

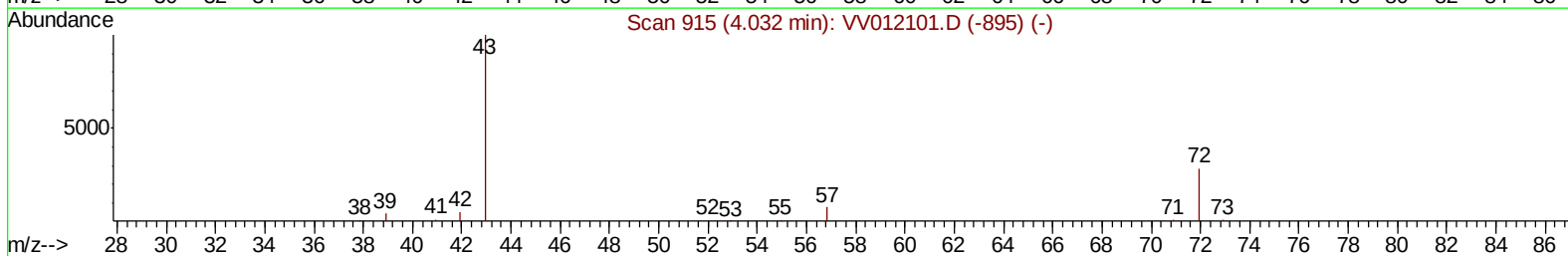
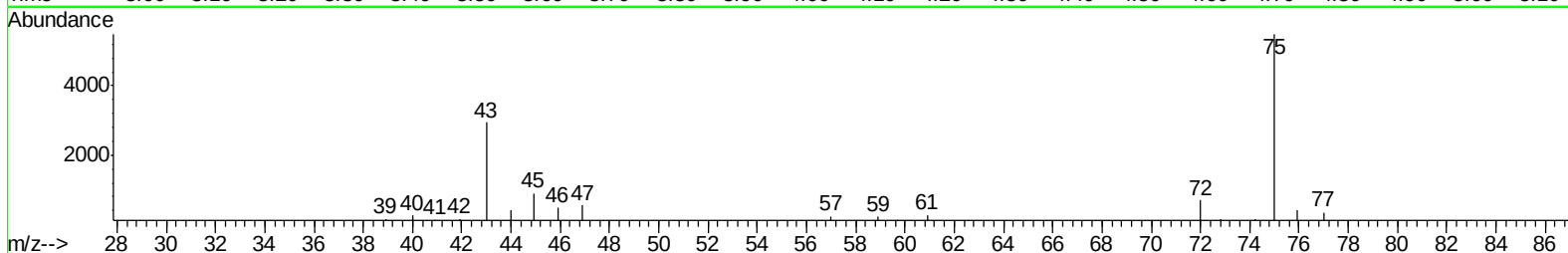
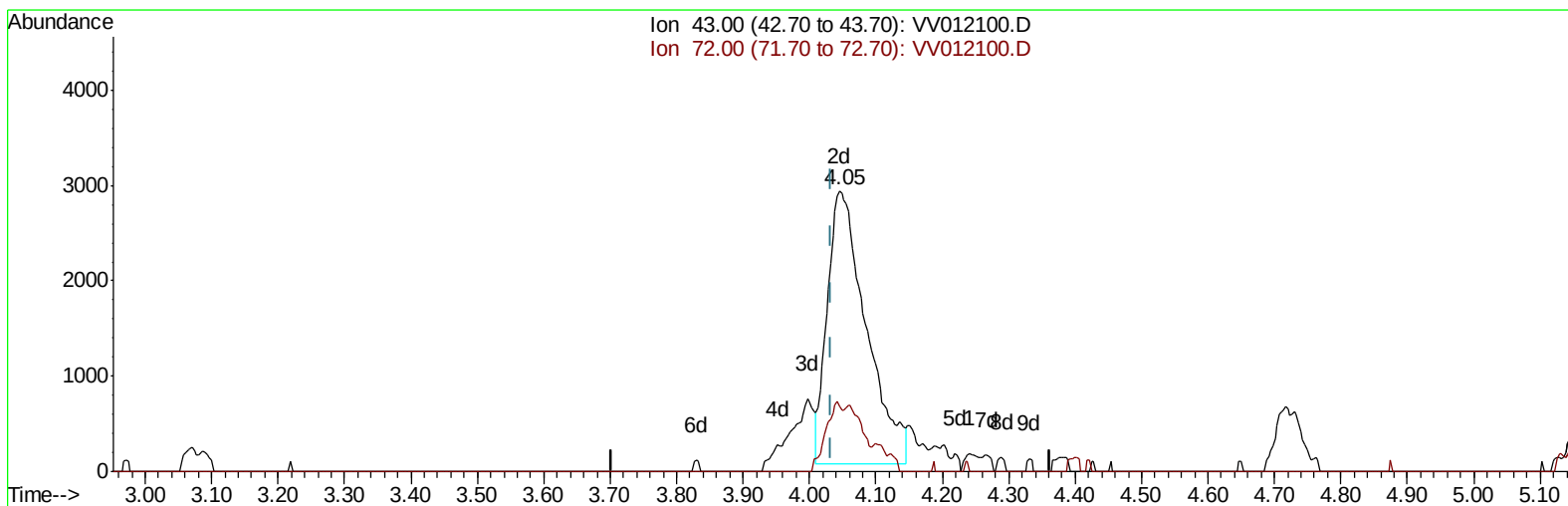
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV080319\
Data File : VV012100.D
Acq On : 03 Aug 2019 10:04
Operator : SY/MD
Sample : VSTD00562
Misc : 5gm/10ml/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations
APPROVED

