

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025266.D
 Acq On : 03 Feb 2023 09:06
 Operator : SY/MD
 Sample : VSTD02521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025421

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/03/2023
 Supervised By :Mahesh Dadoda 02/04/2023

Quant Time: Feb 03 11:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	418806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	268426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	96326	23.768	ug/L	0.00
7) Chloroethane-d5	2.898	69	80625	22.405	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	261690	23.287	ug/L	0.00
21) 2-Butanone-d5	7.086	46	45390	43.287	ug/L	0.00
24) Chloroform-d	7.653	84	250313	22.803	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	123150	23.032	ug/L	0.00
32) Benzene-d6	8.275	84	497002	30.549	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	139127	29.228	ug/L	0.00
41) Toluene-d8	10.323	98	376922	25.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	47700	26.818	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	30181	56.550	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95397	29.470	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	139127	22.305	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	137035m	27.446	ug/L	
3) Chloromethane	2.221	50	137482	25.317	ug/L	100
5) Vinyl chloride	2.373	62	146113	26.374	ug/L	95
6) Bromomethane	2.794	94	93726	24.709	ug/L	98
8) Chloroethane	2.934	64	86535	25.021	ug/L	99
9) Trichlorofluoromethane	3.269	101	199565	25.043	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	151691	26.252	ug/L	99
12) 1,1-Dichloroethene	4.044	96	145633	25.389	ug/L	93
13) Acetone	4.141	43	52130	45.345	ug/L	100
14) Carbon disulfide	4.391	76	475907	25.389	ug/L	99
15) Methyl Acetate	4.672	43	45785	26.476	ug/L	99
16) Methylene chloride	4.922	84	150886	21.164	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	152556	24.765	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	219761	24.817	ug/L	99
19) 1,1-Dichloroethane	6.220	63	274299	25.007	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	161136	24.913	ug/L	96
22) 2-Butanone	7.177	43	63388	46.832	ug/L	100
23) Bromochloromethane	7.513	128	66936	25.125	ug/L	94
25) Chloroform	7.677	83	278231	24.660	ug/L	98
27) 1,2-Dichloroethane	8.396	62	176604	25.700	ug/L	98
29) Cyclohexane	7.958	56	262931	34.014	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	255255	33.525	ug/L	100
31) Carbon tetrachloride	8.073	117	235549	33.443	ug/L	98
33) Benzene	8.323	78	617146	33.223	ug/L	100
34) Trichloroethene	9.091	95	168606	32.405	ug/L	98
35) Methylcyclohexane	9.335	83	301960	32.513	ug/L	99
37) 1,2-Dichloropropane	9.366	63	148445	32.402	ug/L	100
38) Bromodichloromethane	9.646	83	194782	31.974	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	243584	32.472	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	126707	62.638	ug/L	99
42) Toluene	10.390	91	582480	31.533	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164895	30.838	ug/L	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	83331	28.860	ug/L	93
46) Tetrachloroethene	10.866	164	94939	28.551	ug/L	94
48) 2-Hexanone	10.969	43	75810	59.375	ug/L	99
49) Dibromochloromethane	11.128	129	99965	30.653	ug/L	99
50) 1,2-Dibromoethane	11.237	107	70006	26.467	ug/L #	99
51) Chlorobenzene	11.658	112	306272	25.194	ug/L	99
52) Ethylbenzene	11.725	91	573021	25.890	ug/L	99
53) m,p-Xylene	11.835	106	221894	26.454	ug/L	100
54) o-Xylene	12.164	106	274197	32.473	ug/L	98
55) Styrene	12.176	104	468734	32.785	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	111308	32.354	ug/L	98
59) Bromoform	12.347	173	63160	24.762	ug/L	98
60) Isopropylbenzene	12.463	105	777162	25.526	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80605	25.217	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	658246	26.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	634725	25.808	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	318703	25.266	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	314668	25.279	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	270482	24.882	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18350	24.579	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	207066	25.242	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	167788	25.120	ug/L	96
71) Naphthalene	15.359	128	319208	26.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	144804	25.248	ug/L	99

