

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120220\
 Data File : VW017516.D
 Acq On : 02 Dec 2020 09:46
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5102

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 12:05:39 PM

Quant Time: Dec 02 11:32:34 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M

Quant Title : SFAM01.0

QLast Update : Wed Dec 02 11:09:31 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	532680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	491517	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	245549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	19070	3.72	ug/L	0.00
7) Chloroethane-d5	2.90	69	14847	3.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.04	63	38961	3.43	ug/L	0.01
21) 2-Butanone-d5	7.09	46	9513	7.46	ug/L	0.00
24) Chloroform-d	7.65	84	38698	3.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	20785	3.63	ug/L	0.00
32) Benzene-d6	8.28	84	72367	3.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	20838	3.28	ug/L	0.00
41) Toluene-d8	10.33	98	63682	2.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.59	79	8969	3.19	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	4889	5.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	16337	3.26	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	24348	3.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	11733m	1.974 ug/L	
3) Chloromethane	2.22	50	12530	2.410 ug/L	95
5) Vinyl chloride	2.37	62	17226	2.667 ug/L	98
6) Bromomethane	2.79	94	12039	2.381 ug/L	99
8) Chloroethane	2.93	64	10781	2.440 ug/L	93
9) Trichlorofluoromethane	3.27	101	15268	2.844 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	19862m	2.778 ug/L	
12) 1,1-Dichloroethene	4.05	96	18312	2.723 ug/L	98
13) Acetone	4.14	43	6826	6.118 ug/L	95
14) Carbon disulfide	4.40	76	50331	2.685 ug/L	97
15) Methyl Acetate	4.68	43	6244	2.711 ug/L #	80
16) Methylene chloride	4.92	84	25936m	3.390 ug/L	
17) trans-1,2-Dichloroethene	5.43	96	18315	2.554 ug/L	98
18) Methyl tert-butyl Ether	5.43	73	20382	2.654 ug/L #	83
19) 1,1-Dichloroethane	6.23	63	31884	2.818 ug/L	98
20) cis-1,2-Dichloroethene	7.18	96	18878	2.569 ug/L	94
22) 2-Butanone	7.18	43	11635m	7.637 ug/L	
23) Bromochloromethane	7.52	128	9201	2.652 ug/L	89
25) Chloroform	7.68	83	34256	2.816 ug/L	92
27) 1,2-Dichloroethane	8.40	62	21235	2.895 ug/L	100
29) Cyclohexane	7.96	56	25538	2.515 ug/L	97
30) 1,1,1-Trichloroethane	7.88	97	29283	2.830 ug/L	97
31) Carbon tetrachloride	8.07	117	27582	2.738 ug/L	100
33) Benzene	8.32	78	71525	2.703 ug/L	100
34) Trichloroethene	9.10	95	20298	2.714 ug/L	95
35) Methylcyclohexane	9.34	83	30274	2.450 ug/L	93
37) 1,2-Dichloropropane	9.37	63	17724	2.893 ug/L #	97
38) Bromodichloromethane	9.65	83	24317	2.837 ug/L	99
39) cis-1,3-Dichloropropene	10.08	75	25211	2.612 ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	19284	6.094 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.39	91	74835	2.564	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	22375	2.696	ug/L	92
45) 1,1,2-Trichloroethane	10.79	97	13645	2.756	ug/L	98
46) Tetrachloroethene	10.87	164	16430	2.443	ug/L	93
48) 2-Hexanone	10.97	43	11074	5.157	ug/L	94
49) Dibromochloromethane	11.13	129	15854	2.596	ug/L	90
50) 1,2-Dibromoethane	11.24	107	13083	2.752	ug/L #	90
51) Chlorobenzene	11.66	112	52104	2.669	ug/L	98
52) Ethylbenzene	11.73	91	83385	2.532	ug/L	99
53) m,p-Xylene	11.84	106	31175	2.446	ug/L	89
54) o-Xylene	12.17	106	29491	2.442	ug/L	96
55) Styrene	12.18	104	48724	2.415	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	15826	2.909	ug/L #	98
59) Bromoform	12.35	173	9370	2.650	ug/L #	96
60) Isopropylbenzene	12.46	105	78250	2.422	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	12116	3.076	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	61650	2.308	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	58852	2.319	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	39207	2.518	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	41163	2.659	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	37396	2.753	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.48	75	2678	3.198	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	28222	2.467	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	23163	2.515	ug/L	96
71) Naphthalene	15.36	128	35014	2.322	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	20263	2.568	ug/L	96