SAM
8/5/2019 12:14:00 PM

Quant Time: Aug 05 07:48:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM080319S.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 05 07:43:09 2019
Response via : Initial Calibration



TIC: VV012100.D

(21) 2-Butanone

4.045min (+0.013) 9.31ug/L m

response 11502

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	0.37#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : VOC Analysis

QLast Update : Mon Aug 05 07:43:09 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186622	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	97146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7928	3.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	6563	3.62	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	16955	3.51	ug/L	0.00
20) 2-Butanone-d5	3.96	46	10023m	10.91	ug/L	0.01
24) Chloroform-d	4.40	84	24224	5.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	15101	5.13	ug/L	0.00
29) Benzene-d6	5.10	84	45701	4.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	12464	4.34	ug/L	0.00
37) Toluene-d8	7.36	98	46552	5.29	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	7202	5.24	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	7108	10.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14657	5.50	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	19694	5.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17480	5.798 ug/L	99
3) Chloromethane	1.25	50	10068	3.737 ug/L	99
5) Vinyl chloride	1.32	62	9693	3.593 ug/L	94
6) Bromomethane	1.53	94	6229	4.162 ug/L	93
8) Chloroethane	1.60	64	5705	3.669 ug/L	99
9) Trichlorofluoromethane	1.77	101	18959	4.690 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9065	4.209 ug/L	99
12) 1,1-Dichloroethene	2.14	96	8175	4.138 ug/L	80
13) Acetone	2.22	43	13166	12.128 ug/L	71
14) Carbon disulfide	2.31	76	33508	5.035 ug/L	98
15) Methyl Acetate	2.47	43	6770	4.340 ug/L	92
16) Methylene chloride	2.53	84	13001	4.691 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	32925	4.641 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	12380	4.907 ug/L	95
19) 1,1-Dichloroethane	3.23	63	20235	4.279 ug/L	96
21) 2-Butanone	4.05	43	11502m	9.305 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	13504	4.834 ug/L	92
23) Bromochloromethane	4.30	128	6617	5.242 ug/L #	97
25) Chloroform	4.42	83	23315	4.557 ug/L	98
27) 1,2-Dichloroethane	5.18	62	17245	4.754 ug/L	95
30) Cyclohexane	4.72	56	17949	4.102 ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	22271	5.551 ug/L	99
32) Carbon tetrachloride	4.87	117	20972	6.015 ug/L	99
34) Benzene	5.15	78	47273	4.758 ug/L	100
35) Trichloroethene	5.96	95	12897	4.838 ug/L	91
36) Methylcyclohexane	6.17	83	22352	5.000 ug/L	99
40) 1,2-Dichloropropane	6.22	63	10794	4.203 ug/L #	90
41) Bromodichloromethane	6.55	83	16778	4.854 ug/L	95
42) cis-1,3-Dichloropropene	7.07	75	19691	4.729 ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	20138	8.587 ug/L	97

