

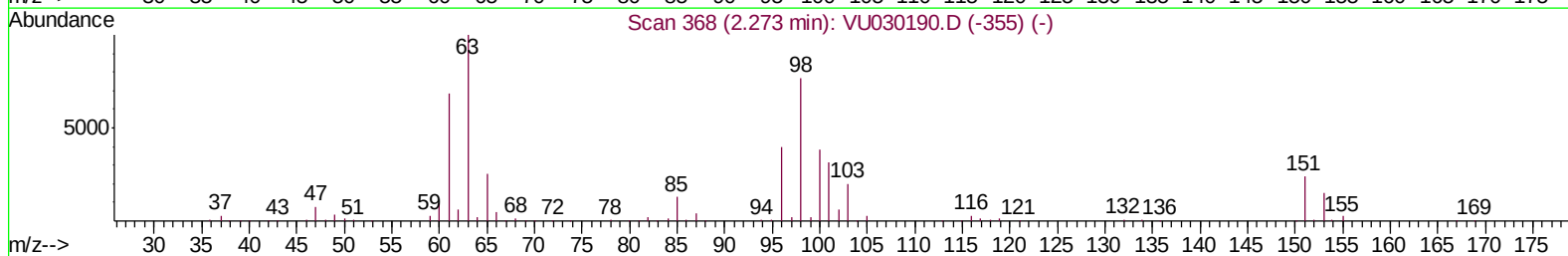
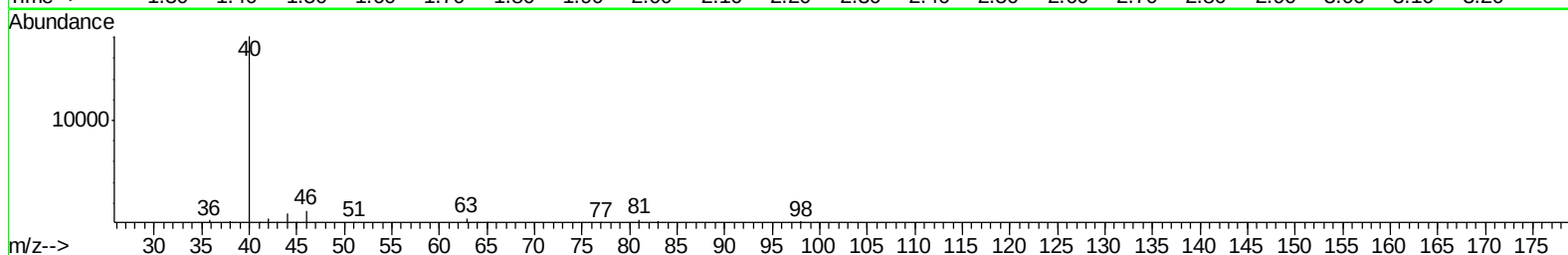
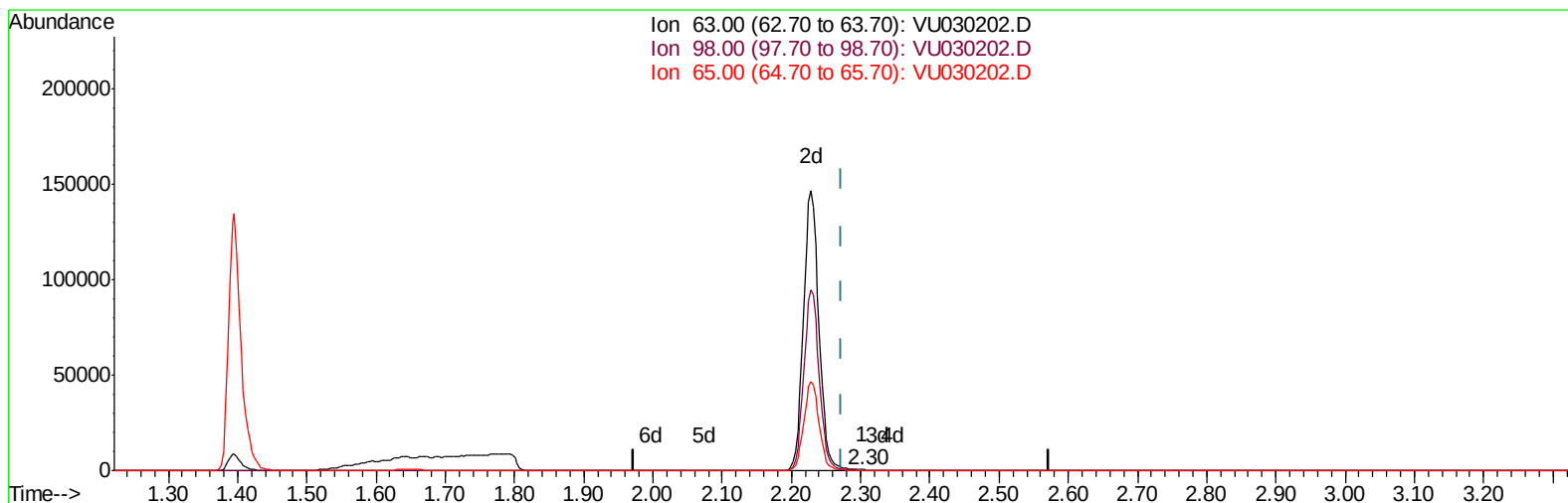
Data File : VU030202.D
Acq On : 19 Mar 2019 18:40
Operator : JC/SP
Sample : K1986-04
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B1