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

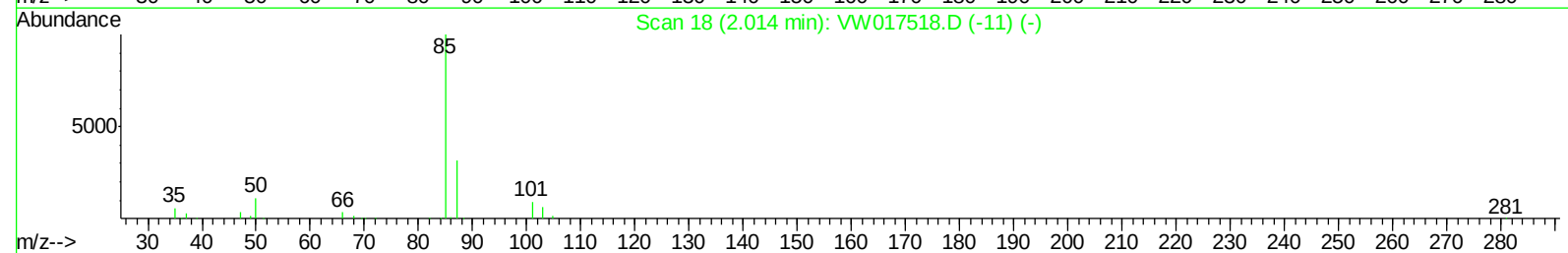
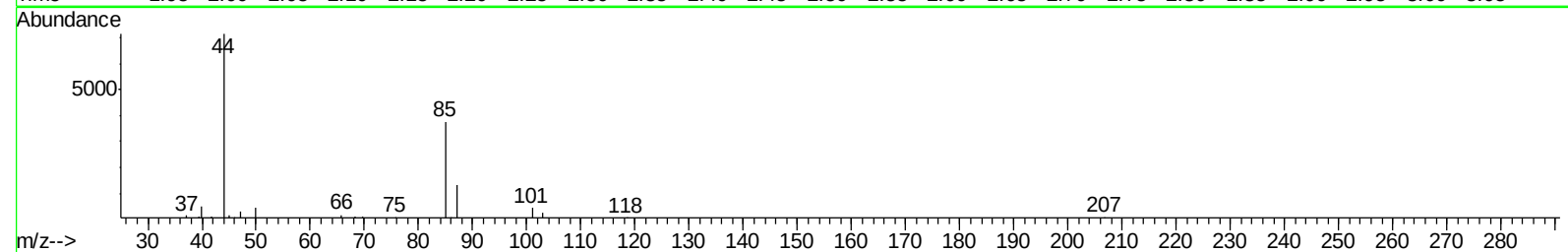
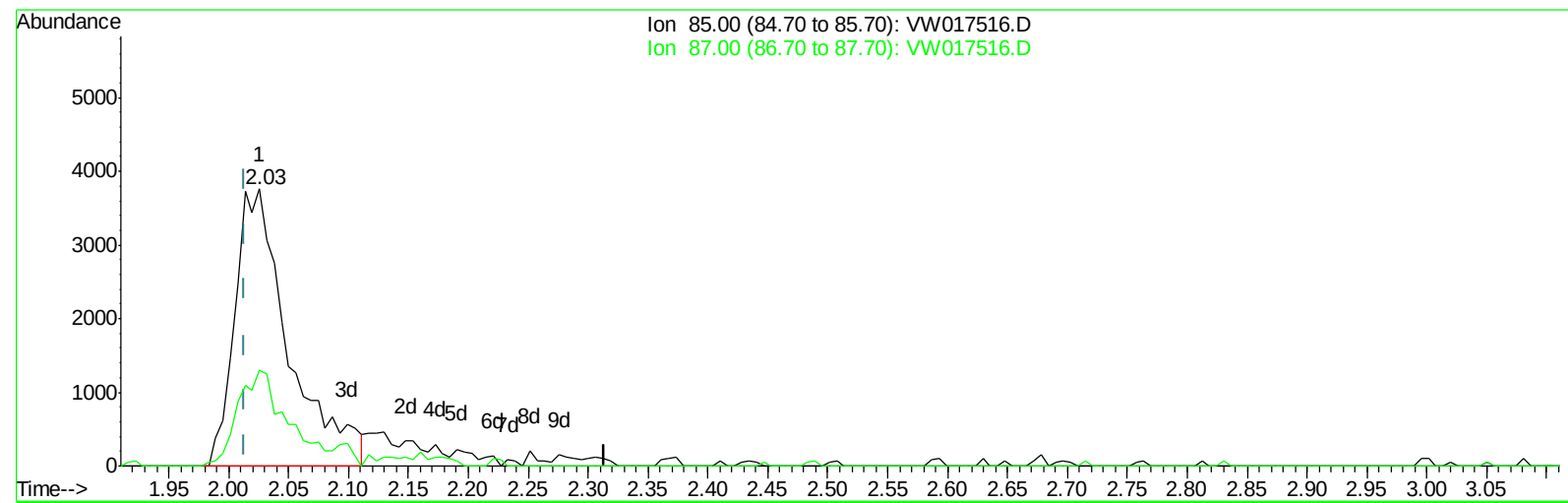
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TIC: VW017516.D

(2) Dichlorodifluoromethane (T)