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 QLast Update : Mon Aug 05 07:43:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	51574	4.709	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	16873	4.733	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	9807	4.725	ug/L	97
47) Tetrachloroethene	8.02	164	13161	6.334	ug/L	91
49) 2-Hexanone	8.19	43	15194	8.812	ug/L	99
50) Dibromochloromethane	8.29	129	13884	5.697	ug/L	97
51) 1,2-Dibromoethane	8.40	107	11349	5.520	ug/L	98
52) Chlorobenzene	8.92	112	35791	5.045	ug/L	99
53) Ethylbenzene	9.05	91	60541	4.825	ug/L	99
54) m,p-Xylene	9.18	106	23969	5.075	ug/L	97
55) o-xylene	9.59	106	21982	4.758	ug/L	99
56) Styrene	9.60	104	37905	4.882	ug/L	99
57) Isopropylbenzene	9.97	105	60350	4.871	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	13677	4.881	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	10883	5.099	ug/L	99
62) Bromoform	9.77	173	9776	6.112	ug/L	96
63) 1,3-Dichlorobenzene	11.22	146	31208	4.995	ug/L	97
64) 1,4-Dichlorobenzene	11.31	146	31585	4.991	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	29283	4.977	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	3199	5.361	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	26897	5.630	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	22017	5.650	ug/L	98
69) Naphthalene	13.55	128	39950	5.085	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	20435	5.630	ug/L	96

