

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052924\
 Data File : VW028892.D
 Acq On : 29 May 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/30/2024
 Supervised By : Mahesh Dadoda 05/31/2024

Quant Time: May 30 01:33:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 23:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101078	19.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.560%		
7) Chloroethane-d5	2.899	69	86257	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.440%		
11) 1,1-Dichloroethene-d2	4.021	65	45026	20.675	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.720%		
21) 2-Butanone-d5	7.075	46	66035	48.558	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.120%		
24) Chloroform-d	7.648	84	222938	25.992	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.960%		
26) 1,2-Dichloroethane-d4	8.307	65	125207	25.498	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.000%		
32) Benzene-d6	8.276	84	433821	25.547	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.200%		
36) 1,2-Dichloropropane-d6	9.270	67	135619	26.541	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.160%		
41) Toluene-d8	10.319	98	376711	25.050	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.200%		
43) trans-1,3-Dichloroprop...	10.575	79	54071	26.304	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.200%		
47) 2-Hexanone-d5	10.922	63	46097	52.305	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.600%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112397	26.232	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.920%		
66) 1,2-Dichlorobenzene-d4	13.848	152	124994	24.402	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79168	19.846	ug/L	96
3) Chloromethane	2.222	50	101376	20.514	ug/L	100
5) Vinyl chloride	2.375	62	110196	19.806	ug/L	96
6) Bromomethane	2.796	94	72552	22.542	ug/L	94
8) Chloroethane	2.936	64	72157	22.741	ug/L	98
9) Trichlorofluoromethane	3.265	101	89686	19.635	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97696m	23.198	ug/L	
12) 1,1-Dichloroethene	4.045	96	88538	23.436	ug/L	95
13) Acetone	4.118	43	62450	50.479	ug/L	98
14) Carbon disulfide	4.393	76	245714	19.245	ug/L	100
15) Methyl Acetate	4.667	43	53589	24.898	ug/L	97
16) Methylene chloride	4.923	84	112391	26.474	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	97930	24.899	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	164003	28.256	ug/L	98
19) 1,1-Dichloroethane	6.222	63	209235	26.828	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	115843	28.143	ug/L	93
22) 2-Butanone	7.173	43	81023	51.025	ug/L	99
23) Bromochloromethane	7.514	128	51227	28.531	ug/L	94
25) Chloroform	7.679	83	216051	28.640	ug/L	98

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151559	27.639	ug/L	99
29) Cyclohexane	7.959	56	152362	20.995	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	160334	25.139	ug/L	98
31) Carbon tetrachloride	8.069	117	139275	23.950	ug/L	99
33) Benzene	8.325	78	445451	26.990	ug/L	100
34) Trichloroethene	9.093	95	113957	25.753	ug/L	92
35) Methylcyclohexane	9.337	83	166645	21.550	ug/L	98
37) 1,2-Dichloropropane	9.368	63	124376	28.920	ug/L	100
38) Bromodichloromethane	9.642	83	152757	29.138	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	181692	29.476	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	158708	54.222	ug/L	99
42) Toluene	10.386	91	476089	27.929	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	155068	29.837	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88977	28.560	ug/L	97
46) Tetrachloroethene	10.861	164	83755	26.271	ug/L	98
48) 2-Hexanone	10.965	43	117521	56.871	ug/L	99
49) Dibromochloromethane	11.129	129	93726	29.994	ug/L	97
50) 1,2-Dibromoethane	11.233	107	80890	27.718	ug/L	94
51) Chlorobenzene	11.654	112	305472	28.970	ug/L	97
52) Ethylbenzene	11.727	91	537287	27.852	ug/L	99
53) m,p-Xylene	11.837	106	198172	28.025	ug/L	87
54) o-Xylene	12.160	106	192401	29.411	ug/L	100
55) Styrene	12.178	104	342840	30.929	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	111240	28.460	ug/L	97
59) Bromoform	12.349	173	52468	26.760	ug/L #	99
60) Isopropylbenzene	12.458	105	534082	26.194	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	80208	24.695	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	390452	27.066	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	429947	27.660	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	240428	28.345	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	242216	27.931	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	207675	27.355	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17889	23.557	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	149310	26.232	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	121818	26.488	ug/L	98
71) Naphthalene	15.360	128	264654	27.010	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116885	28.166	ug/L	98