2.026min (+0.012) 1.97ug/L m

response 11733

Ion	Exp%	Act%
85.00	100	100
87.00	35.60	29.59
0.00	0.00	0.00
0.00	0.00	0.00

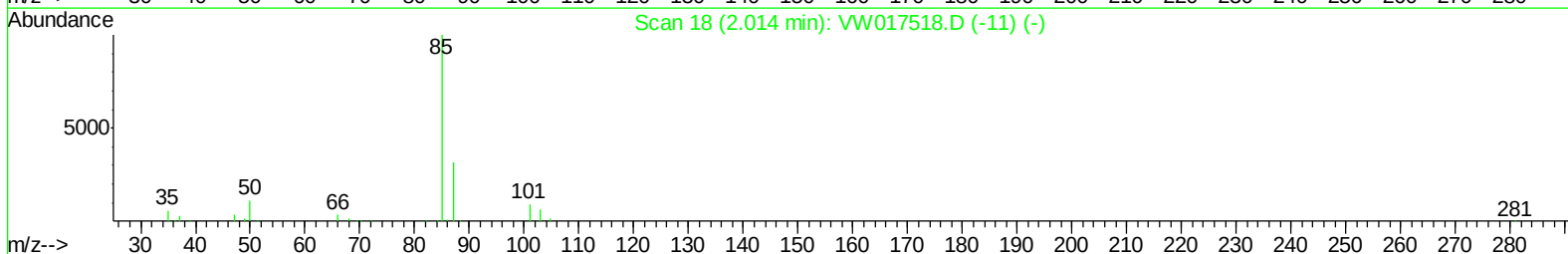
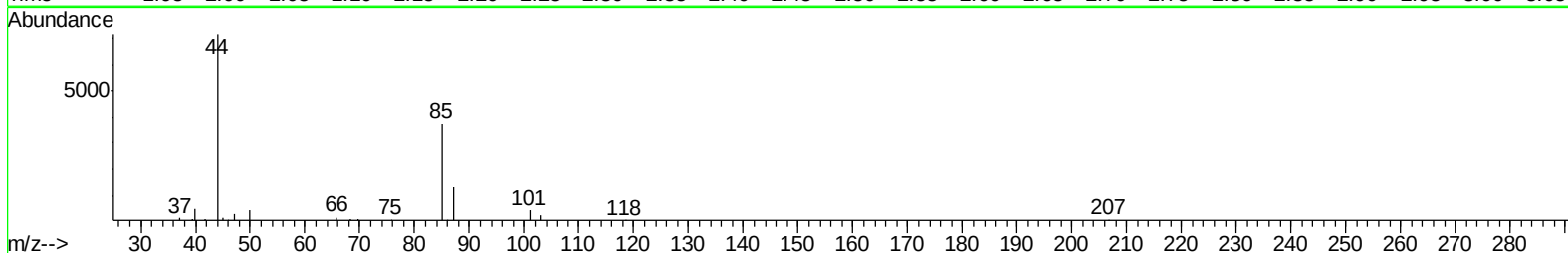
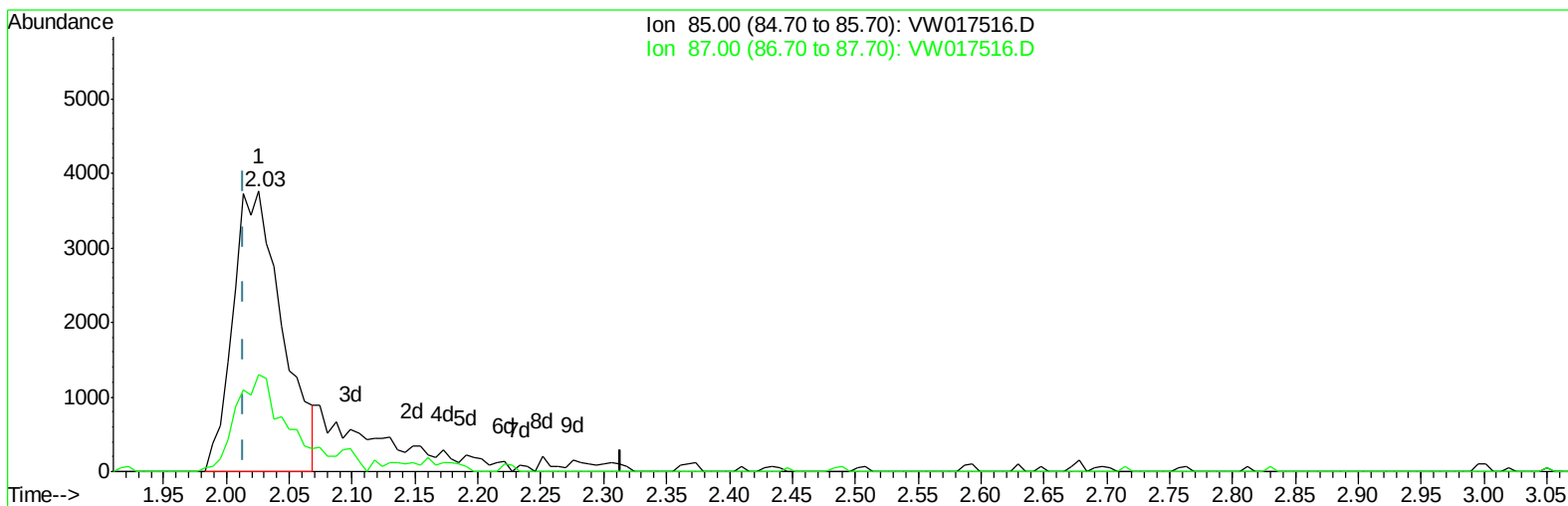
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TIC: VW017516.D

(2) Dichlorodifluoromethane (T)

2.026min (+0.012) 1.73ug/L

response 10268

Ion	Exp%	Act%
85.00	100	100
87.00	35.60	33.81
0.00	0.00	0.00
0.00	0.00	0.00

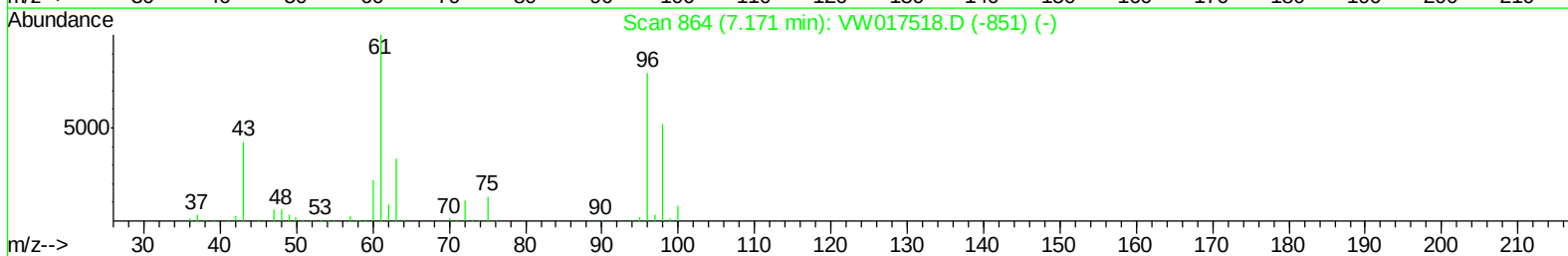
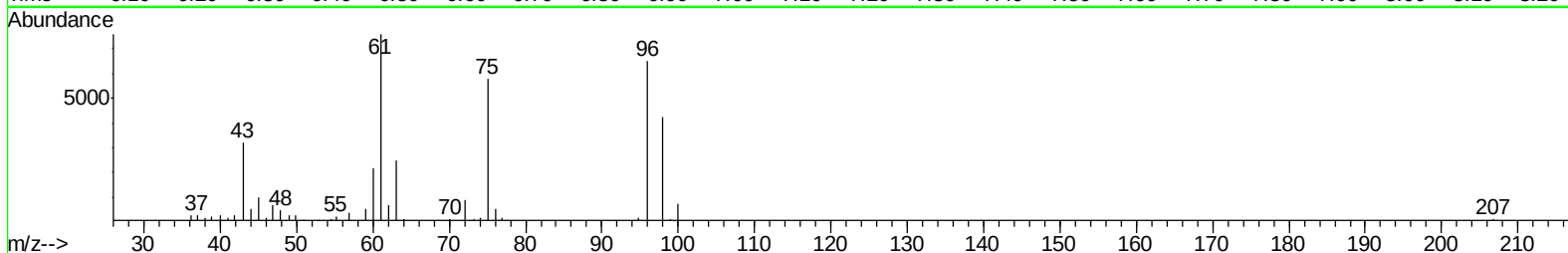
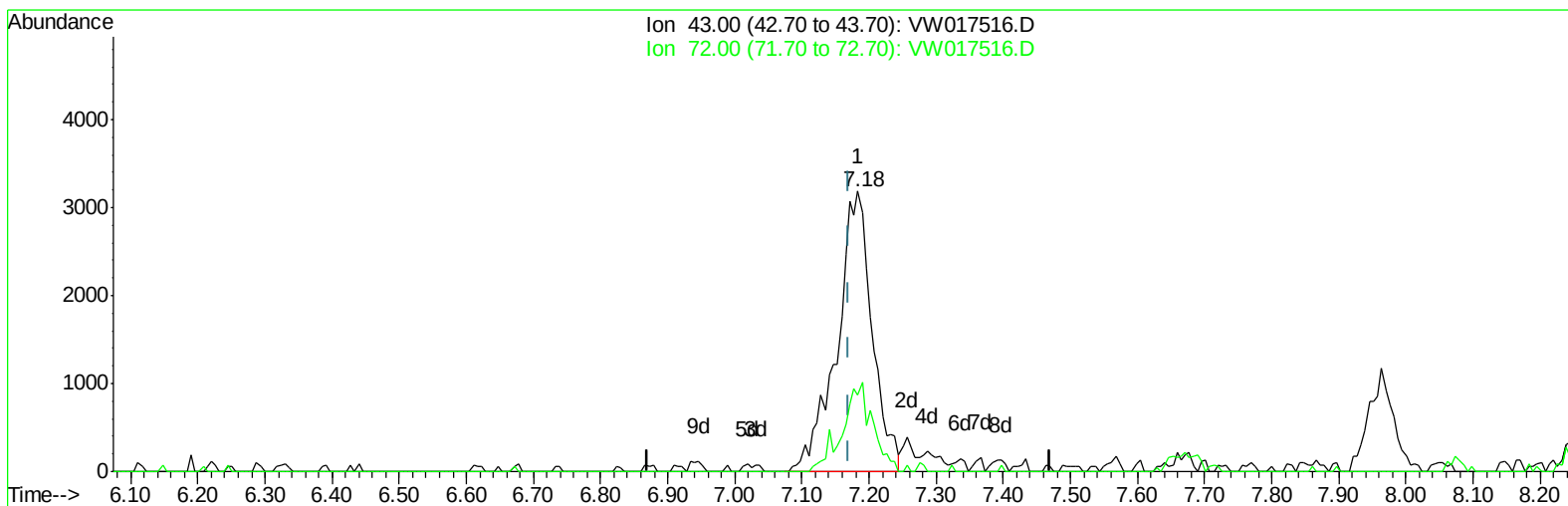
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TIC: VW017516.D

