

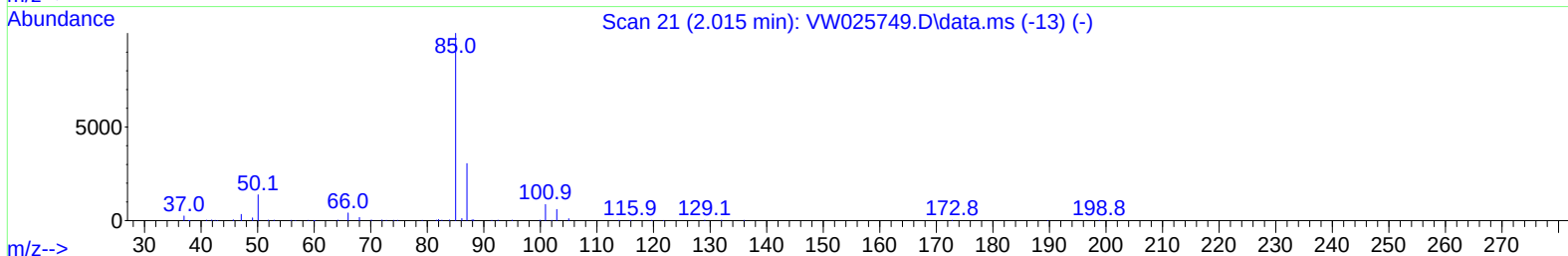
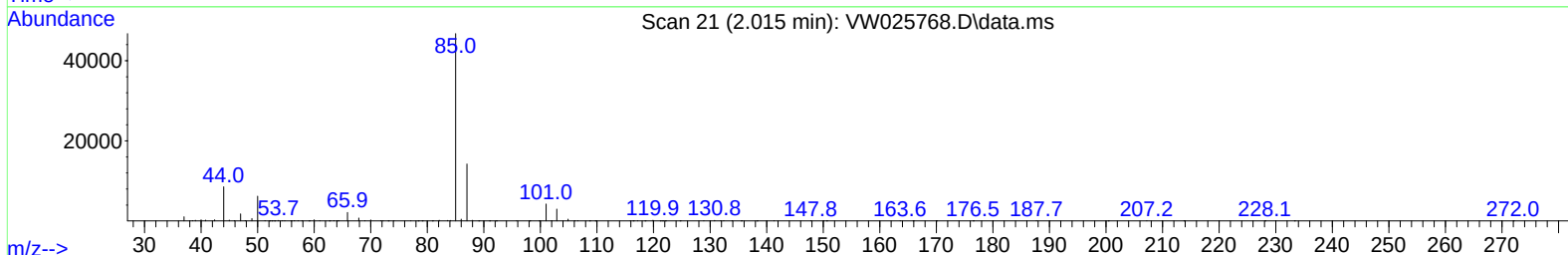
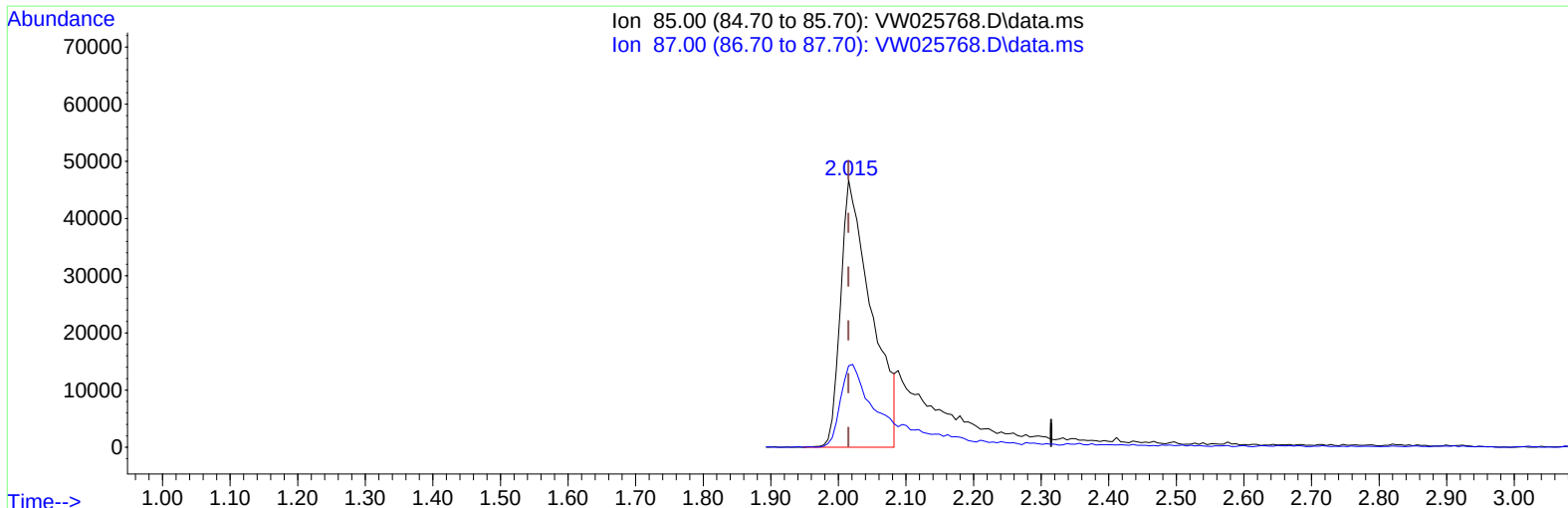
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
Data File : VW025768.D
Acq On : 28 Apr 2023 18:28
Operator : SY/MD
Sample : 02526-18MSD
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCCG0MSD

