

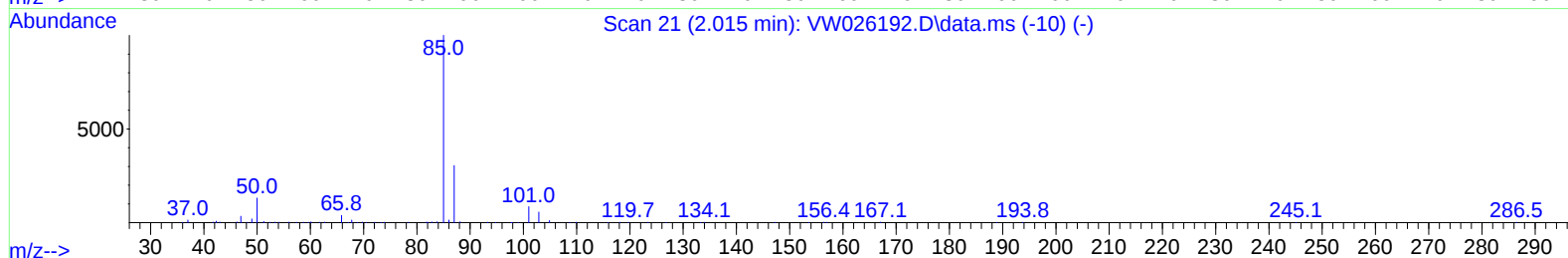
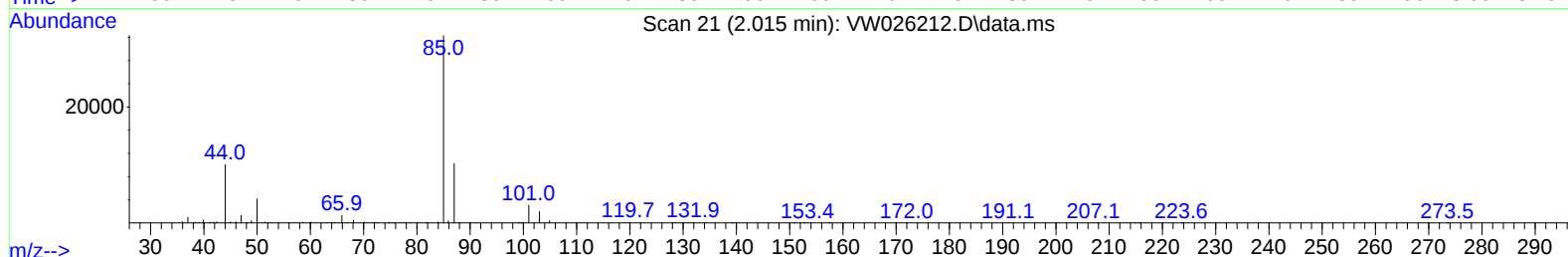
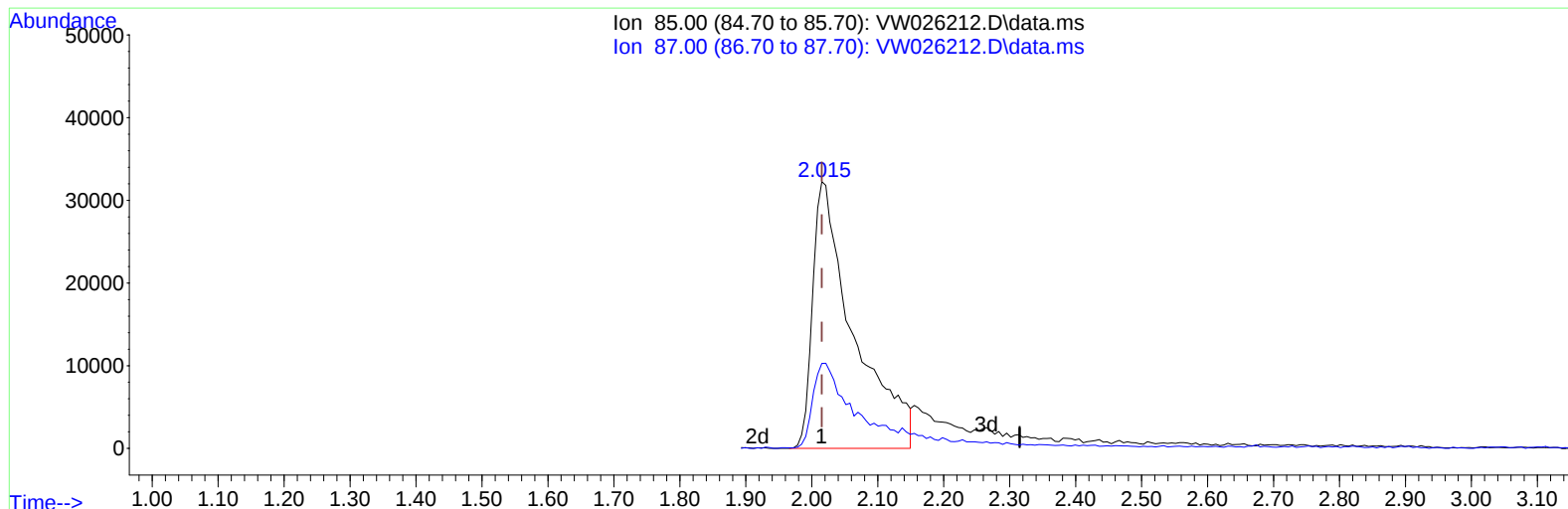
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
Data File : VW026212.D
Acq On : 15 Jun 2023 18:41
Operator : SY/MD
Sample : 03234-06MSD
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:23:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
Response via : Initial Calibration