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:29 PM

Quant Time: Mar 20 03:03:58 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: VU030202.D

(11) 1,1-Dichloroethene-d2 (S)

2.302min (+0.029) 0.06ug/L

response 436

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.00#
65.00	23.80	0.00#
0.00	0.00	0.00

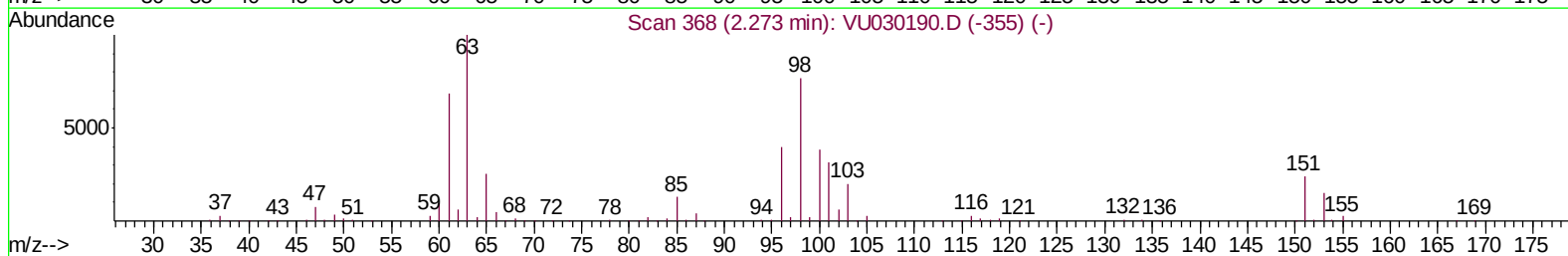
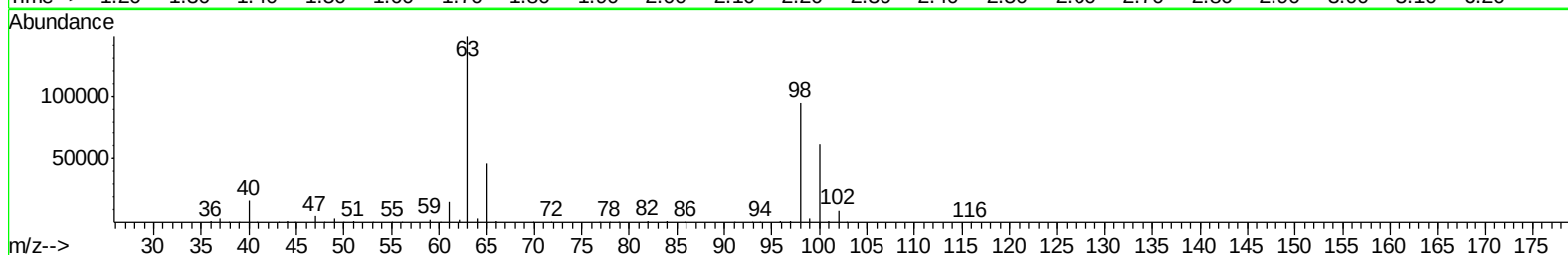
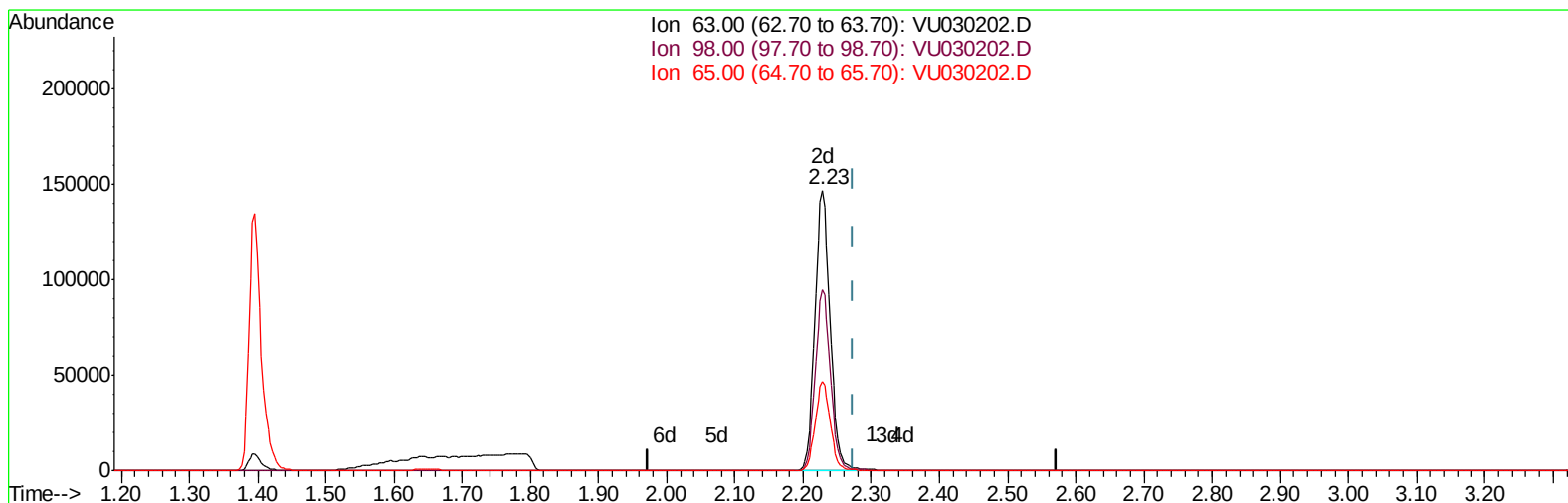
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TIC: VU030202.D

(11) 1,1-Dichloroethene-d2 (S)

2.228min (-0.045) 32.46ug/L m

response 227517

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.00#
65.00	23.80	0.00#
0.00	0.00	0.00

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Quant Time: Mar 20 04:14:45 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568195	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	305197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167364	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.12%
7) Chloroethane-d5	1.64	69	74353	24.20	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.40%#
11) 1,1-Dichloroethene-d2	2.23	63	227517m	32.46	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.92%
21) 2-Butanone-d5	4.19	46	251327	88.18	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	4.64	84	293052	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.30	65	176562	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
32) Benzene-d6	5.33	84	651662	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
36) 1,2-Dichloropropane-d6	6.32	67	201726	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.64%
41) Toluene-d8	7.56	98	593022	41.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.86%
43) trans-1,3-Dichloropropene-	7.85	79	90883	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
47) 2-Hexanone-d5	8.32	63	225273	92.22	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330310	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	266998	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%

Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	5585	1.276	ug/L	95
34) Trichloroethene	6.18	95	5571	1.268	ug/L	94

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

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