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 00:25:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:55:08 2023
Response via : Initial Calibration



TIC: VW025768.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 15.29 ug/L

response 147612

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.60	33.03#
0.00	0.00	0.00
0.00	0.00	0.00

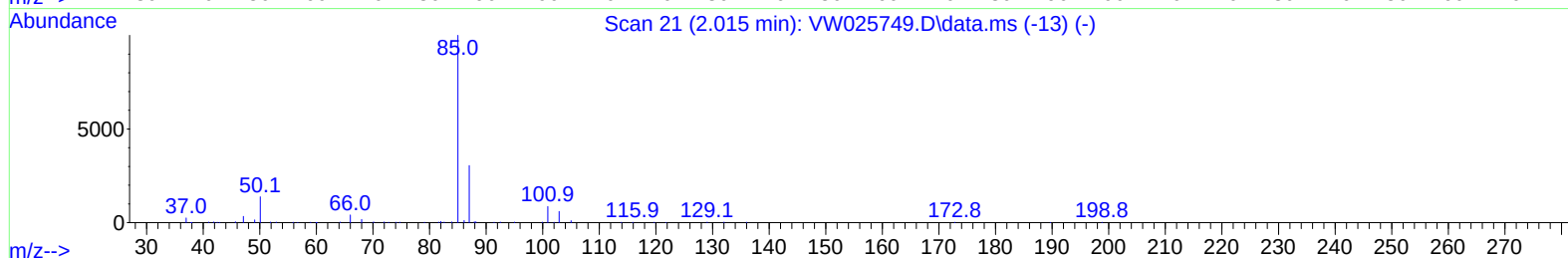
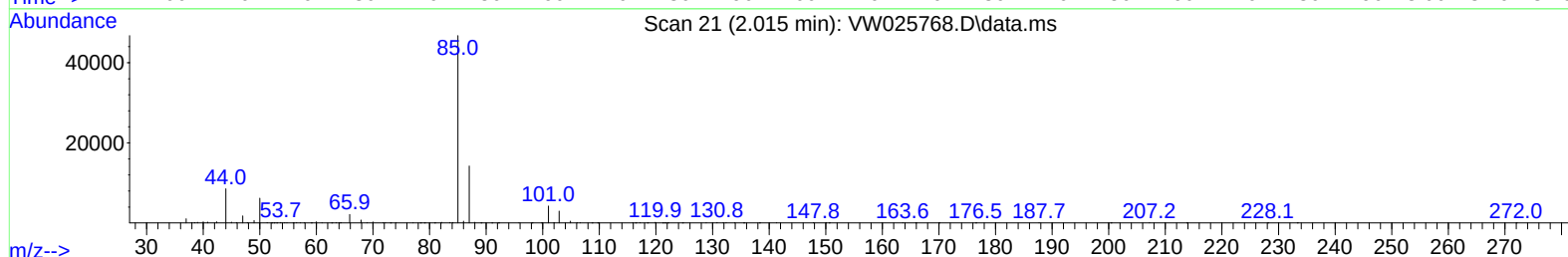
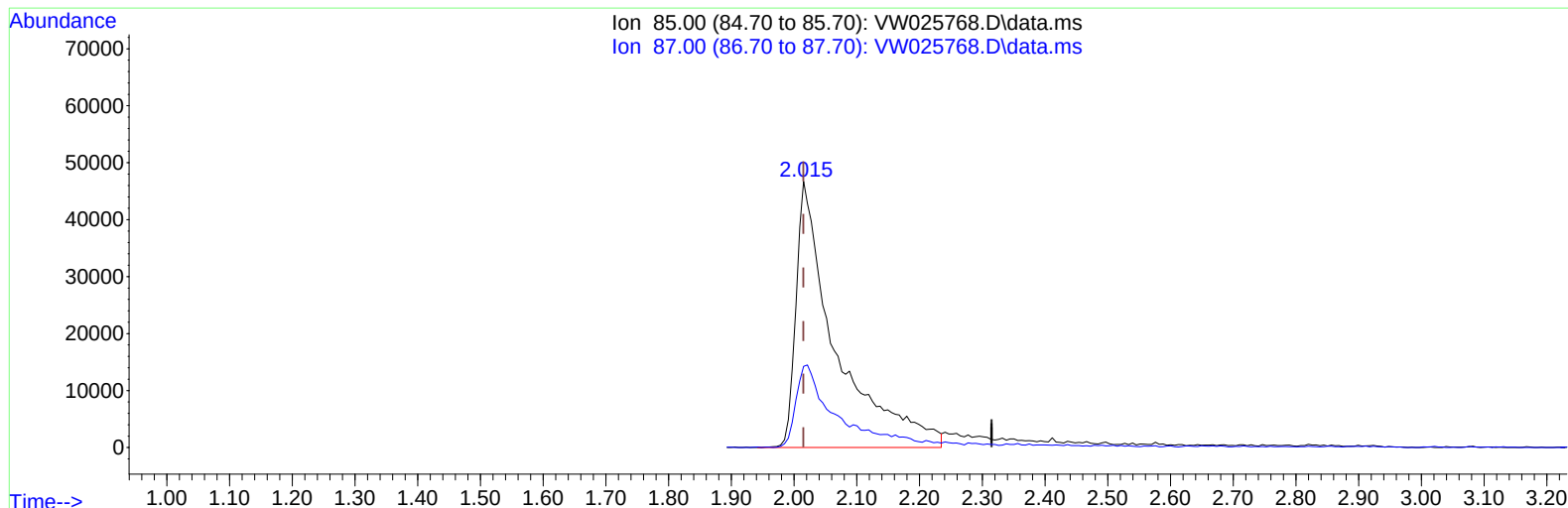
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TIC: VW025768.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 21.29 ug/L m

