

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009512.D
 Acq On : 27 Mar 2019 20:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:43:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106598	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
7) Chloroethane-d5	2.89	69	123329	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.02	63	254650	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.64%
20) 2-Butanone-d5	7.07	46	112518	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
24) Chloroform-d	7.65	84	289370	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	8.30	65	175677	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	512411	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	9.27	67	165936	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.24%
37) Toluene-d8	10.32	98	475216	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloropropene-	10.58	79	77239	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.76%
39) 2-Hexanone-d5	10.93	63	84867	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180043	28.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	192488	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	136981	25.740	ug/L	98
3) Chloromethane	2.21	50	141414	25.047	ug/L	99
5) Vinyl chloride	2.37	62	185342	31.893	ug/L	99
6) Bromomethane	2.78	94	133638	27.448	ug/L	100
8) Chloroethane	2.92	64	133146	27.692	ug/L	95
9) Trichlorofluoromethane	3.25	101	116122	25.296	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	148519m	28.016	ug/L	
12) 1,1-Dichloroethene	4.03	96	138080	27.757	ug/L	89
13) Acetone	4.12	43	91042	55.609	ug/L	100
14) Carbon disulfide	4.38	76	382189	28.547	ug/L	100
15) Methyl Acetate	4.67	43	90382	28.101	ug/L	100
16) Methylene chloride	4.91	84	164560	27.934	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	194075	27.573	ug/L #	88
18) trans-1,2-Dichloroethene	5.41	96	140904	26.941	ug/L	95
19) 1,1-Dichloroethane	6.21	63	280079	29.370	ug/L	98
21) 2-Butanone	7.17	43	126778	56.083	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	157597	27.816	ug/L	97

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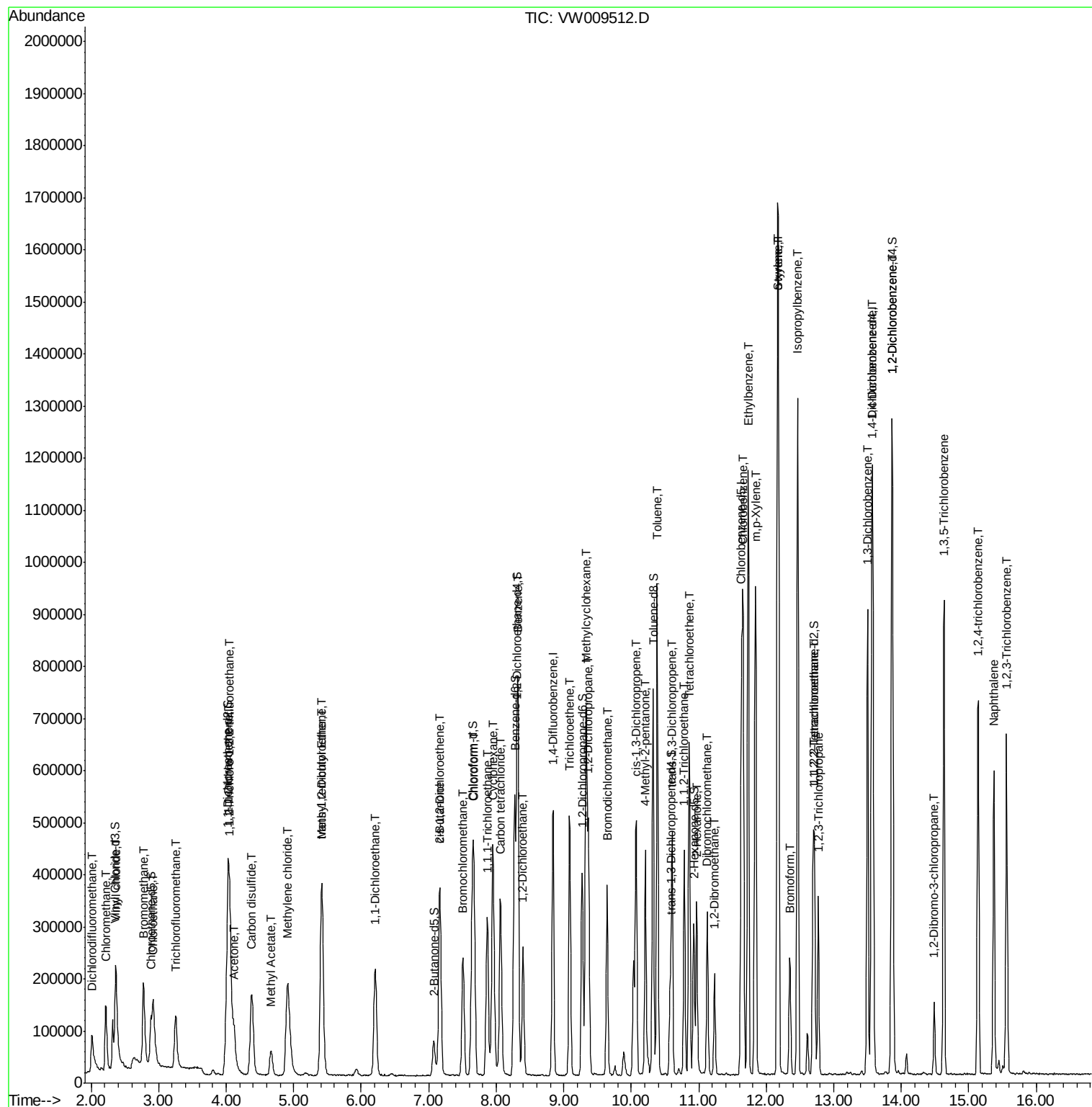