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

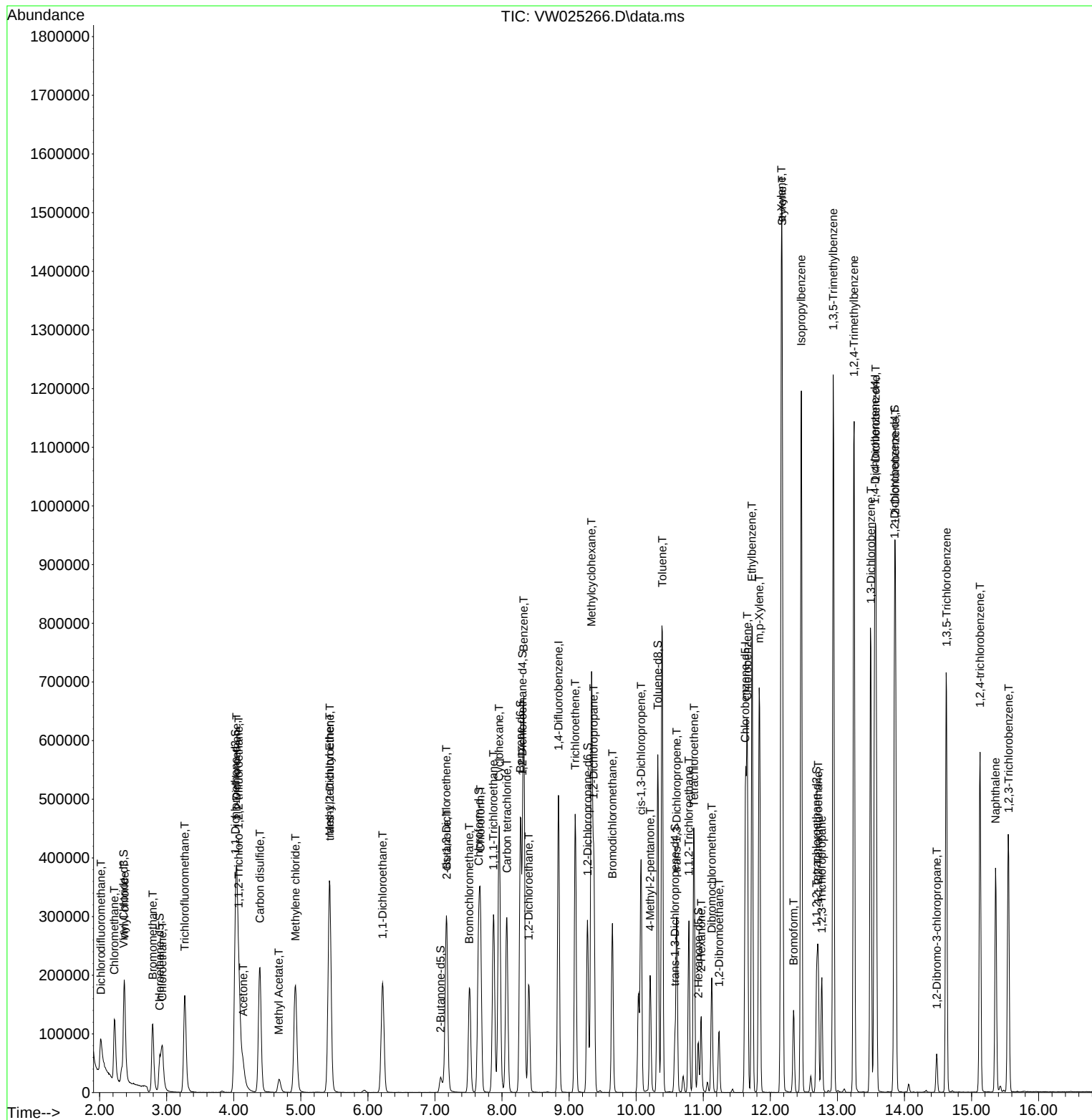
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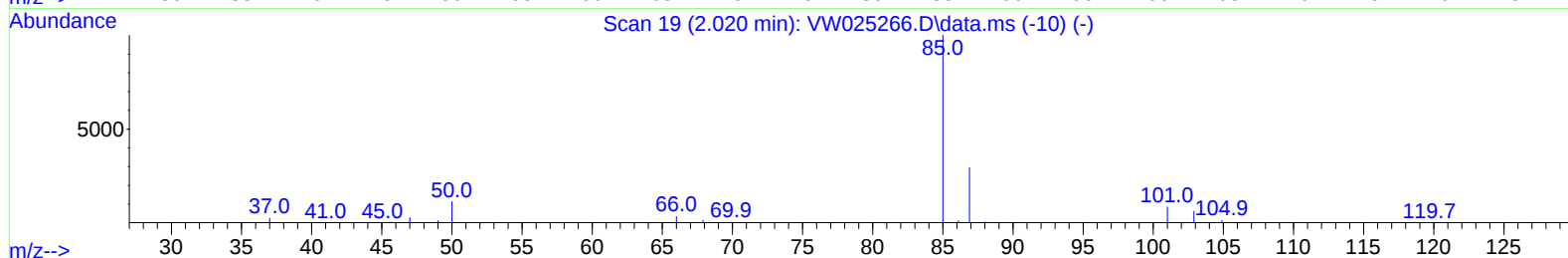