TIC: VW026212.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 18.42 ug/L

response 139448

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	22.69
0.00	0.00	0.00
0.00	0.00	0.00

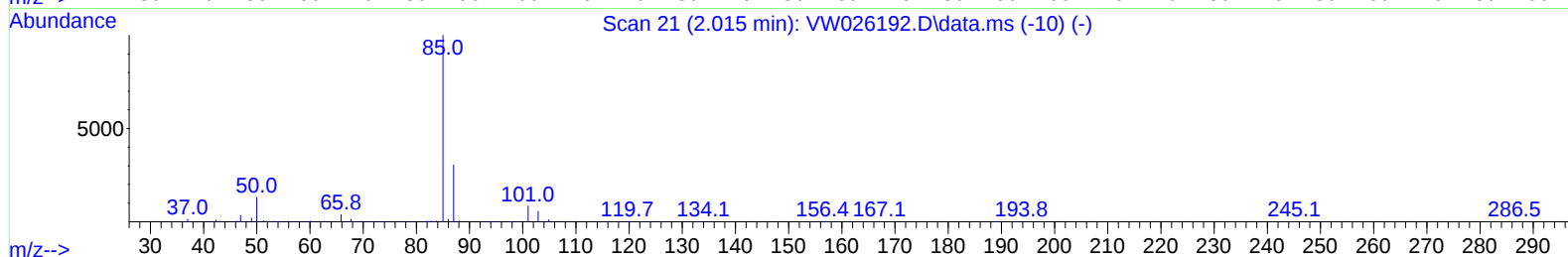
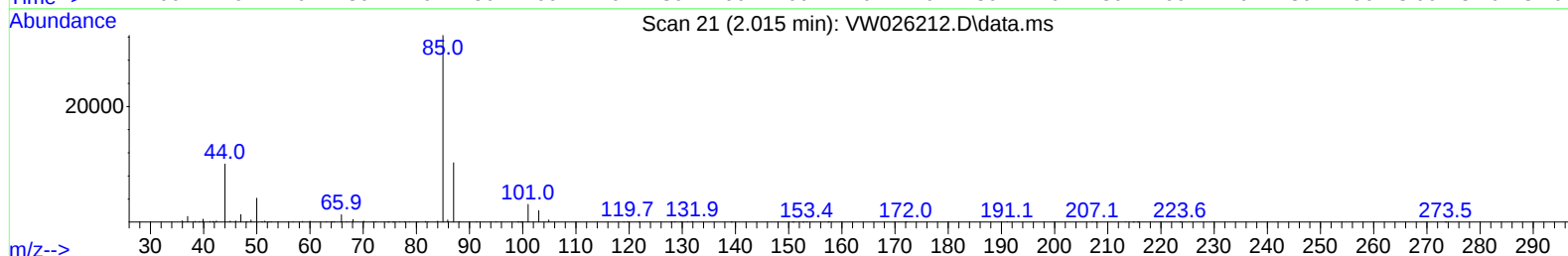
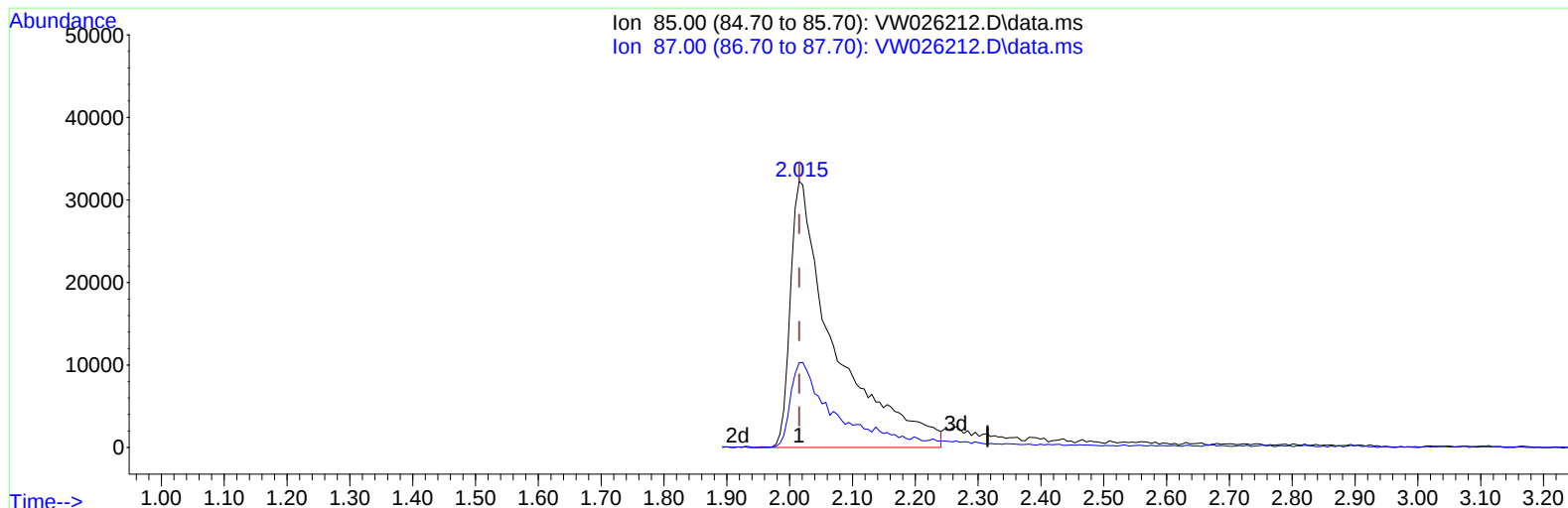
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TIC: VW026212.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 20.83 ug/L m