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

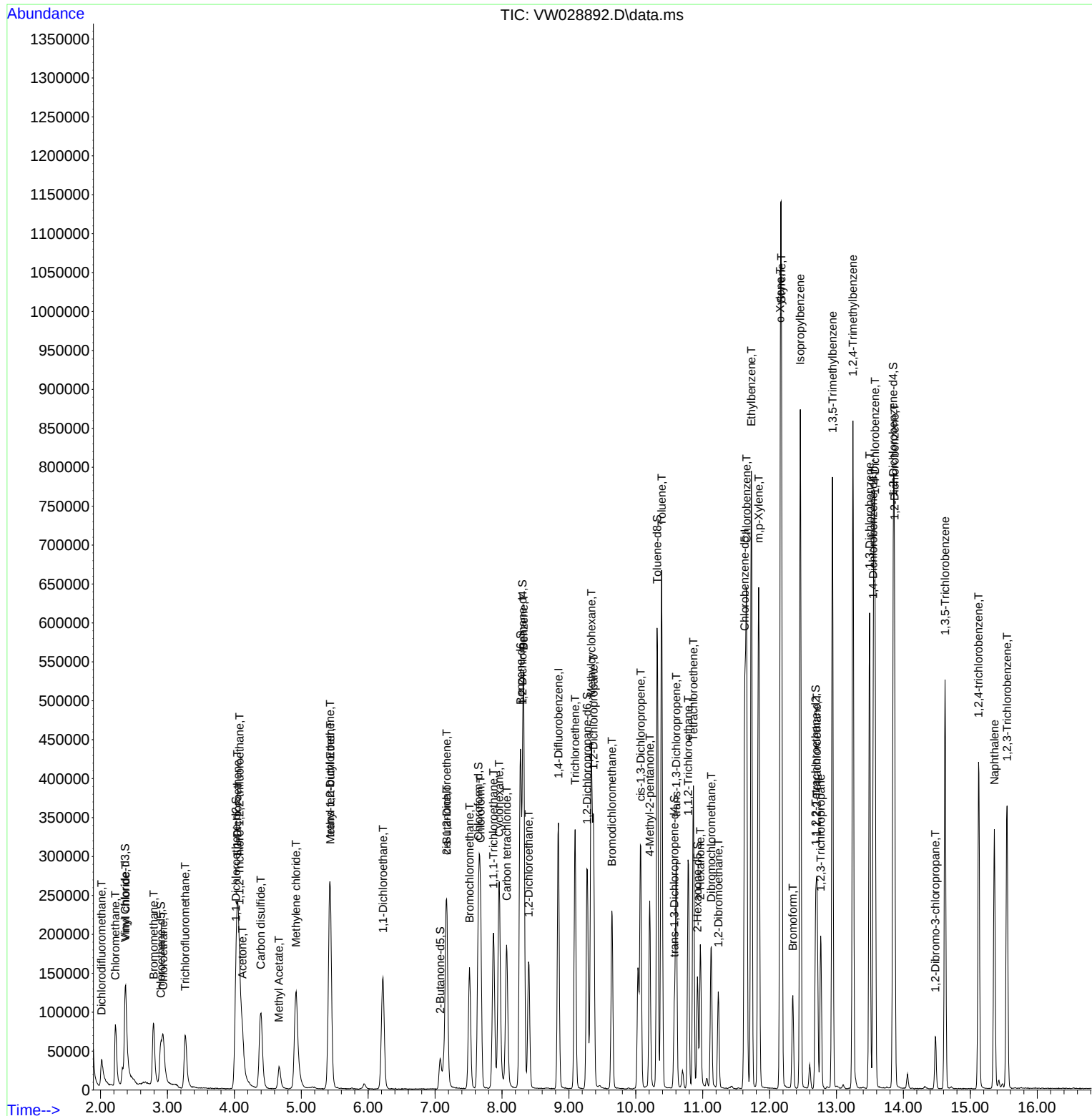
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Quant Title : SFAM01.0
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