Quantitation Report (Qedit)

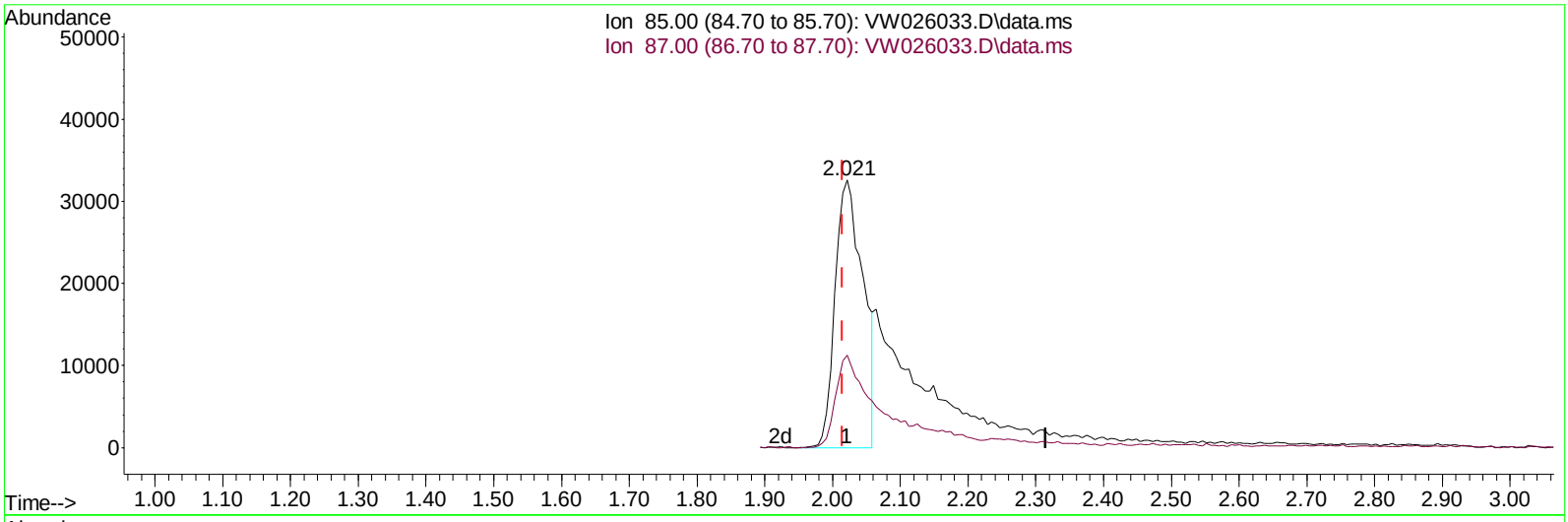
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052423\
Data File : VW026033.D
Acq On : 24 May 2023 16:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

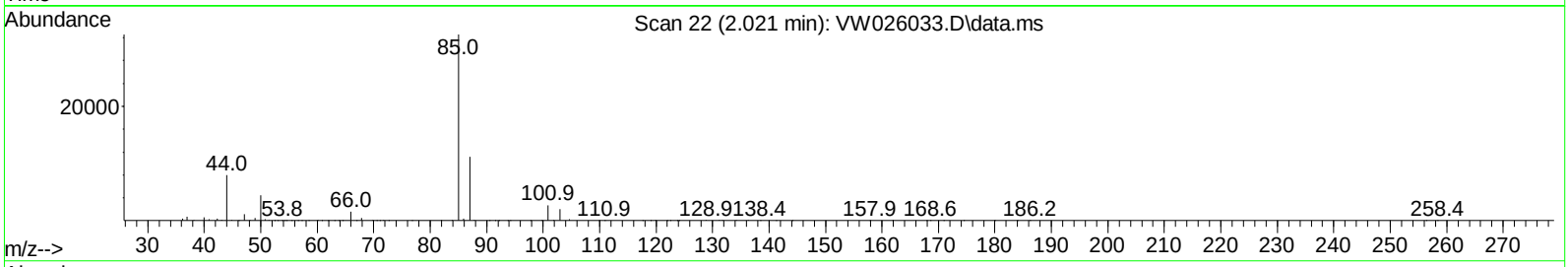
Quant Time: May 25 00:25:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 25 00:24:12 2023
Response via : Initial Calibration

