

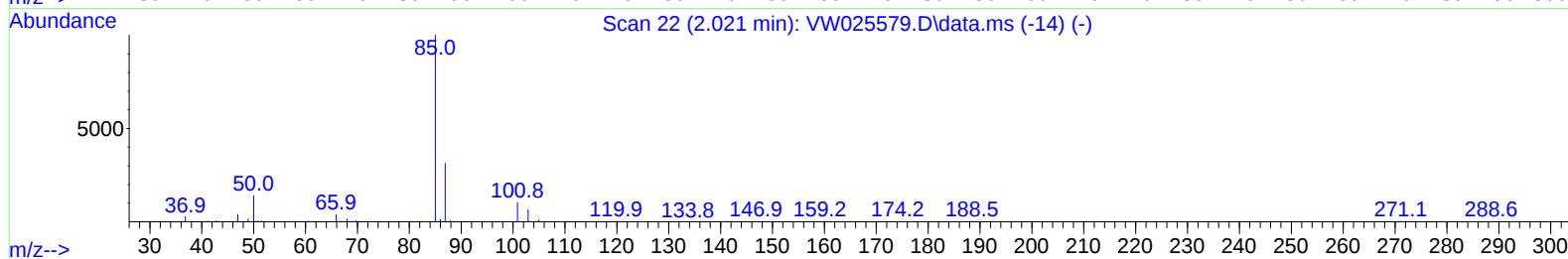
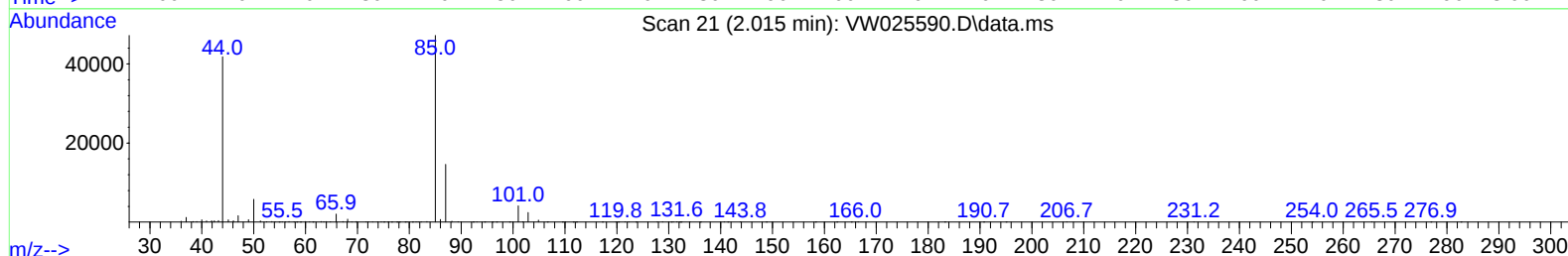
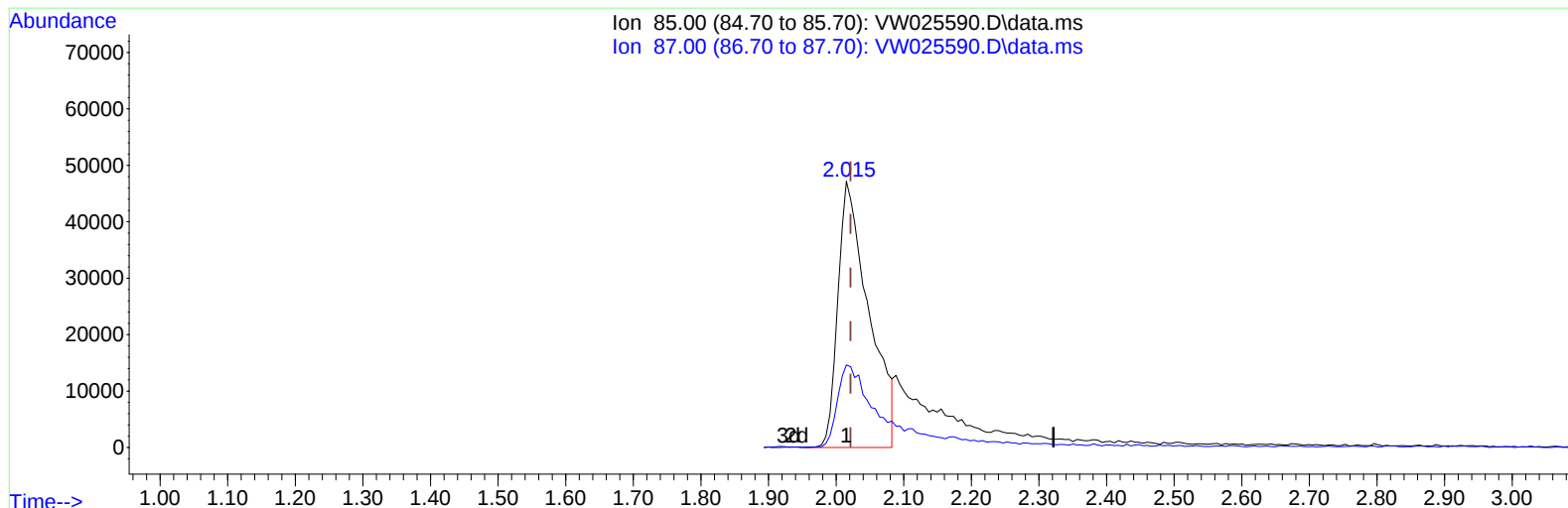
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
Data File : VW025590.D
Acq On : 19 Apr 2023 19:06
Operator : SY/MD
Sample : 02418-10MS
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5MS