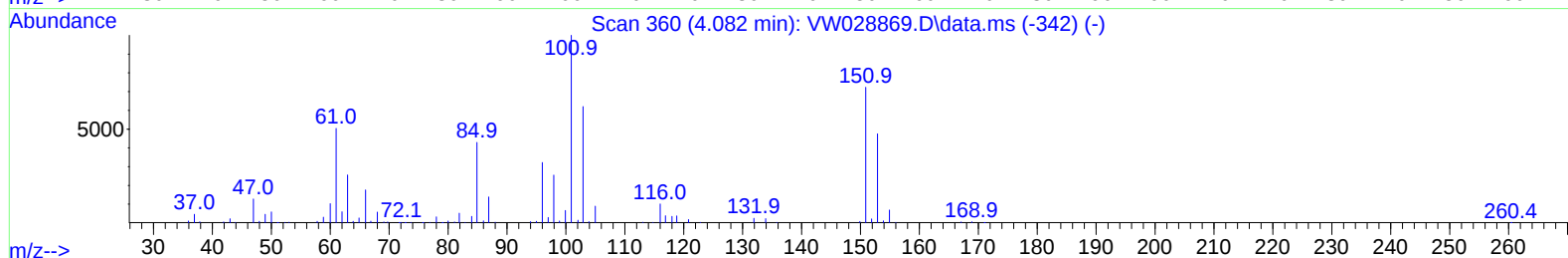
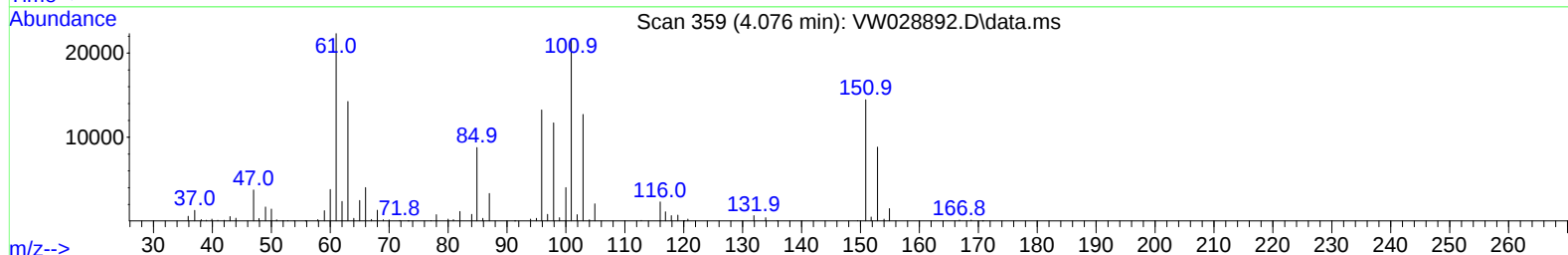
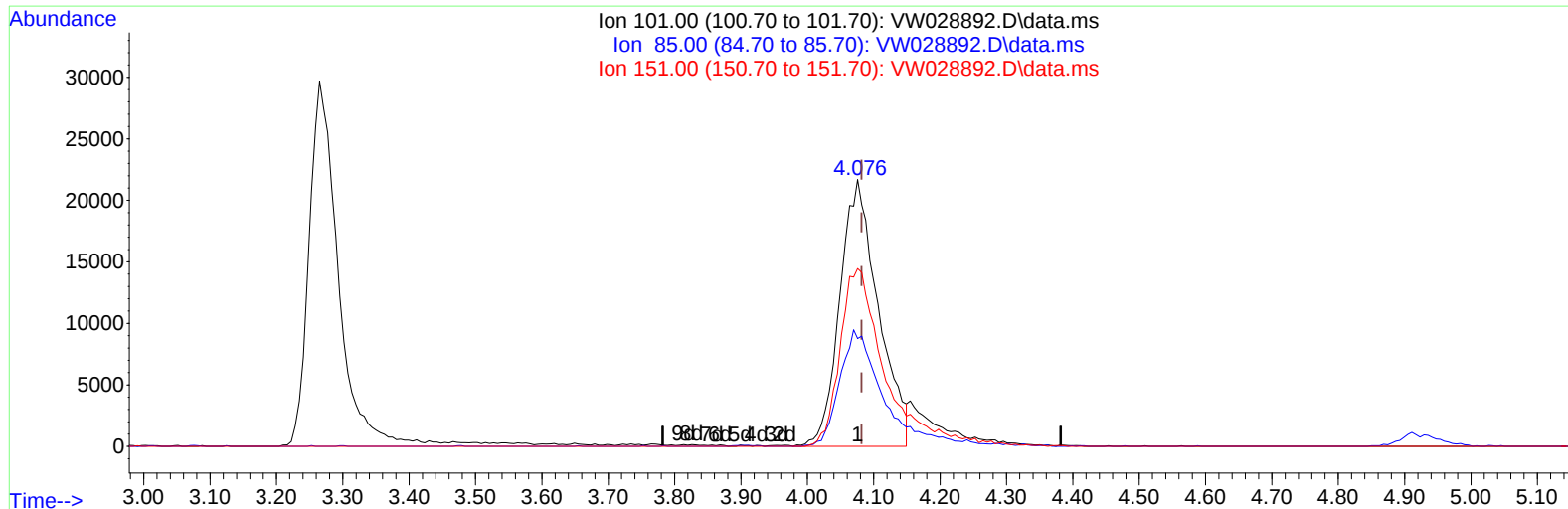
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TIC: VW028892.D\data.ms