(22) 2-Butanone (T)

7.183min (+0.012) 7.64ug/L m

response 11635

Ion	Exp%	Act%
43.00	100	100
72.00	14.10	11.35
0.00	0.00	0.00
0.00	0.00	0.00

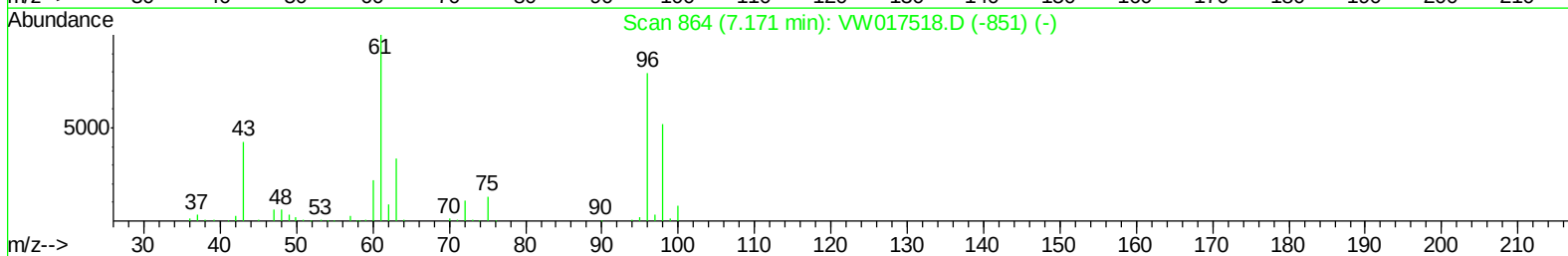
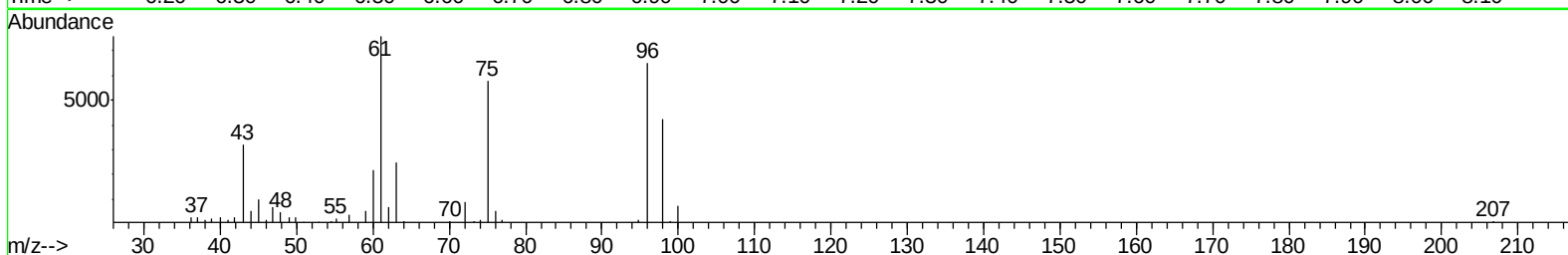
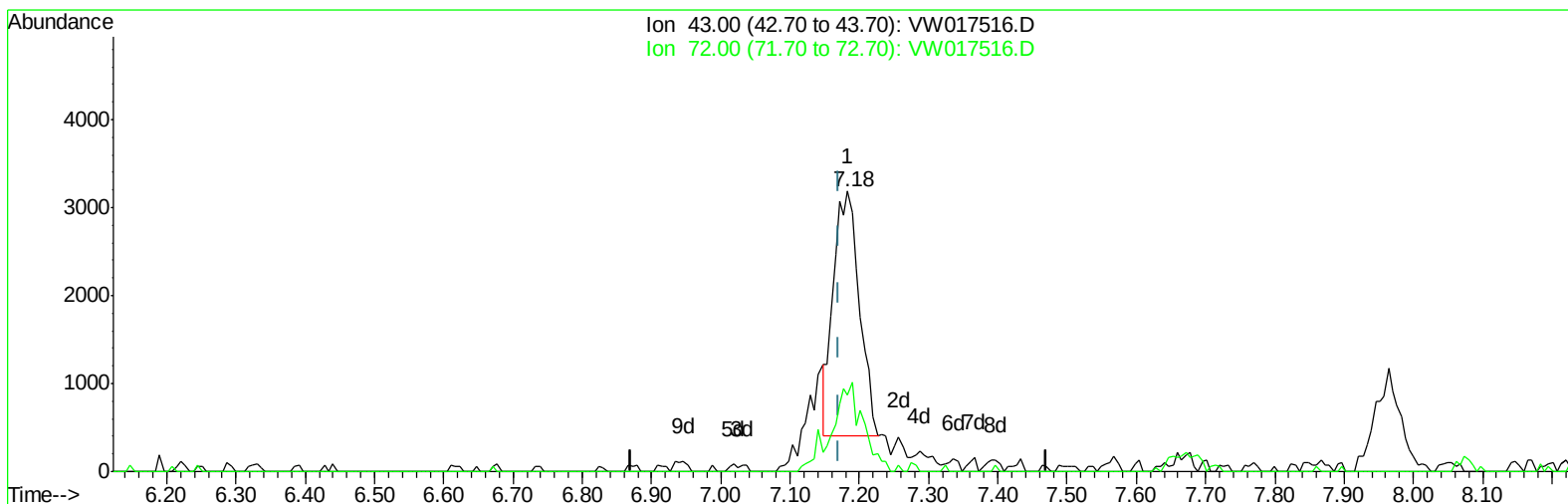
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TIC: VW017516.D