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74416	27.385	ug/L	97
25) Chloroform	7.67	83	292237	29.263	ug/L	99
27) 1,2-Dichloroethane	8.40	62	220825	29.657	ug/L	96
30) Cyclohexane	7.95	56	240702	27.039	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	229107	29.266	ug/L	100
32) Carbon tetrachloride	8.06	117	231391	29.295	ug/L	98
34) Benzene	8.32	78	613577	28.599	ug/L	100
35) Trichloroethene	9.09	95	156048	27.297	ug/L	99
36) Methylcyclohexane	9.34	83	271265	27.427	ug/L	99
40) 1,2-Dichloropropane	9.37	63	157329	28.578	ug/L	98
41) Bromodichloromethane	9.64	83	218467	28.640	ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	250887	27.980	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	281510	56.430	ug/L	100
44) Toluene	10.38	91	672954	28.689	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	223360	28.636	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	124716	28.396	ug/L	97
47) Tetrachloroethene	10.86	164	127553	26.407	ug/L	97
49) 2-Hexanone	10.97	43	207467	59.047	ug/L	98
50) Dibromochloromethane	11.13	129	152189	28.070	ug/L	98
51) 1,2-Dibromoethane	11.23	107	123698	27.782	ug/L	94
52) Chlorobenzene	11.66	112	425613	28.289	ug/L	97
53) Ethylbenzene	11.73	91	768412	29.137	ug/L	98
54) m,p-Xylene	11.84	106	290147	28.959	ug/L	97
55) o-xylene	12.16	106	273737	28.005	ug/L	99
56) Styrene	12.18	104	483488	28.991	ug/L	95
57) Isopropylbenzene	12.46	105	766138	29.260	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	173617	29.302	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	125962	28.645	ug/L	99
62) Bromoform	12.35	173	96585	27.708	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	335550	27.291	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	349347	27.482	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	326268	27.825	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	31907	27.765	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	258182	26.921	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	215692	26.775	ug/L	100
69) Naphthalene	15.37	128	469898	28.135	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	209143	27.719	ug/L	99