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 01:35:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration



TIC: VW025590.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 18.29 ug/L

response 149697

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.80	35.54
0.00	0.00	0.00
0.00	0.00	0.00

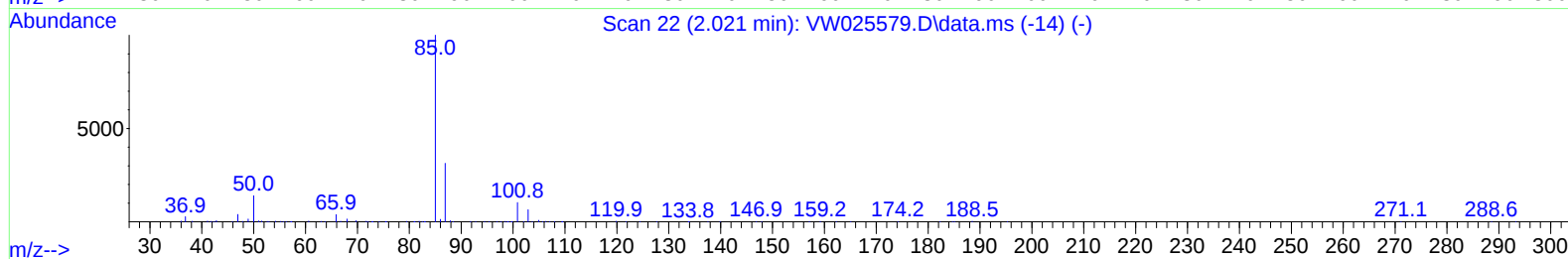
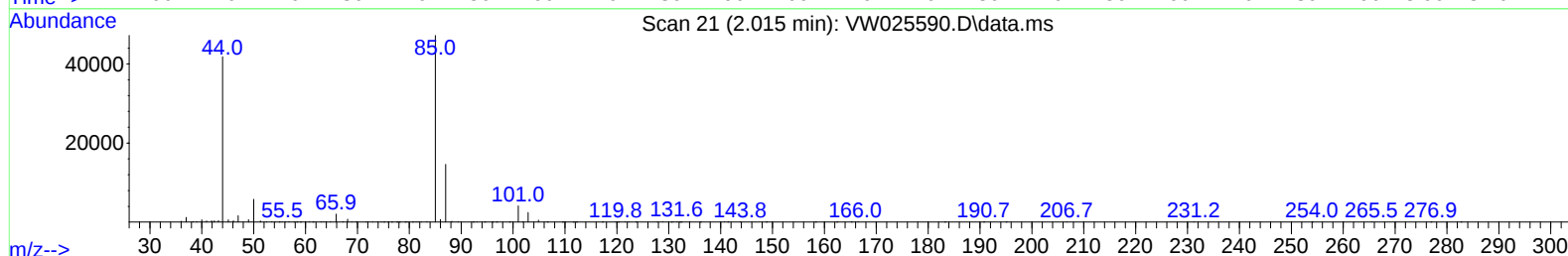
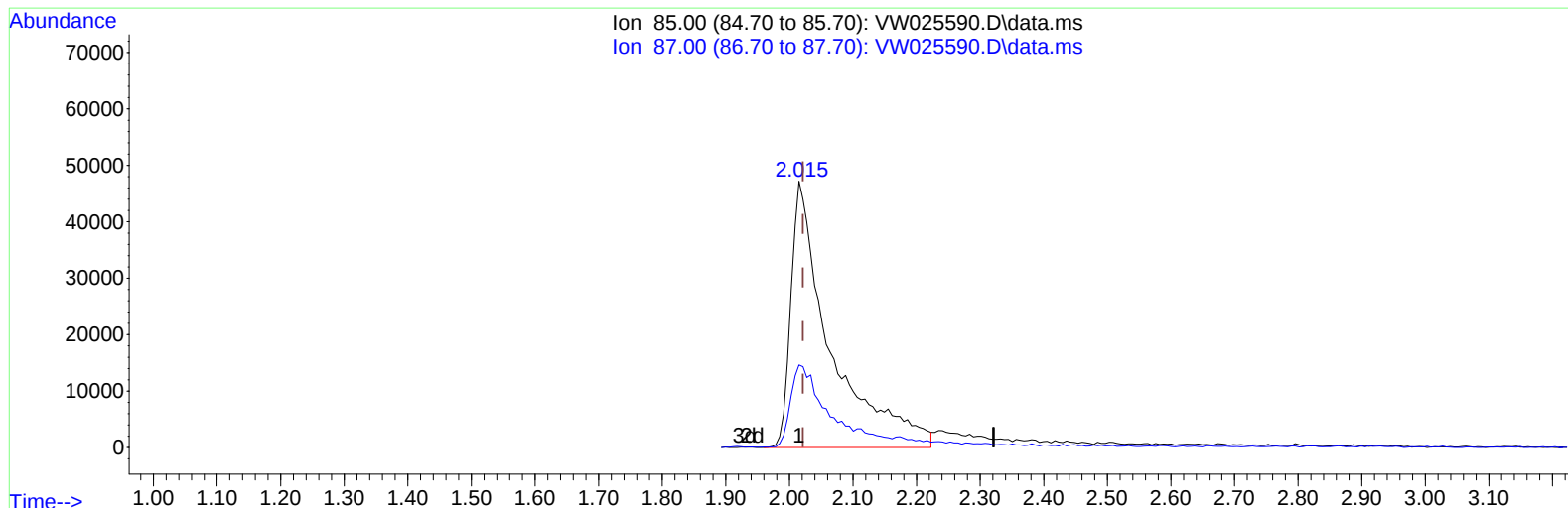
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TIC: VW025590.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 24.88 ug/L m

