

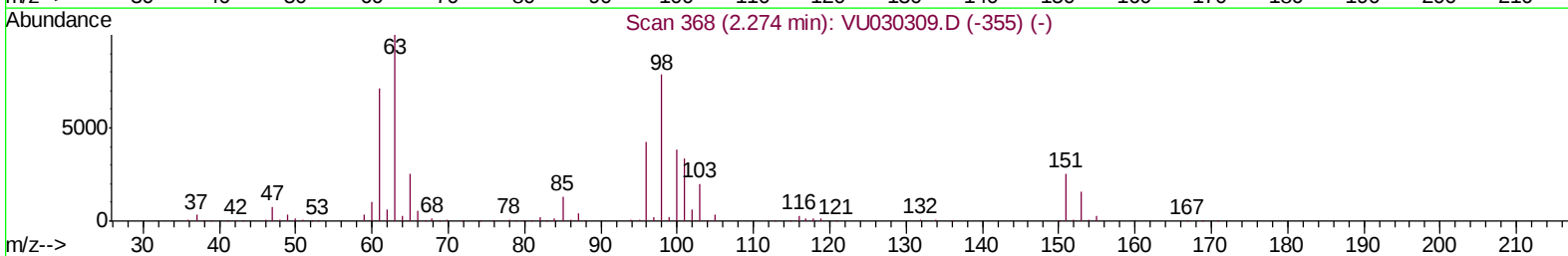
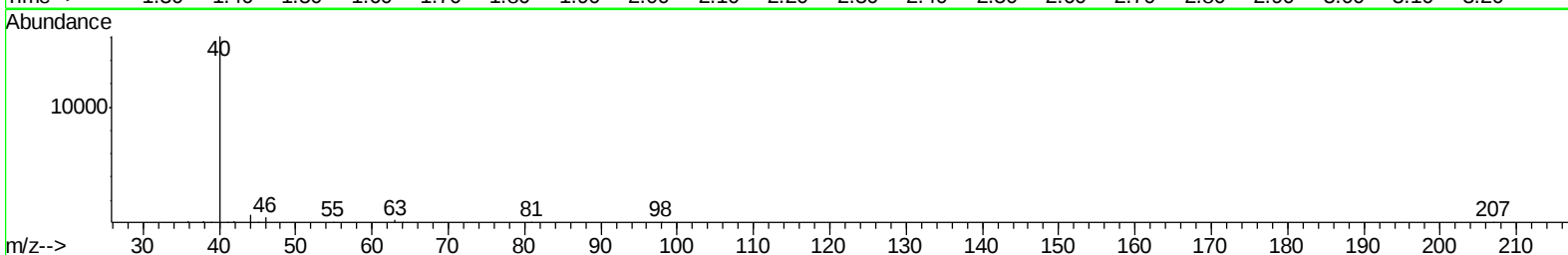
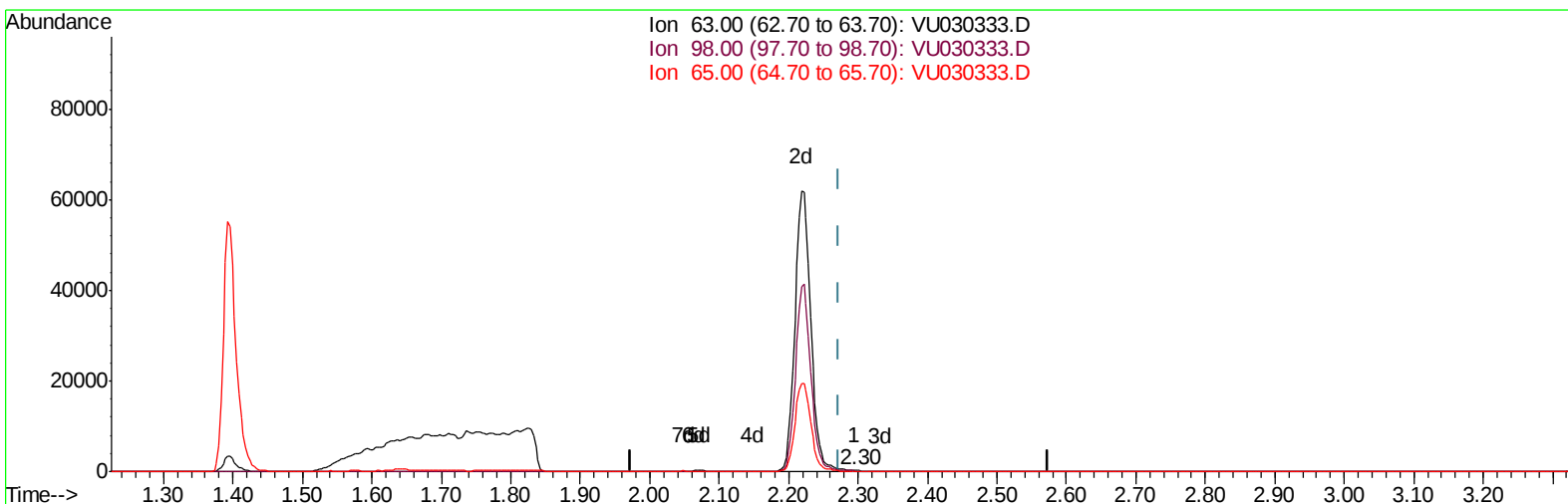
Data File : VU030333.D
Acq On : 23 Mar 2019 00:50
Operator : JC/SP
Sample : K2062-12
Misc : 5.38g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1H8

