

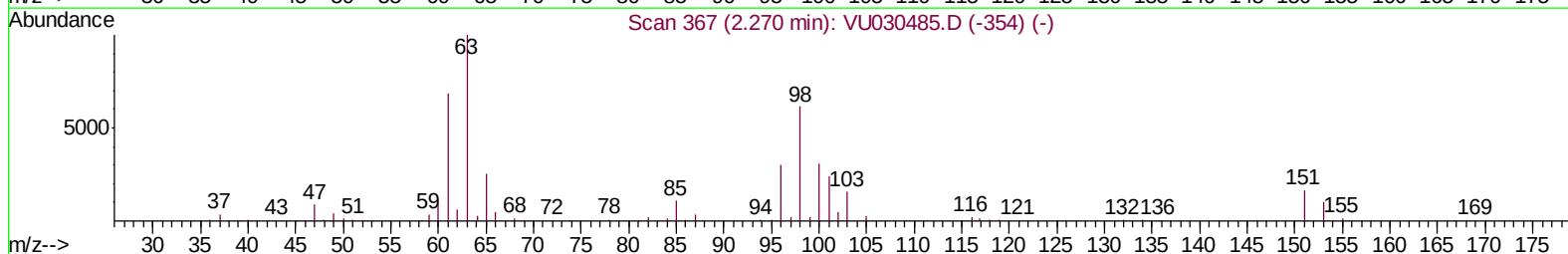
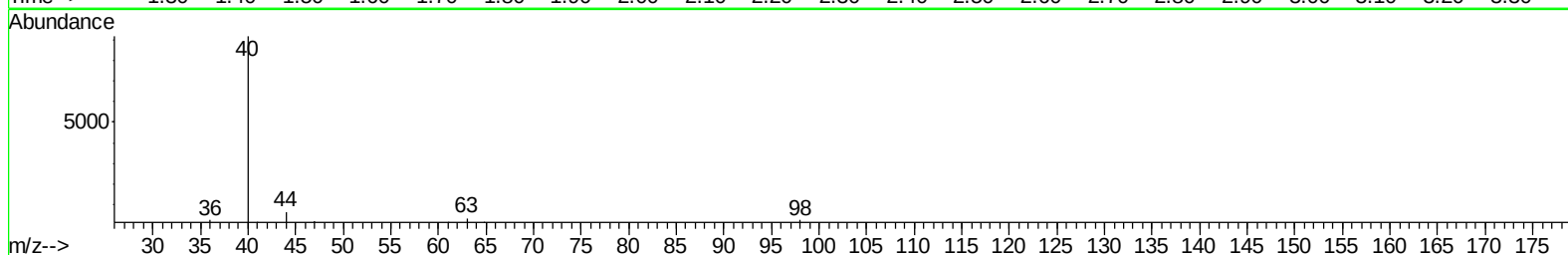
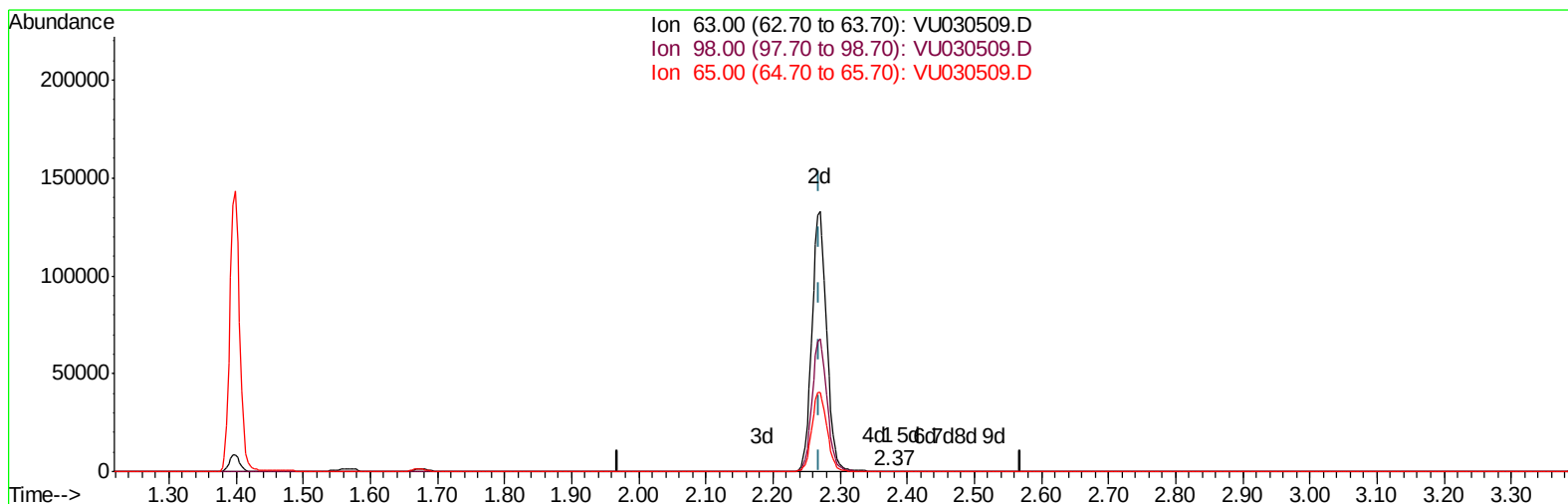
Data File : VU030509.D
Acq On : 28 Mar 2019 01:24
Operator : JC/SP
Sample : K2128-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1H2