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

4.076min (-0.006) 20.77 ug/L

response 87488

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.80	48.82
151.00	62.00	73.46
0.00	0.00	0.00

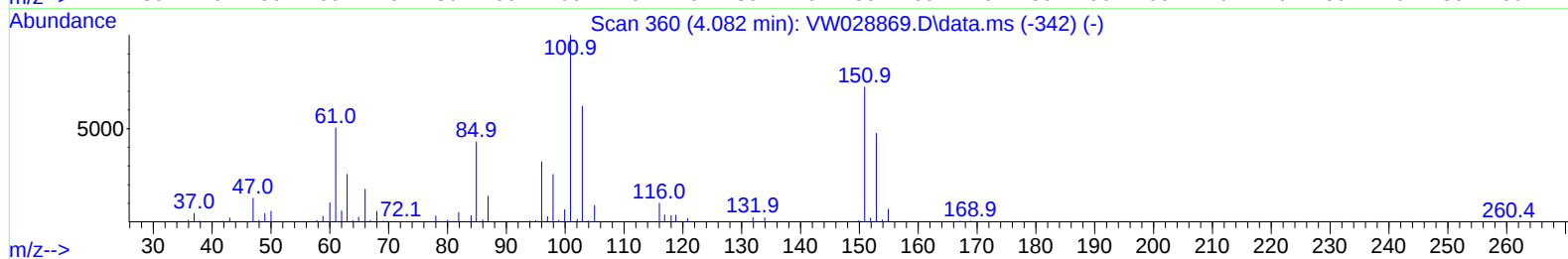
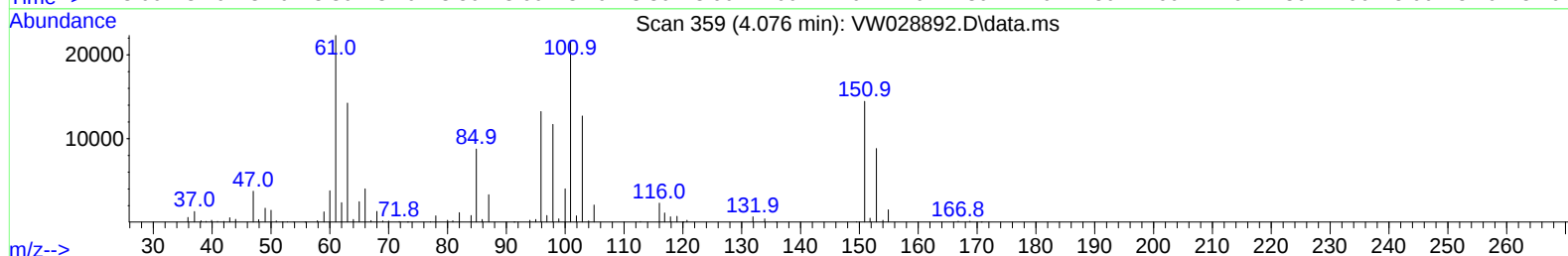
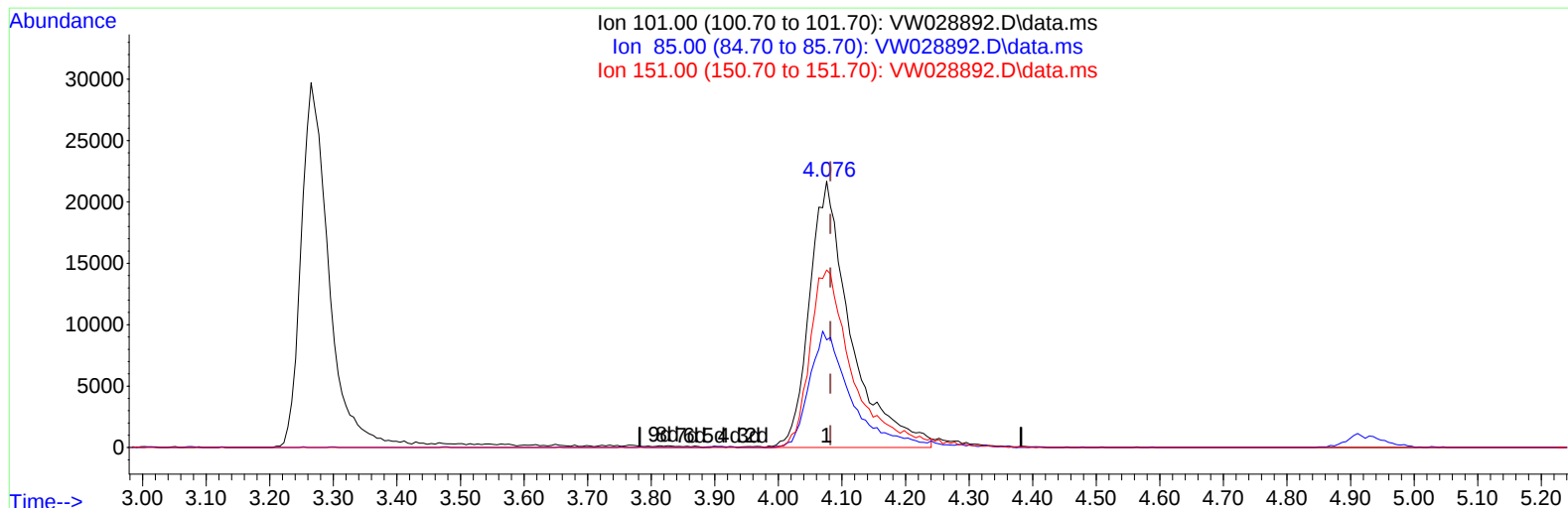
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TIC: VW028892.D\data.ms