Manual Integrations
APPROVED

MMDadoda
3/23/2019 10:57:13 AM

Quant Time: Mar 23 04:43:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration



TIC: VU030333.D

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

2.296min (+0.022) 0.03ug/L

response 225

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	73.33
65.00	23.80	0.00#
0.00	0.00	0.00

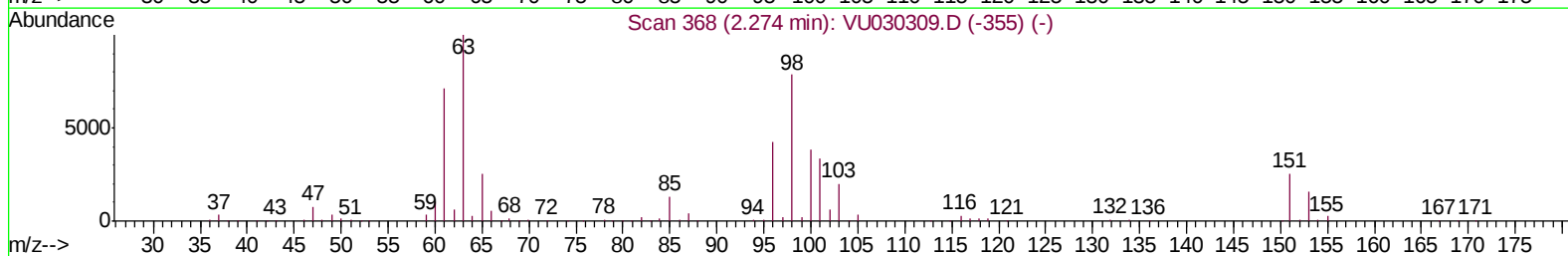
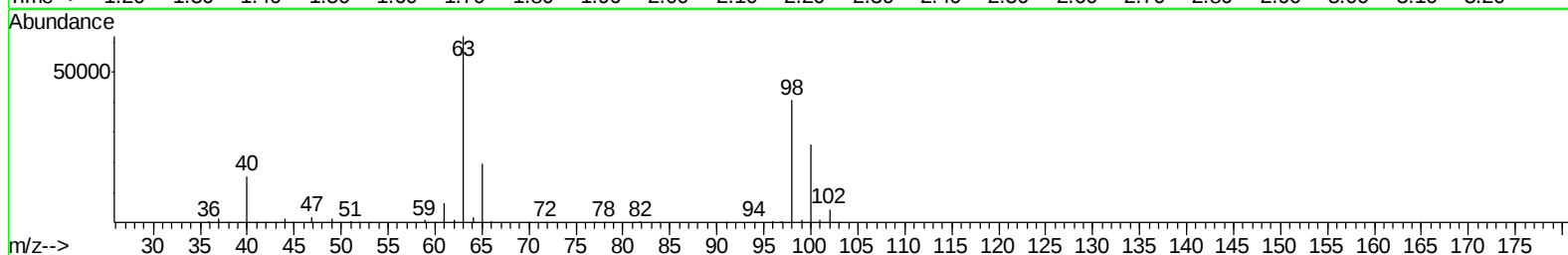
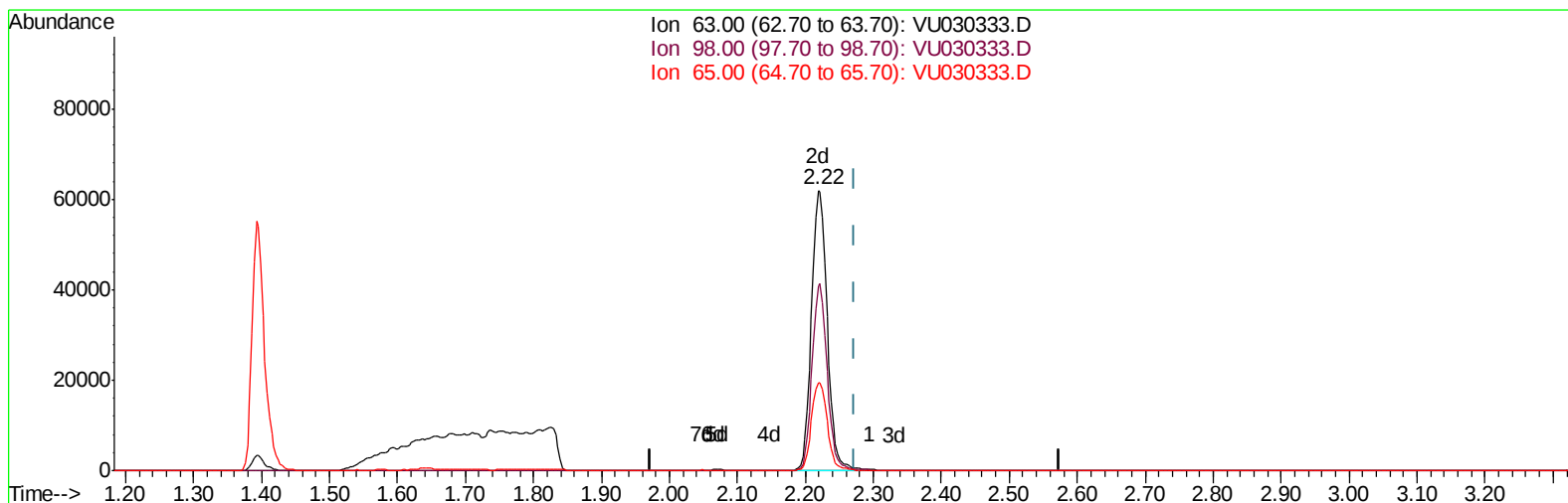
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TIC: VU030333.D

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

2.219min (-0.055) 14.38ug/L m

response 98681

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.17#
65.00	23.80	0.00#
0.00	0.00	0.00

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3/23/2019 10:57:13 AM

Quant Time: Mar 23 05:58:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	556417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	545865	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	272893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70519	18.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	37.48%#
7) Chloroethane-d5	1.64	69	32666	10.86	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.72%#
11) 1,1-Dichloroethene-d2	2.22	63	98681m	14.38	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.76%#
21) 2-Butanone-d5	4.20	46	144262	51.68	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.68%
24) Chloroform-d	4.64	84	152162	22.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	44.08%#
26) 1,2-Dichloroethane-d4	5.30	65	95199	24.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.34%#
32) Benzene-d6	5.33	84	313016	21.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.52%#
36) 1,2-Dichloropropane-d6	6.32	67	104589	23.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	47.00%#
41) Toluene-d8	7.56	98	269145	19.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	39.80%#
43) trans-1,3-Dichloropropene-	7.85	79	44531	20.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.10%#
47) 2-Hexanone-d5	8.33	63	116001	50.26	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	50.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	181458	26.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	53.16%#
64) 1,2-Dichlorobenzene-d4	11.86	152	131210	23.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.90%#

Target Compounds Qvalue

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

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