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

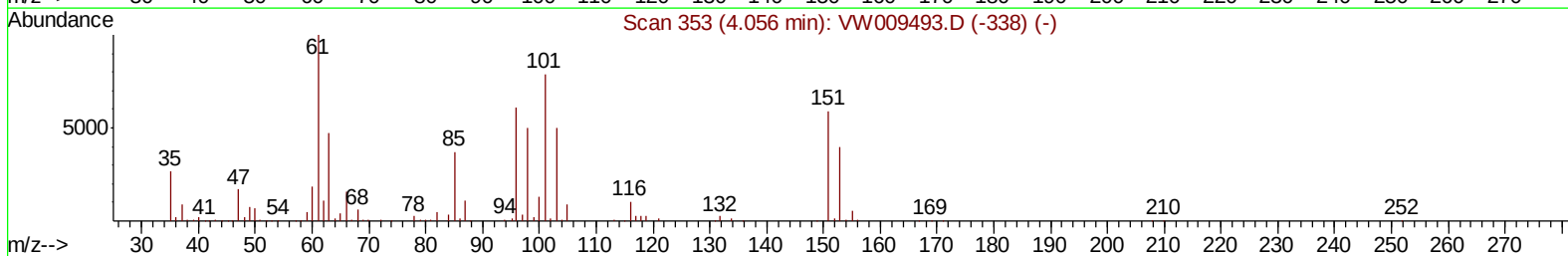
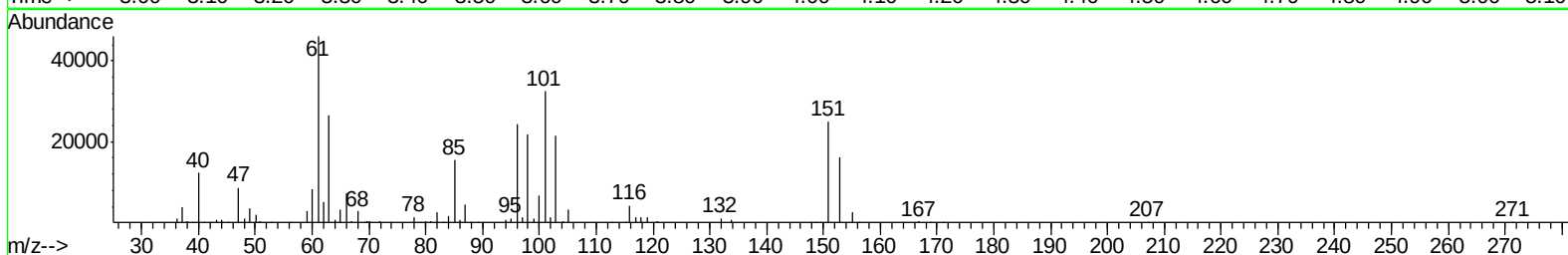
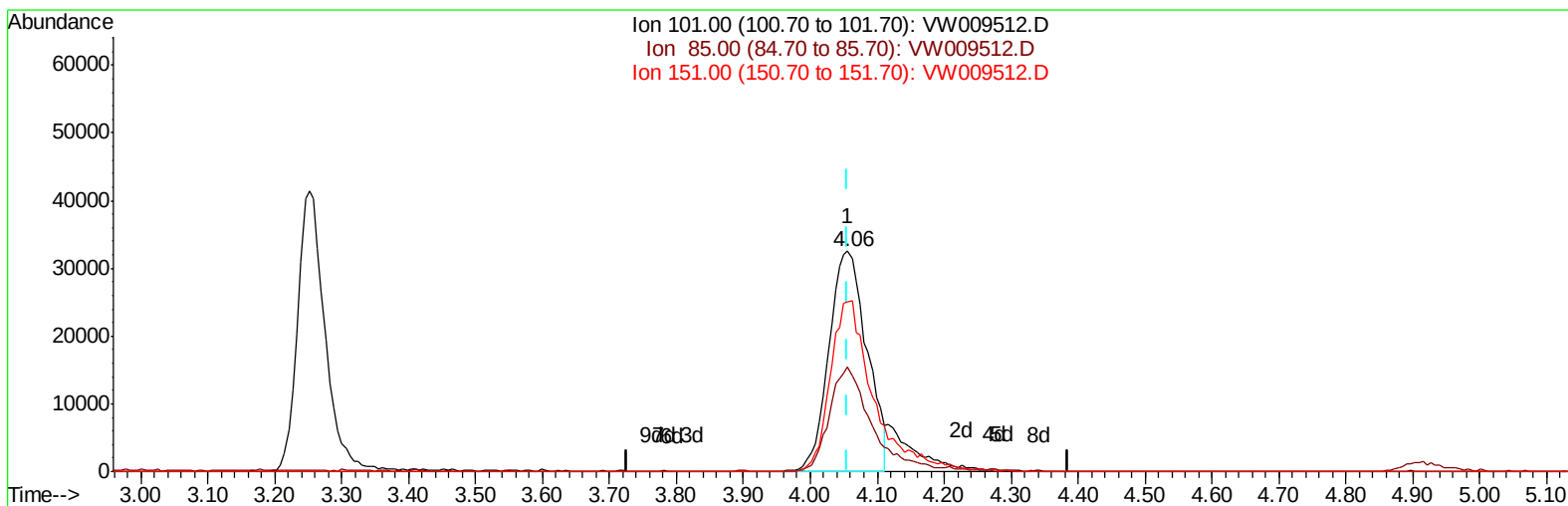
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TIC: VW009512.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