(22) 2-Butanone (T)
 7.183min (+0.012) 4.78ug/L

response 7280

Ion	Exp%	Act%
43.00	100	100
72.00	14.10	18.15
0.00	0.00	0.00
0.00	0.00	0.00

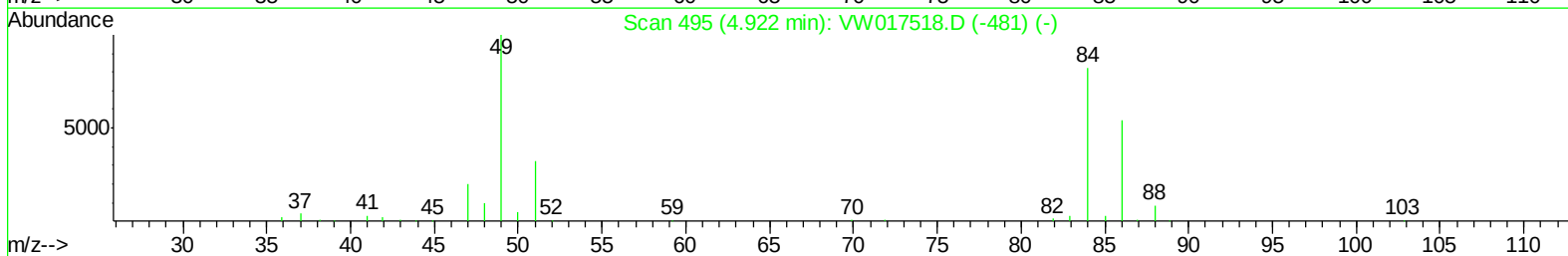
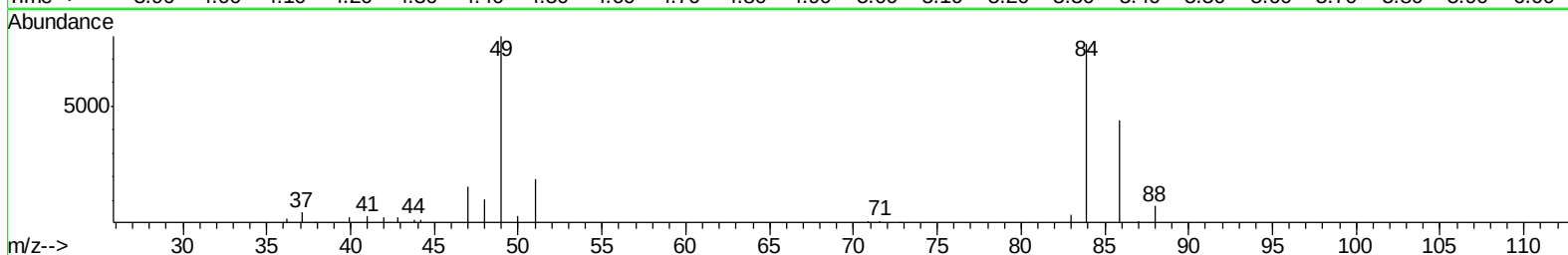
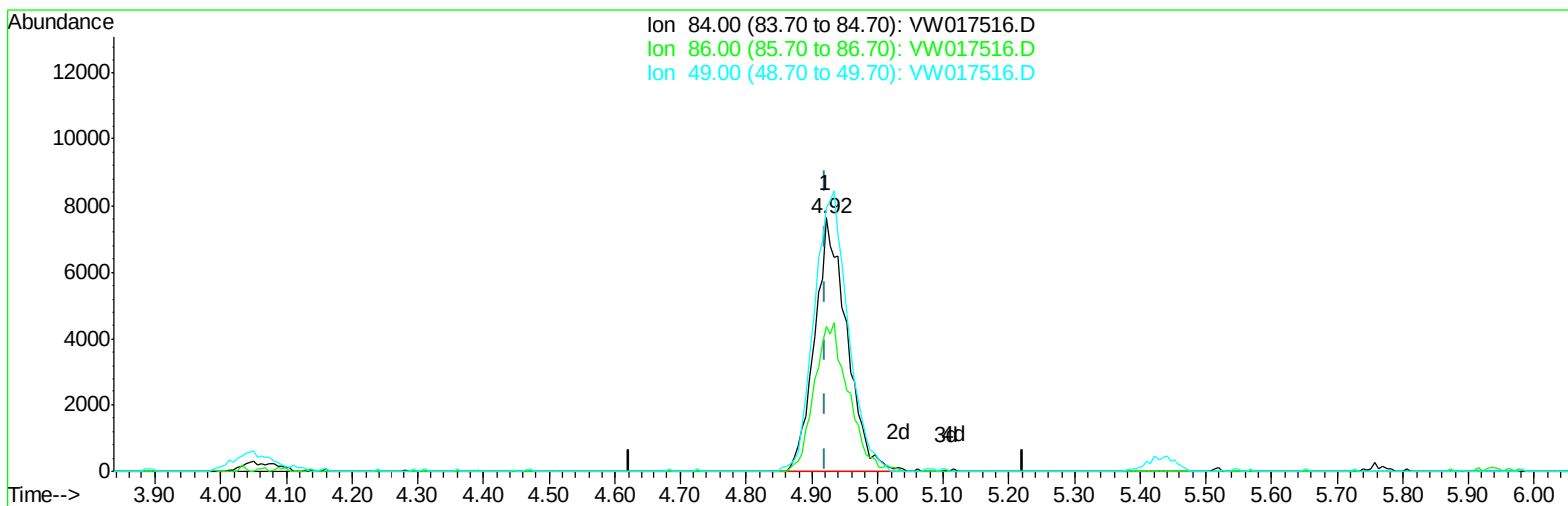
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TIC: VW017516.D