response 203602

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.80	26.13
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	585198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	370961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190498	20.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.899	69	158299	23.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.027	63	396529	20.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.075	46	112807	53.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
24) Chloroform-d	7.648	84	400845	24.396	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.307	65	219041	25.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.480%
32) Benzene-d6	8.276	84	751987	31.306	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.240%
36) 1,2-Dichloropropane-d6	9.270	67	253969	33.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.640%#
41) Toluene-d8	10.325	98	554819	26.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.575	79	71579	25.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.960%
47) 2-Hexanone-d5	10.922	63	71406	69.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152146	30.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.400%#
66) 1,2-Dichlorobenzene-d4	13.855	152	74024	21.860	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	203602m	24.880	ug/L	
3) Chloromethane	2.222	50	244268	25.728	ug/L	99
5) Vinyl chloride	2.375	62	255276	24.322	ug/L	98
6) Bromomethane	2.789	94	107115	18.972	ug/L	99
8) Chloroethane	2.936	64	151917	25.844	ug/L	94
9) Trichlorofluoromethane	3.265	101	187510	23.190	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	162610	20.041	ug/L	96
12) 1,1-Dichloroethene	4.045	96	183178	22.554	ug/L	99
13) Acetone	4.118	43	137428	76.434	ug/L	98
14) Carbon disulfide	4.393	76	475719	16.602	ug/L	98
15) Methyl Acetate	4.673	43	70276	17.397	ug/L	96
16) Methylene chloride	4.917	84	232813	25.029	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179773	20.820	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	360088	30.218	ug/L	99
19) 1,1-Dichloroethane	6.216	63	445565	25.827	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	211744	23.569	ug/L	95
22) 2-Butanone	7.167	43	185995	72.768	ug/L	93
23) Bromochloromethane	7.514	128	92466	25.097	ug/L	91
25) Chloroform	7.679	83	398995	25.291	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	276284	26.097	ug/L	96
29) Cyclohexane	7.959	56	233869	19.478	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	292871	31.774	ug/L	100
31) Carbon tetrachloride	8.069	117	231290	27.786	ug/L	98
33) Benzene	8.325	78	837433	32.433	ug/L	100
34) Trichloroethene	9.093	95	172754	25.722	ug/L	94
35) Methylcyclohexane	9.337	83	160792	13.258	ug/L	98
37) 1,2-Dichloropropane	9.368	63	240541	35.274	ug/L	100
38) Bromodichloromethane	9.642	83	250632	32.123	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	254856	26.054	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	319260	82.714	ug/L	99
42) Toluene	10.386	91	713560	27.139	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	210118	26.050	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	148642	34.186	ug/L	97
46) Tetrachloroethene	10.861	164	90604	19.181	ug/L	93
48) 2-Hexanone	10.965	43	215904	80.958	ug/L	97
49) Dibromochloromethane	11.129	129	135842	29.673	ug/L	98
50) 1,2-Dibromoethane	11.233	107	119520	29.917	ug/L	96
51) Chlorobenzene	11.654	112	350462	21.631	ug/L	100
52) Ethylbenzene	11.727	91	616451	20.719	ug/L	98
53) m,p-Xylene	11.837	106	222626	20.404	ug/L	91
54) o-Xylene	12.166	106	215630	21.125	ug/L	94
55) Styrene	12.178	104	339524	19.762	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	149748	28.753	ug/L	98
59) Bromoform	12.349	173	63446	46.974	ug/L	94
60) Isopropylbenzene	12.465	105	472533	30.604	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	118678	58.094	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	314745	25.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	294560	25.098	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	134004	20.943	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	130288	19.938	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	123301	21.981	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	18787	41.923	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	46091	10.759	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	28686	8.243	ug/L	93
71) Naphthalene	15.360	128	85109	13.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	23157	7.611	ug/L	95

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

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