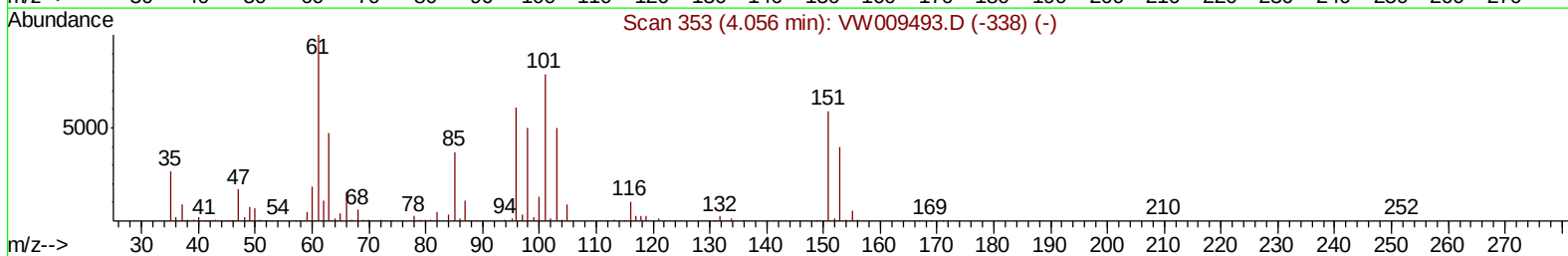
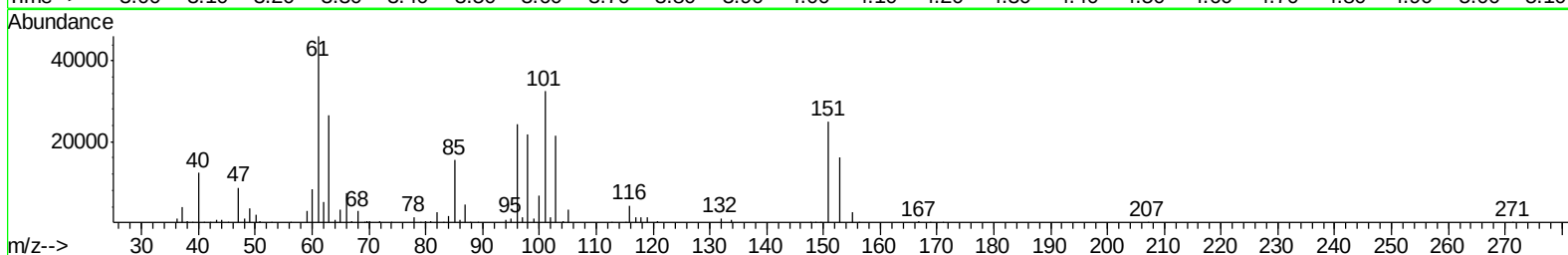
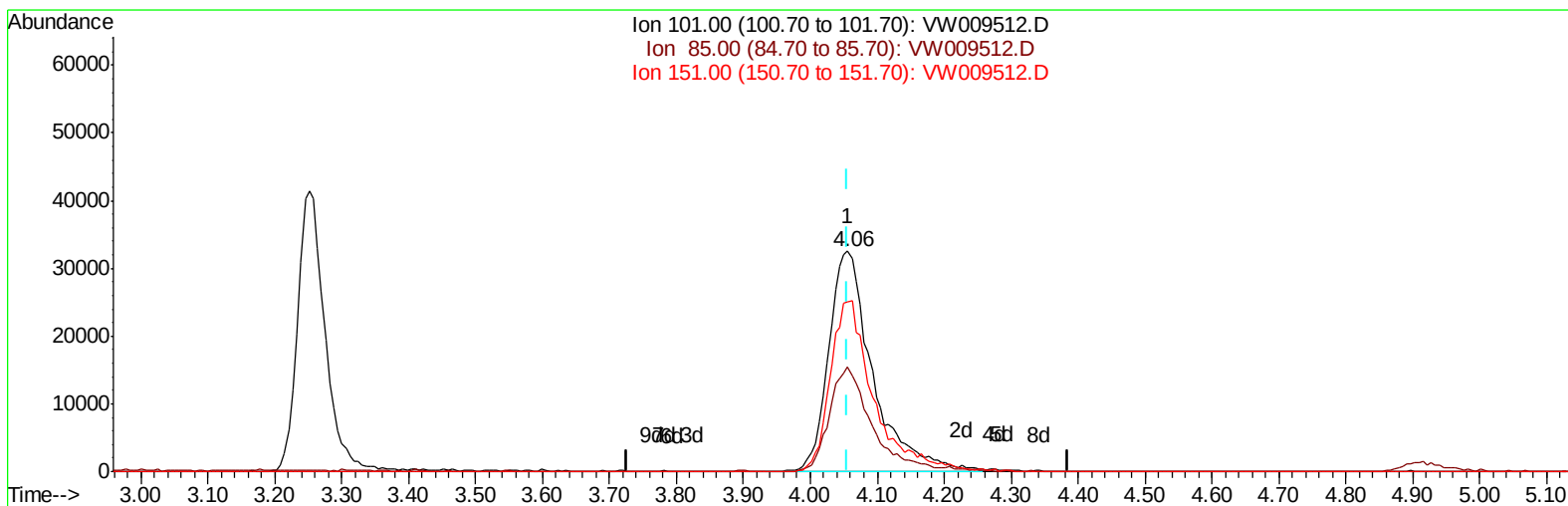
4.056min (-0.000) 24.19ug/L

response 128256

Ion	Exp%	Act%
101.00	100	100
85.00	40.70	51.41#
151.00	79.10	81.47
0.00	0.00	0.00

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TIC: VW009512.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.056min (-0.000) 28.02ug/L m

response 148519

Ion	Exp%	Act%
101.00	100	100
85.00	40.70	44.40
151.00	79.10	70.35
0.00	0.00	0.00