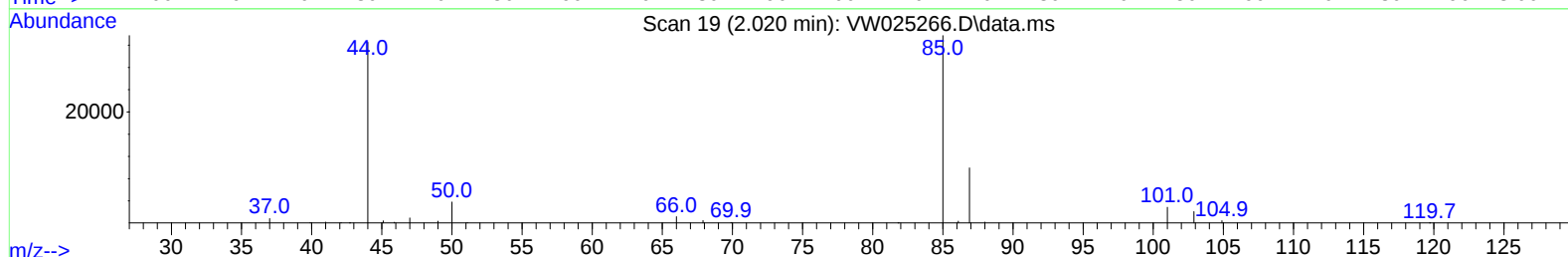
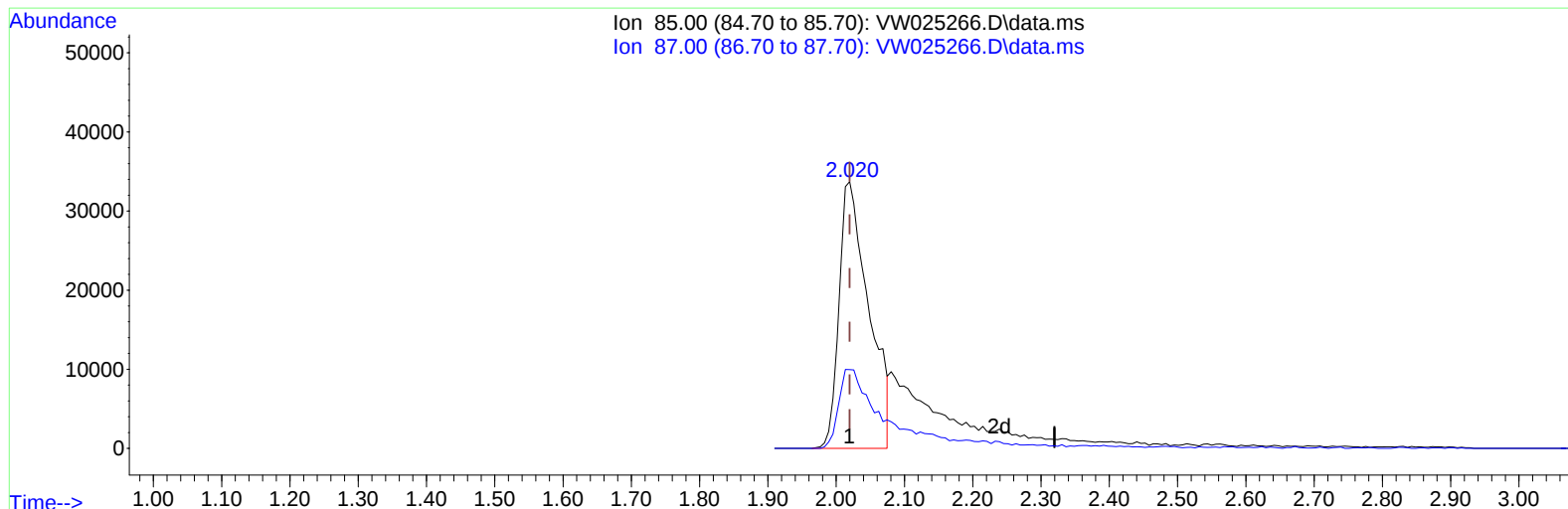
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TIC: VW025266.D\data.ms