(16) Methylene chloride (T)

4.922min (-0.000) 3.39ug/L m

response 25936

Ion	Exp%	Act%
84.00	100	100
86.00	66.00	57.41
49.00	121.50	104.33
0.00	0.00	0.00

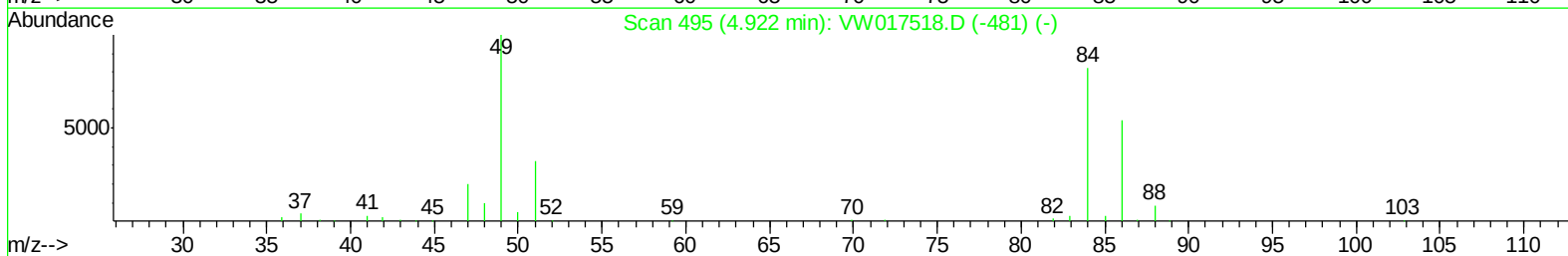
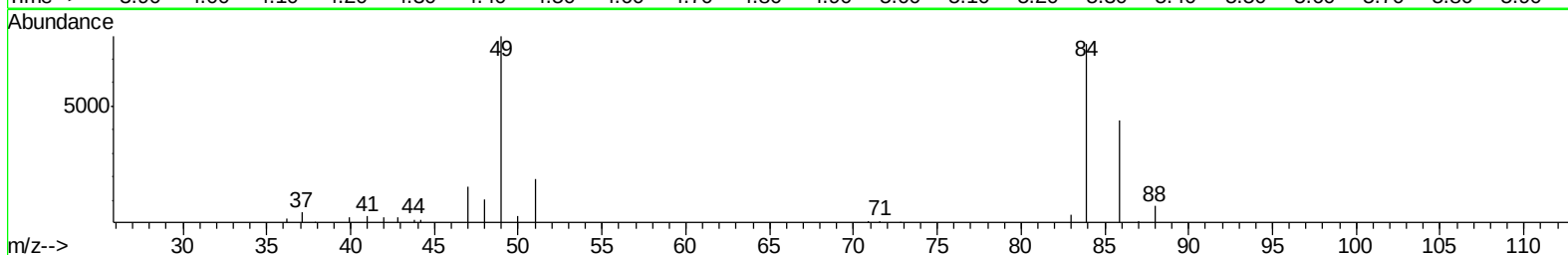
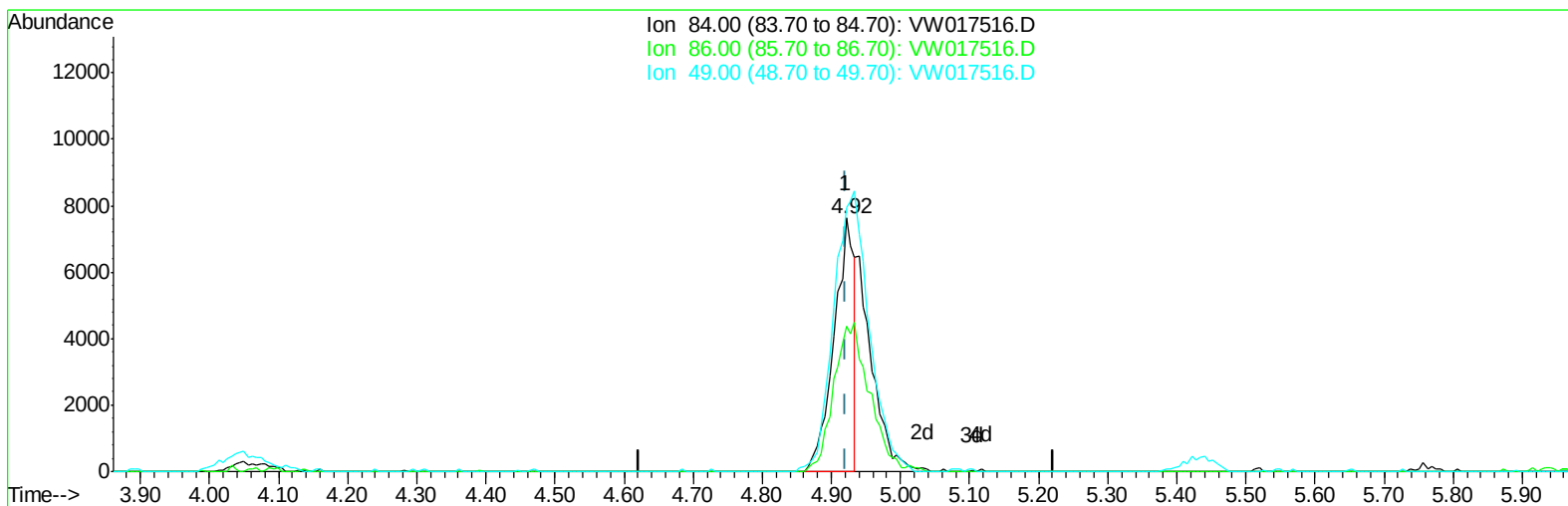
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TIC: VW017516.D