response 157767

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	20.05#
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	617719	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	219999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159445	18.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.400%
7) Chloroethane-d5	2.899	69	148186	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	4.027	65	82323	19.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.840%
21) 2-Butanone-d5	7.075	46	189638	74.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.920%#
24) Chloroform-d	7.648	84	406038	22.447	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	8.307	65	242718	24.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.276	84	772526	21.307	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.276	67	265003	23.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.325	98	634656	19.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.960%
43) trans-1,3-Dichloroprop...	10.575	79	97453	21.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.640%
47) 2-Hexanone-d5	10.922	63	130164	71.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252607	30.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	177614	21.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	157767m	20.834	ug/L	
3) Chloromethane	2.228	50	207731	21.394	ug/L	96
5) Vinyl chloride	2.375	62	212894	20.513	ug/L	99
6) Bromomethane	2.783	94	120444	21.287	ug/L	96
8) Chloroethane	2.936	64	128970	22.995	ug/L	97
9) Trichlorofluoromethane	3.265	101	141125	21.136	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	175831	20.869	ug/L	97
12) 1,1-Dichloroethene	4.051	96	160991	20.470	ug/L	80
13) Acetone	4.118	43	156437	79.912	ug/L	100
14) Carbon disulfide	4.393	76	475495	17.126	ug/L	99
15) Methyl Acetate	4.673	43	134251	30.556	ug/L	98
16) Methylene chloride	4.923	84	200001	20.286	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	173098	19.616	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	331200	23.814	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	384996	21.431	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	198851	21.274	ug/L	96
22) 2-Butanone	7.173	43	209000	74.843	ug/L	97
23) Bromochloromethane	7.514	128	88976	22.321	ug/L	96
25) Chloroform	7.673	83	360176	21.526	ug/L	100

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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	271480	23.525	ug/L	96
29) Cyclohexane	7.959	56	313943	18.872	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	266314	20.366	ug/L	98
31) Carbon tetrachloride	8.069	117	242644	20.335	ug/L	97
33) Benzene	8.319	78	782758	21.206	ug/L	100
34) Trichloroethene	9.093	95	227718	24.093	ug/L	97
35) Methylcyclohexane	9.331	83	289997	17.339	ug/L	99
37) 1,2-Dichloropropane	9.367	63	232651	23.270	ug/L	100
38) Bromodichloromethane	9.642	83	257617	22.179	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	314150	21.382	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	386813	65.624	ug/L	100
42) Toluene	10.386	91	787486	20.858	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	277413	22.664	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164683	24.993	ug/L	98
46) Tetrachloroethene	10.861	164	124345	18.599	ug/L	97
48) 2-Hexanone	10.965	43	291229	70.073	ug/L	98
49) Dibromochloromethane	11.129	129	165105	23.899	ug/L	97
50) 1,2-Dibromoethane	11.233	107	150552	24.676	ug/L	96
51) Chlorobenzene	11.654	112	453064	19.150	ug/L	99
52) Ethylbenzene	11.727	91	845709	19.857	ug/L	99
53) m,p-Xylene	11.836	106	308522	19.473	ug/L	99
54) o-Xylene	12.160	106	300133	20.070	ug/L	98
55) Styrene	12.178	104	508514	19.821	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	216602	27.163	ug/L	95
59) Bromoform	12.349	173	92258	27.920	ug/L	98
60) Isopropylbenzene	12.458	105	787075	22.774	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164532	33.388	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	605120	22.025	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	530351	21.076	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	269507	18.547	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	289437	19.784	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	275575	21.119	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	35982	31.515	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	139554	13.981	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	104809	12.725	ug/L	98
71) Naphthalene	15.360	128	302228	20.588	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	103562	14.387	ug/L	100

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

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