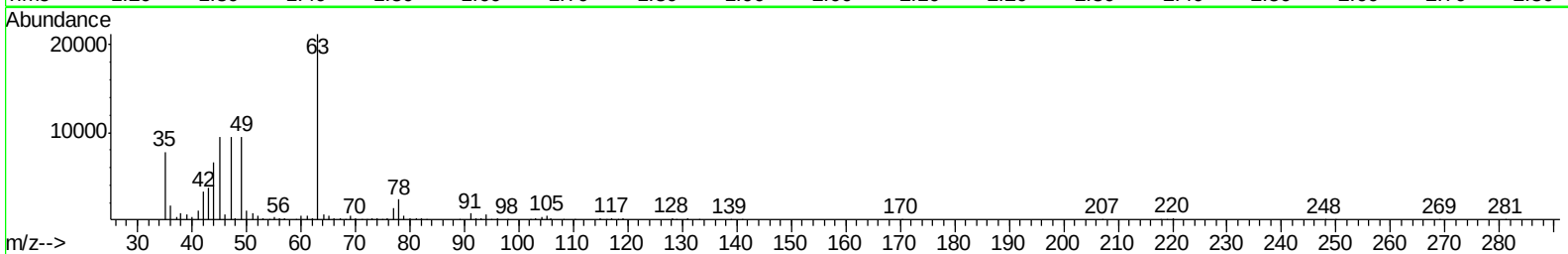
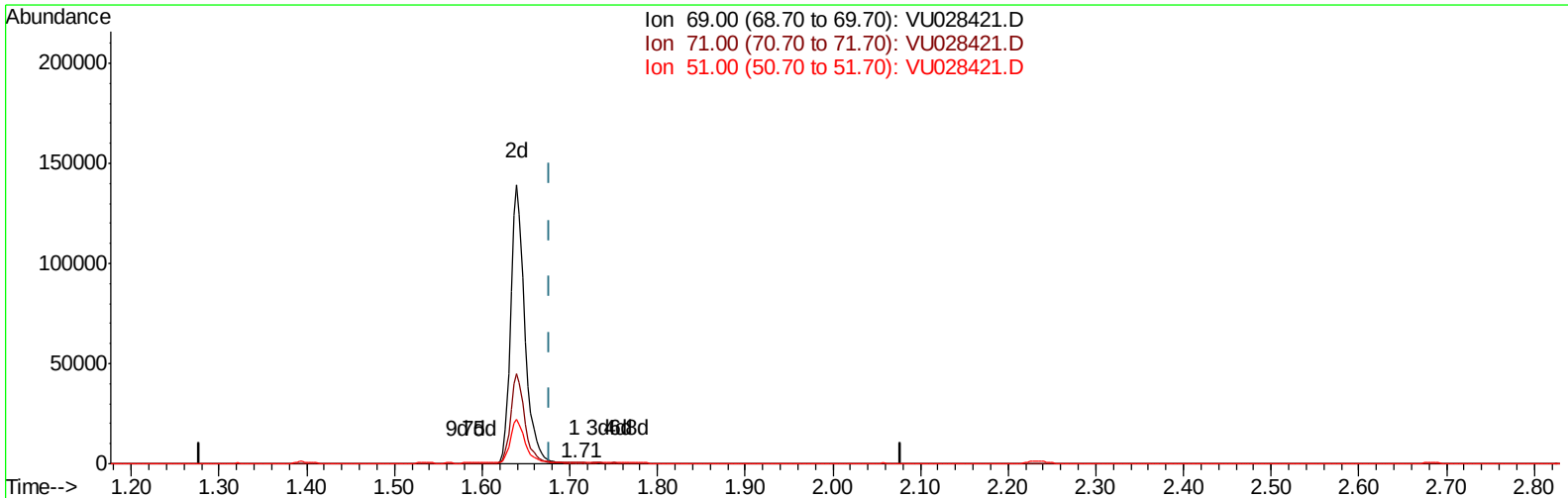
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(7) Chloroethane-d5 (S)

1.707min (+0.029) 0.17ug/L

response 608

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.00#
51.00	28.20	21.55
0.00	0.00	0.00