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

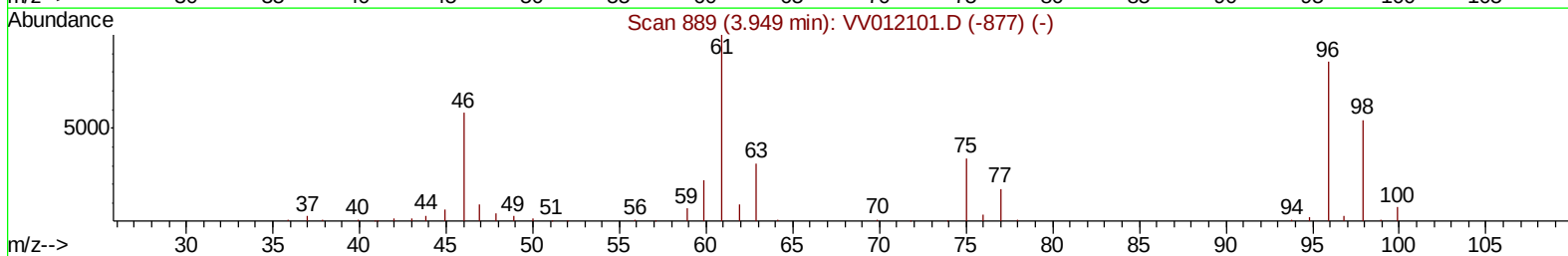
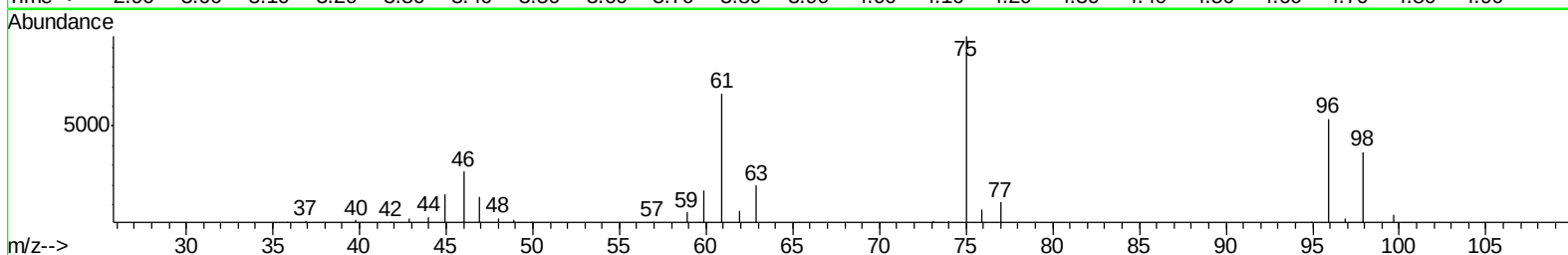
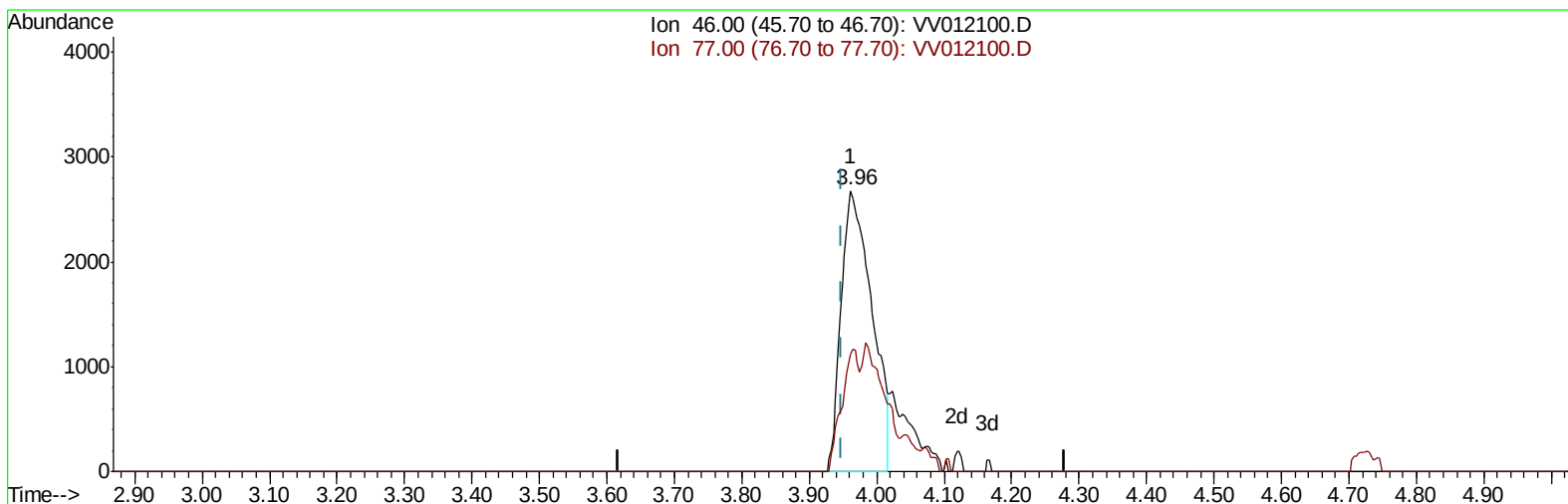
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(20) 2-Butanone-d5 (S)