(16) Methylene chloride (T)

4.922min (-0.000) 2.07ug/L

response 15839

Ion	Exp%	Act%
84.00	100	100
86.00	66.00	57.41
49.00	121.50	104.33
0.00	0.00	0.00

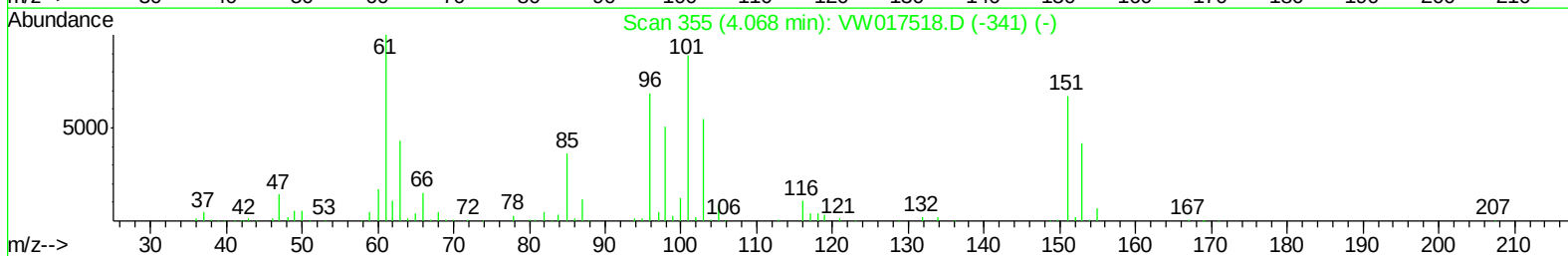
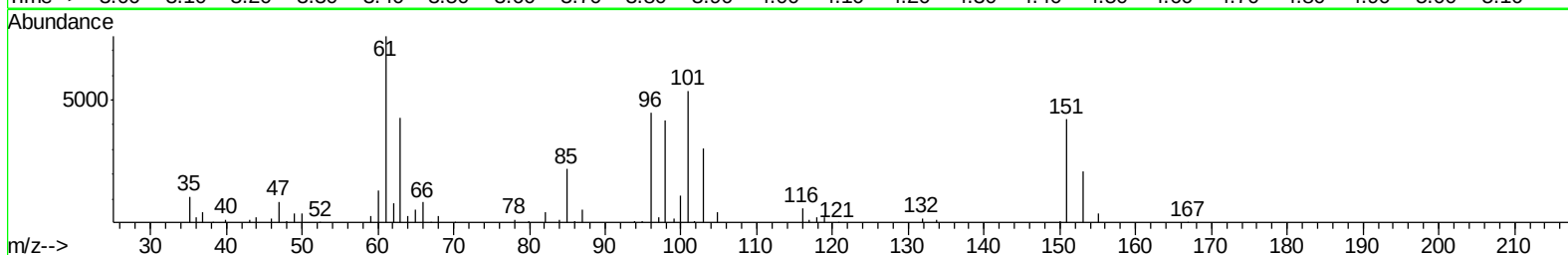
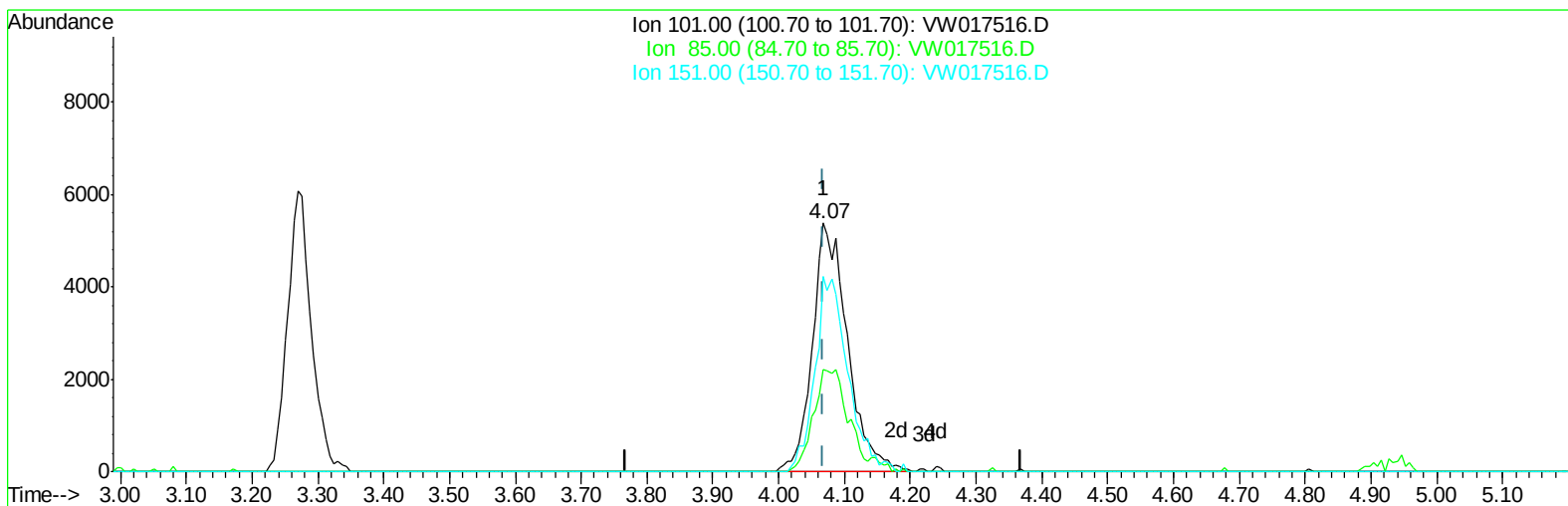
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(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.068min (-0.000) 2.78ug/L m

response 19862

Ion	Exp%	Act%
101.00	100	100
85.00	42.50	22.52#
151.00	78.50	31.80#
0.00	0.00	0.00