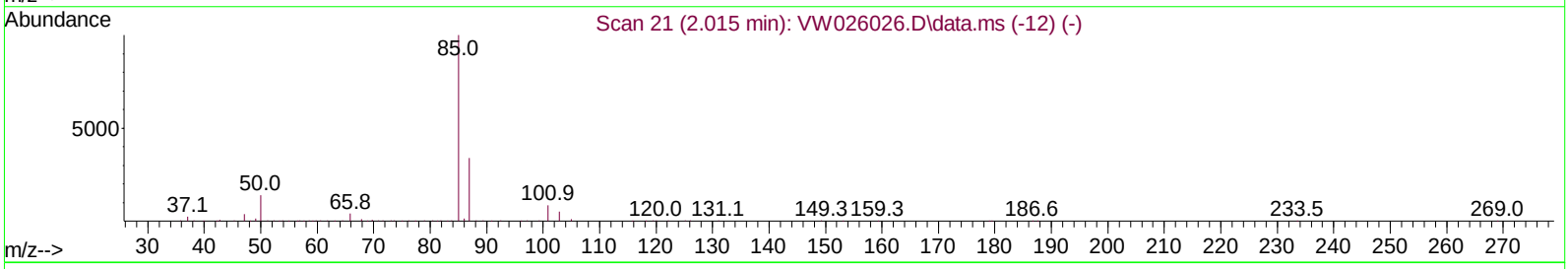
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023







TIC: VW026033.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.007) 14.26 ug/L

response 94133

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	46.62#
0.00	0.00	0.00
0.00	0.00	0.00

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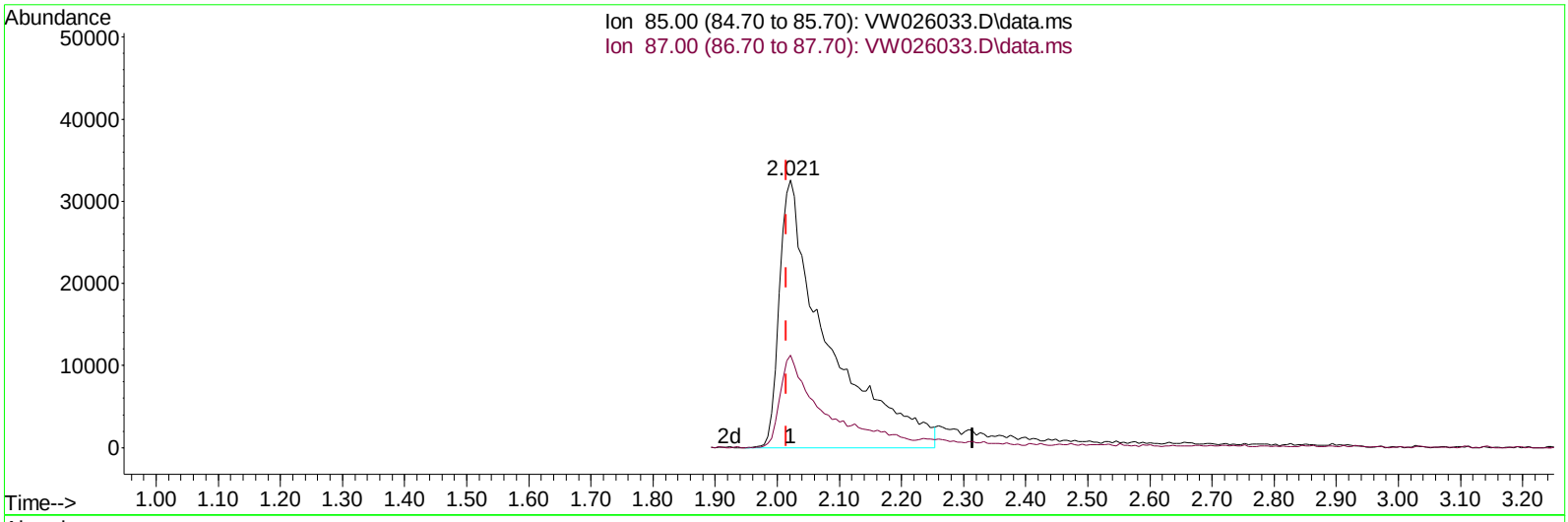