3.962min (+0.013) 9.22ug/L

response 8464

Ion	Exp%	Act%
46.00	100	100
77.00	31.90	24.53
0.00	0.00	0.00
0.00	0.00	0.00

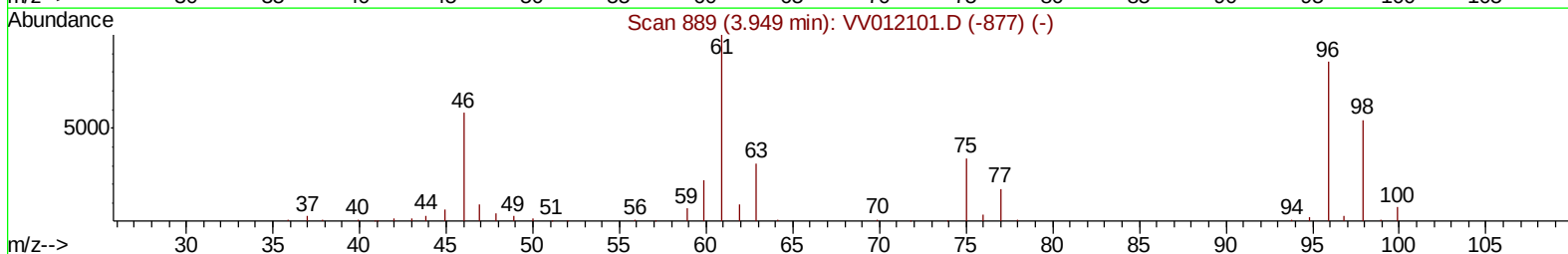
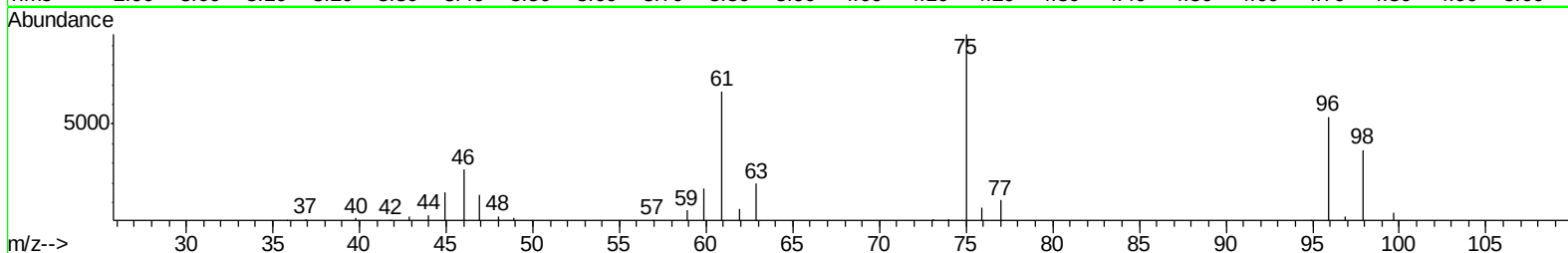
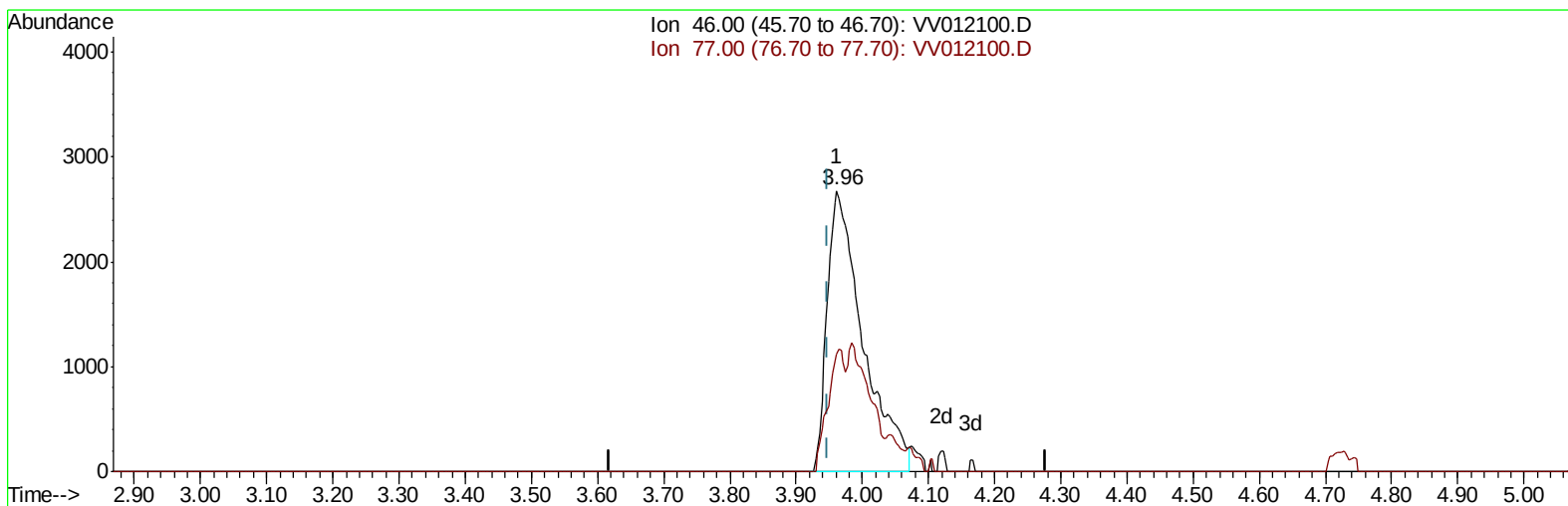
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TIC: VV012100.D