Manual Integrations
APPROVED

MMDadoda
3/28/2019 11:00:55 AM

Quant Time: Mar 28 02:52:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration



TIC: VU030509.D

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

2.373min (+0.103) 0.06ug/L

response 375

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	80.00
65.00	23.30	18.67
0.00	0.00	0.00

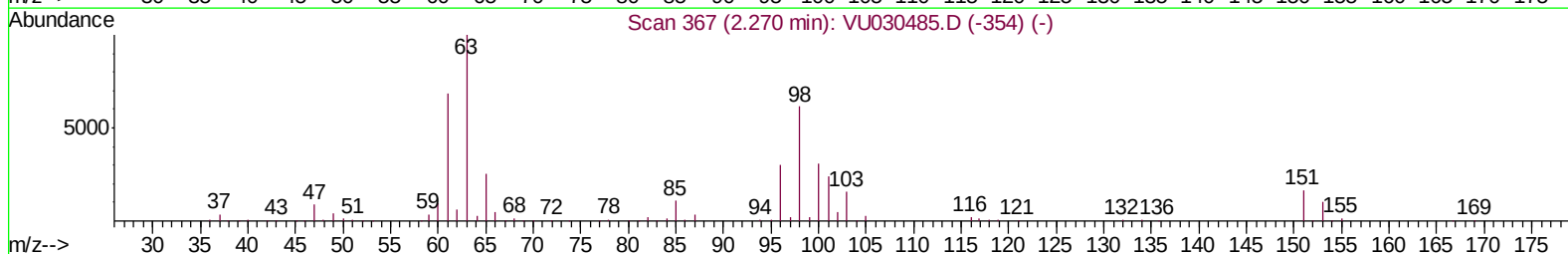
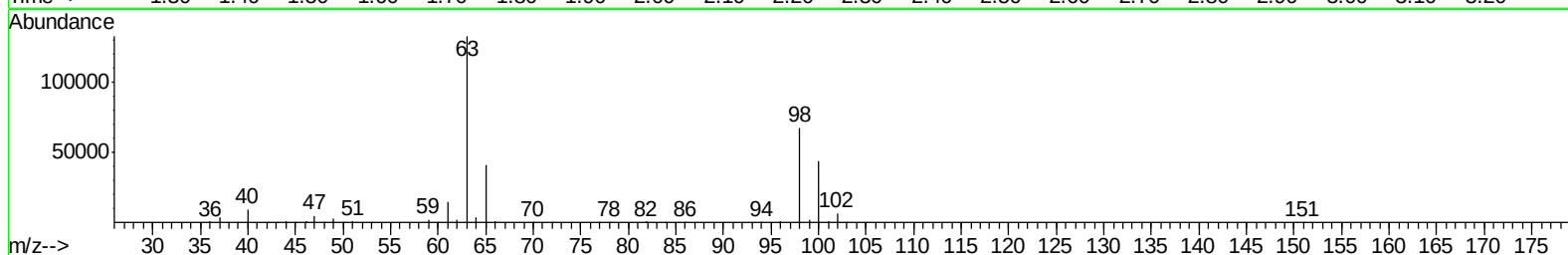
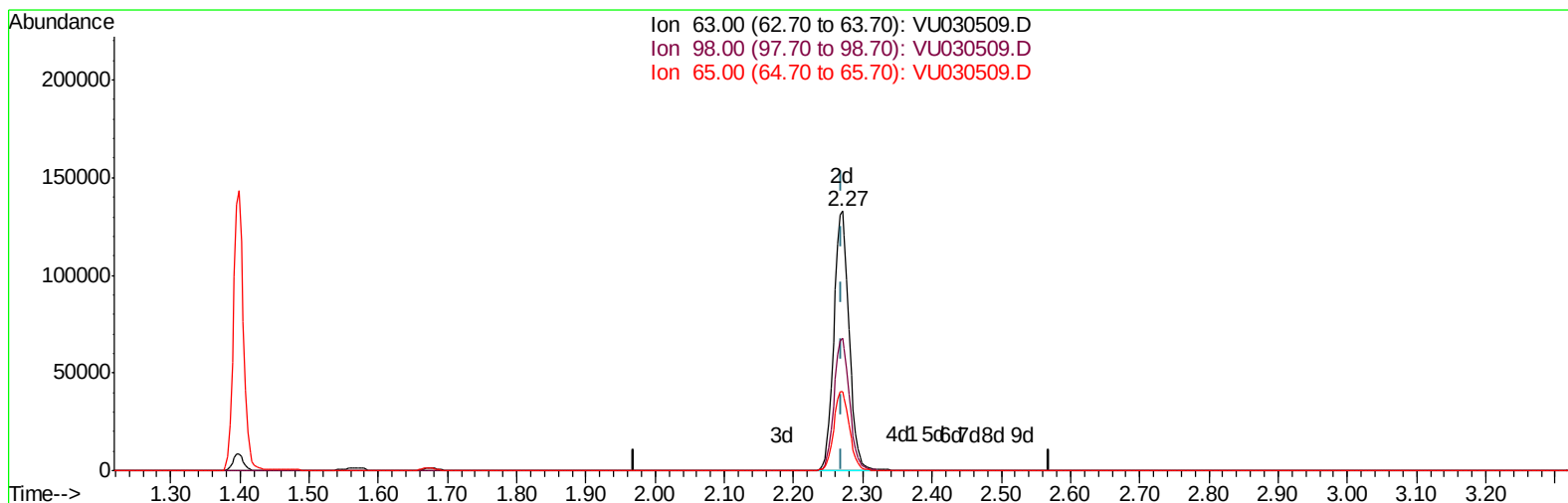
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TIC: VU030509.D

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

2.270min (-0.000) 33.27ug/L m

response 201679

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.15#
65.00	23.30	0.03#
0.00	0.00	0.00

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Quant Time: Mar 28 04:44:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	397048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367899	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144374	45.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.36%		
7) Chloroethane-d5	1.67	69	116856	46.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.28%		
11) 1,1-Dichloroethene-d2	2.27	63	201679m	33.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.54%		
21) 2-Butanone-d5	4.17	46	273640	91.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.10%		
24) Chloroform-d	4.64	84	245673	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.24%		
26) 1,2-Dichloroethane-d4	5.31	65	167262	46.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.86%		
32) Benzene-d6	5.34	84	496194	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.06%		
36) 1,2-Dichloropropane-d6	6.33	67	174840	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.88%		
41) Toluene-d8	7.56	98	420213	44.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.70%		
43) trans-1,3-Dichloropropene-	7.85	79	75841	44.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.36%		
47) 2-Hexanone-d5	8.31	63	177242	90.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.61%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	238050	46.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.18%		
64) 1,2-Dichlorobenzene-d4	11.86	152	137391	47.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.84%		

Target Compounds Qvalue

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

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