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

4.076min (-0.006) 23.20 ug/L m

response 97696

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.80	43.72
151.00	62.00	65.79
0.00	0.00	0.00

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28) Chlorobenzene-d5	11.629	117	254518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101078	19.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.899	69	86257	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.021	65	45026	20.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.720%
21) 2-Butanone-d5	7.075	46	66035	48.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.120%
24) Chloroform-d	7.648	84	222938	25.992	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.960%
26) 1,2-Dichloroethane-d4	8.307	65	125207	25.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.000%
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47) 2-Hexanone-d5	10.922	63	46097	52.305	ug/L	0.00
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Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79168	19.846	ug/L	96
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40) 4-Methyl-2-pentanone	10.209	43	158708	54.222	ug/L	99
42) Toluene	10.386	91	476089	27.929	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	155068	29.837	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88977	28.560	ug/L	97
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48) 2-Hexanone	10.965	43	117521	56.871	ug/L	99
49) Dibromochloromethane	11.129	129	93726	29.994	ug/L	97
50) 1,2-Dibromoethane	11.233	107	80890	27.718	ug/L	94
51) Chlorobenzene	11.654	112	305472	28.970	ug/L	97
52) Ethylbenzene	11.727	91	537287	27.852	ug/L	99
53) m,p-Xylene	11.837	106	198172	28.025	ug/L	87
54) o-Xylene	12.160	106	192401	29.411	ug/L	100
55) Styrene	12.178	104	342840	30.929	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	111240	28.460	ug/L	97
59) Bromoform	12.349	173	52468	26.760	ug/L #	99
60) Isopropylbenzene	12.458	105	534082	26.194	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	80208	24.695	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	390452	27.066	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	429947	27.660	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	240428	28.345	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	242216	27.931	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	207675	27.355	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17889	23.557	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	149310	26.232	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	121818	26.488	ug/L	98
71) Naphthalene	15.360	128	264654	27.010	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116885	28.166	ug/L	98

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