(20) 2-Butanone-d5 (S)

3.962min (+0.013) 10.91ug/L m

response 10023

Ion	Exp%	Act%
46.00	100	100
77.00	31.90	20.71#
0.00	0.00	0.00
0.00	0.00	0.00

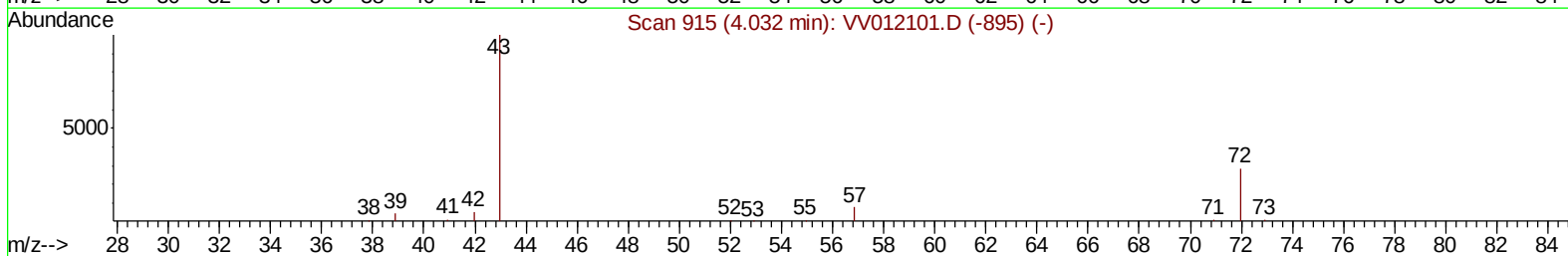
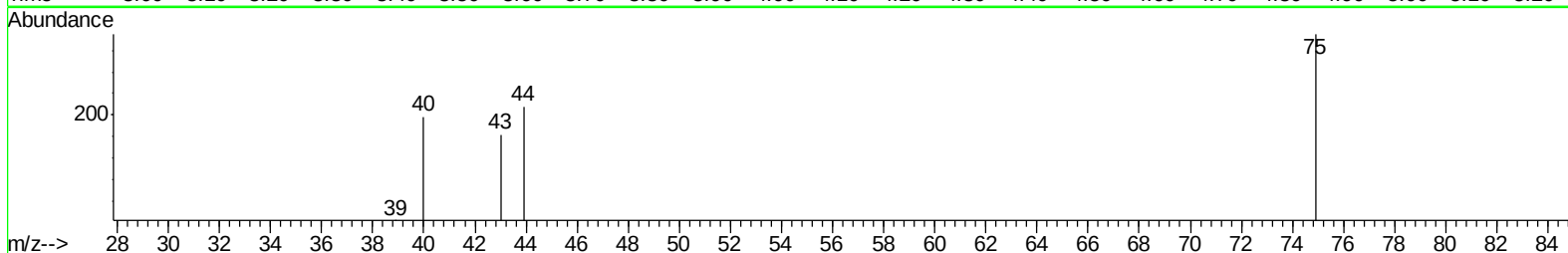