response 205511

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.60	23.72
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	762247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	682709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	330727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	149964	16.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
7) Chloroethane-d5	2.899	69	119773	17.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.880%
11) 1,1-Dichloroethene-d2	4.027	63	394594	18.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.440%
21) 2-Butanone-d5	7.075	46	162690	53.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.040%
24) Chloroform-d	7.648	84	418810	20.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.920%
26) 1,2-Dichloroethane-d4	8.301	65	249192	22.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.276	84	843220	20.344	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.360%
36) 1,2-Dichloropropane-d6	9.270	67	279168	20.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	10.325	98	733105	20.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.040%
43) trans-1,3-Dichloroprop...	10.575	79	114605	21.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.760%
47) 2-Hexanone-d5	10.922	63	119387	57.335	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248146	25.114	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	232412	20.512	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	205511m	21.293	ug/L	
3) Chloromethane	2.222	50	240412	18.856	ug/L	100
5) Vinyl chloride	2.375	62	231145	17.242	ug/L	97
6) Bromomethane	2.789	94	119224	16.810	ug/L	99
8) Chloroethane	2.936	64	123454	18.079	ug/L	98
9) Trichlorofluoromethane	3.265	101	181795	18.041	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	200844	19.100	ug/L	99
12) 1,1-Dichloroethene	4.051	96	198305	19.245	ug/L	94
13) Acetone	4.118	43	197011	69.271	ug/L	99
14) Carbon disulfide	4.393	76	689173	19.106	ug/L	100
15) Methyl Acetate	4.667	43	128530	22.818	ug/L	100
16) Methylene chloride	4.923	84	223718	15.537	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	211185	19.458	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	335863	21.503	ug/L	99
19) 1,1-Dichloroethane	6.216	63	428230	19.360	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	226085	19.859	ug/L	97
22) 2-Butanone	7.167	43	172272	47.774	ug/L	97
23) Bromochloromethane	7.514	128	95028	20.100	ug/L	96
25) Chloroform	7.679	83	395155	19.450	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	295127	21.224	ug/L	97
29) Cyclohexane	7.959	56	420190	19.783	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	316169	19.021	ug/L	99
31) Carbon tetrachloride	8.069	117	287257	19.048	ug/L	100
33) Benzene	8.325	78	922725	19.804	ug/L	100
34) Trichloroethene	9.087	95	227560	18.909	ug/L	97
35) Methylcyclohexane	9.337	83	416090	19.453	ug/L	99
37) 1,2-Dichloropropane	9.368	63	250873	19.976	ug/L	100
38) Bromodichloromethane	9.642	83	289513	20.395	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	361497	20.101	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	352101	46.481	ug/L	100
42) Toluene	10.386	91	912828	19.204	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	304560	20.613	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	172570	21.206	ug/L	100
46) Tetrachloroethene	10.861	164	166237	19.506	ug/L	95
48) 2-Hexanone	10.965	43	248333	46.553	ug/L	97
49) Dibromochloromethane	11.129	129	177420	21.049	ug/L	100
50) 1,2-Dibromoethane	11.233	107	163122	21.851	ug/L #	100
51) Chlorobenzene	11.654	112	571441	19.535	ug/L	98
52) Ethylbenzene	11.727	91	1065475	19.989	ug/L	100
53) m,p-Xylene	11.837	106	397286	20.190	ug/L	92
54) o-Xylene	12.160	106	374432	20.407	ug/L	100
55) Styrene	12.178	104	656204	21.097	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	220907	22.165	ug/L	98
59) Bromoform	12.349	173	104486	22.801	ug/L	98
60) Isopropylbenzene	12.465	105	1034461	20.365	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	162289	22.563	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	835917	20.930	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	724453	20.081	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	420646	19.623	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	410208	18.874	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	378638	20.021	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	36307	22.048	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	277946	19.930	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	220510	18.517	ug/L	97
71) Naphthalene	15.360	128	469628	22.080	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	206556	19.651	ug/L	99

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

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