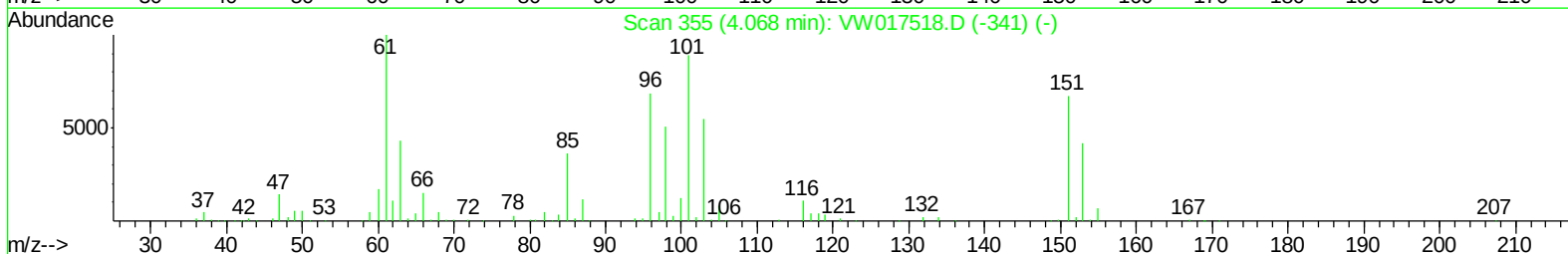
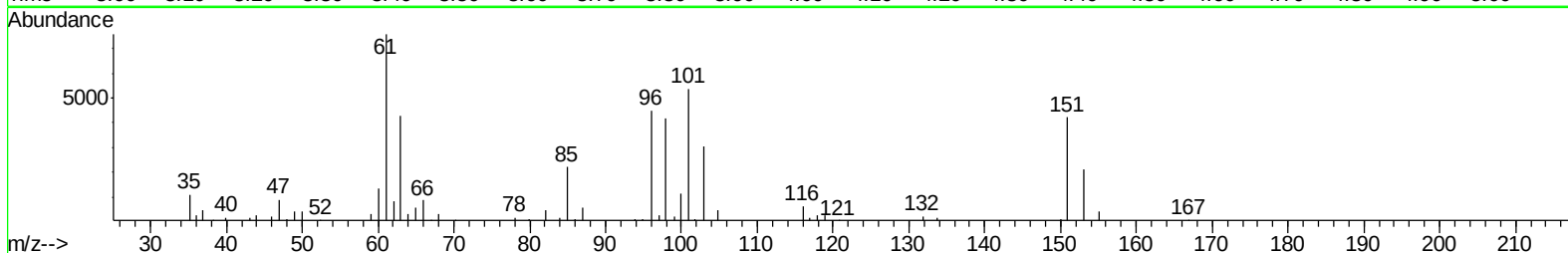
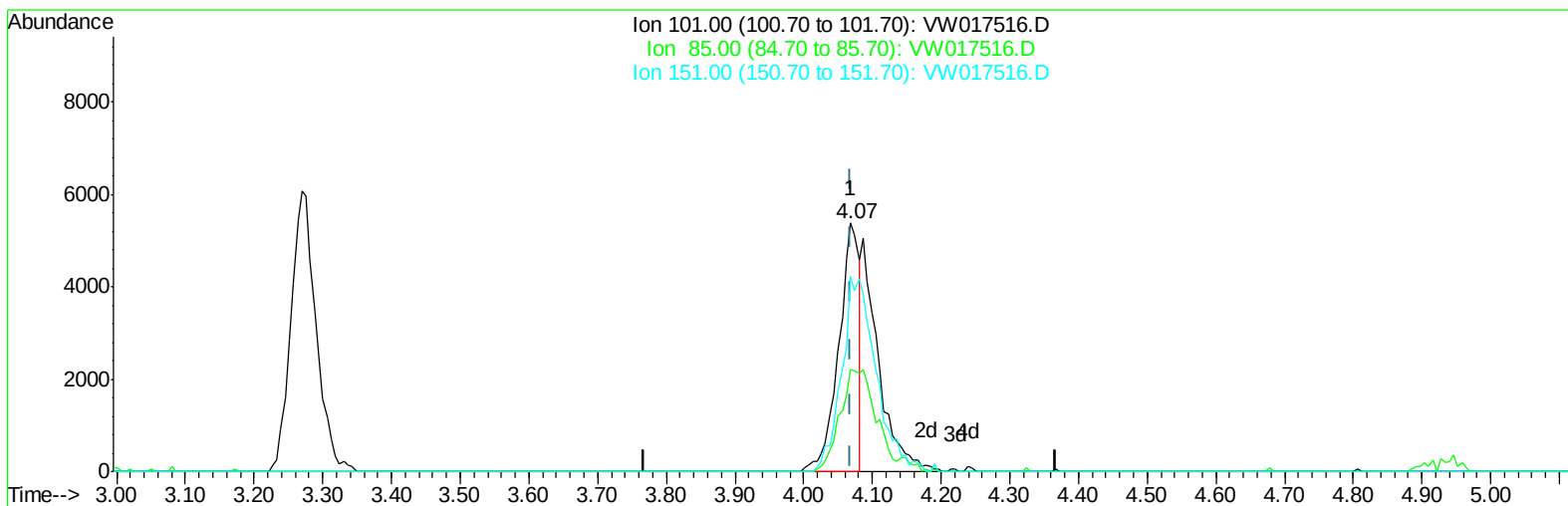
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(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.068min (-0.000) 1.55ug/L

response 11065

Ion	Exp%	Act%
101.00	100	100
85.00	42.50	40.42
151.00	78.50	57.08#
0.00	0.00	0.00