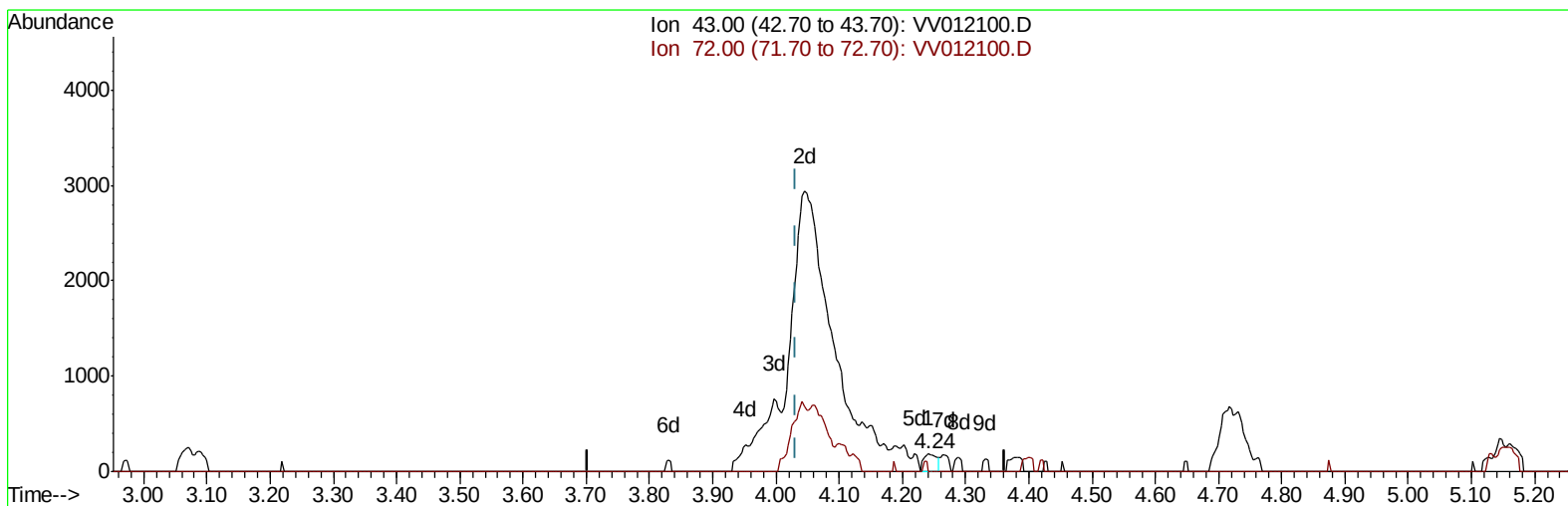
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TIC: VV012100.D

(21) 2-Butanone

4.241min (+0.209) 0.22ug/L

response 272

Ion	Exp%	Act%
43.00	100	100
72.00	27.20	15.44
0.00	0.00	0.00
0.00	0.00	0.00