(2) Dichlorodifluoromethane (T)

2.020min (0.000) 20.37 ug/L

response 101696

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.10	30.49
0.00	0.00	0.00
0.00	0.00	0.00

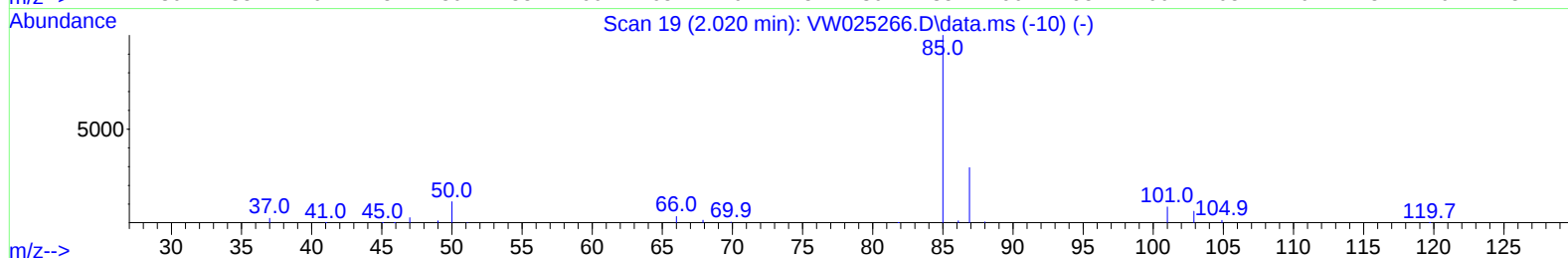
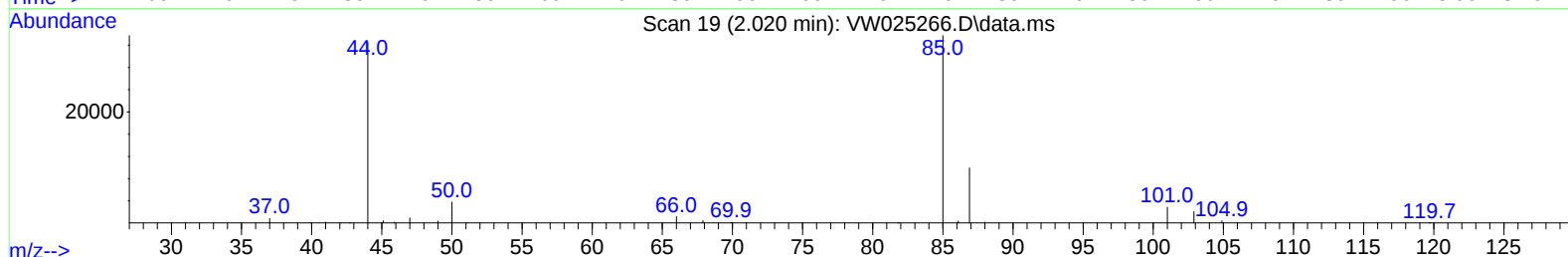
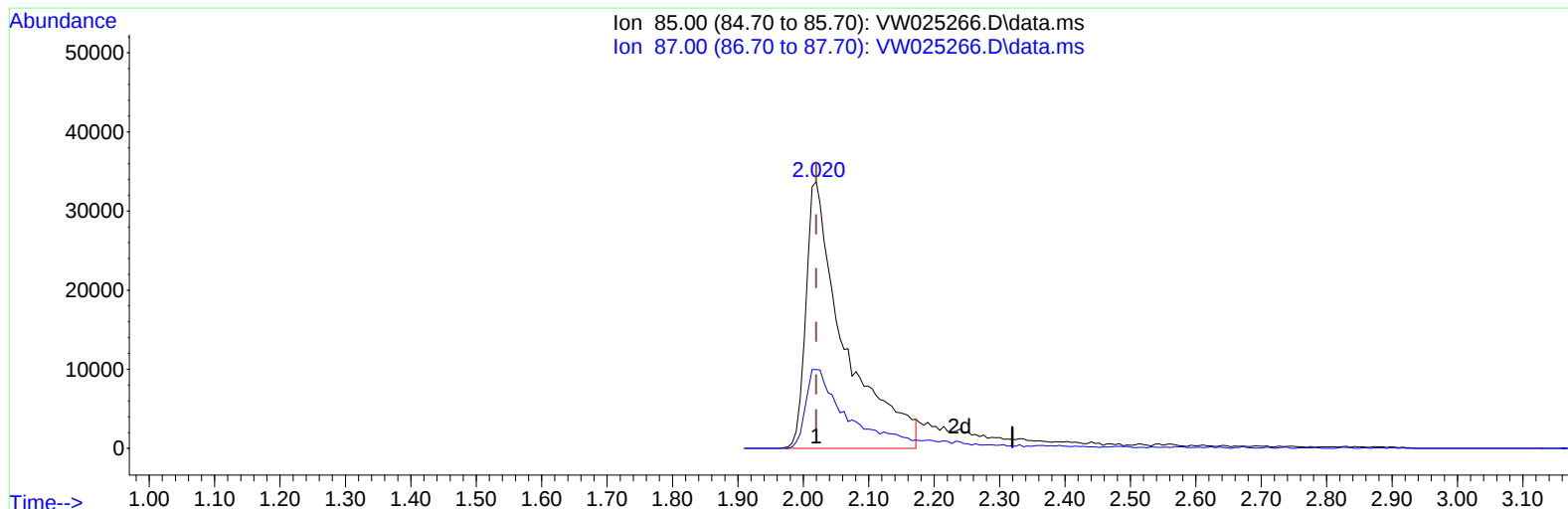
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TIC: VW025266.D\data.ms

(2) Dichlorodifluoromethane (T)

2.020min (0.000) 27.45 ug/L m

response 137035

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.10	22.63#
0.00	0.00	0.00
0.00	0.00	0.00

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24) Chloroform-d	7.653	84	250313	22.803	ug/L	0.00
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41) Toluene-d8	10.323	98	376922	25.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	47700	26.818	ug/L	0.00
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66) 1,2-Dichlorobenzene-d4	13.853	152	139127	22.305	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	137035m	27.446	ug/L	
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53) m,p-Xylene	11.835	106	221894	26.454	ug/L	100
54) o-Xylene	12.164	106	274197	32.473	ug/L	98
55) Styrene	12.176	104	468734	32.785	ug/L	100
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