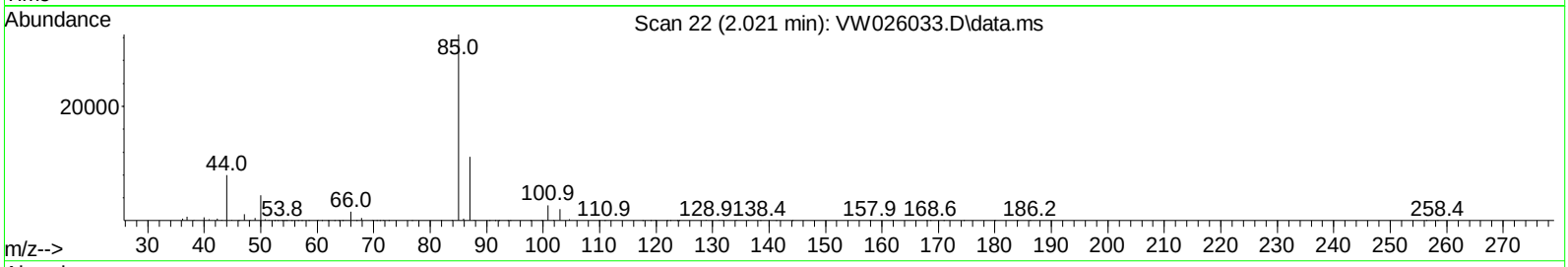

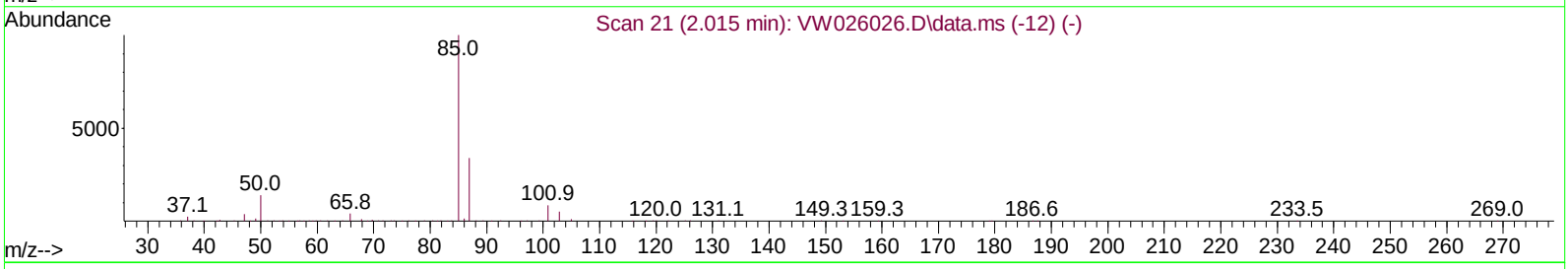

TIC: VW026033.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.007) 26.54 ug/L m

response 175202

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	25.05
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	590819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	547721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	139805	16.699	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.800%		
7) Chloroethane-d5	2.893	69	129803	20.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.640%		
11) 1,1-Dichloroethene-d2	4.021	65	74187	17.696	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.800%		
21) 2-Butanone-d5	7.075	46	130788	47.254	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.500%		
24) Chloroform-d	7.648	84	388541	22.807	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.240%		
26) 1,2-Dichloroethane-d4	8.307	65	204432	21.221	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.880%		
32) Benzene-d6	8.276	84	720142	20.122	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.480%		
36) 1,2-Dichloropropane-d6	9.270	67	248702	21.719	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.880%		
41) Toluene-d8	10.319	98	630192	19.747	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.000%		
43) trans-1,3-Dichloroprop...	10.581	79	92461	19.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.680%		
47) 2-Hexanone-d5	10.922	63	92692	47.471	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	209924	24.052	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	13.849	152	218162	20.300	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	175202m	26.543	ug/L	
3) Chloromethane	2.223	50	222615	22.874	ug/L	100
5) Vinyl chloride	2.375	62	250588	24.876	ug/L	99
6) Bromomethane	2.790	94	134905	24.622	ug/L	97
8) Chloroethane	2.930	64	145999	25.489	ug/L	99
9) Trichlorofluoromethane	3.265	101	165161	21.725	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	214045	25.888	ug/L	98
12) 1,1-Dichloroethene	4.039	96	196337	24.848	ug/L	96
13) Acetone	4.119	43	106318	43.321	ug/L	96
14) Carbon disulfide	4.393	76	579757	21.696	ug/L	100
15) Methyl Acetate	4.673	43	114242	23.622	ug/L	98
16) Methylene chloride	4.917	84	274067	22.493	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	209534	24.308	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	331943	25.372	ug/L	99
19) 1,1-Dichloroethane	6.216	63	457643	25.840	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	235367	25.451	ug/L	98
22) 2-Butanone	7.167	43	152391	44.969	ug/L	98
23) Bromochloromethane	7.514	128	100195	25.574	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.679	83	431192	26.490	ug/L	98
27) 1,2-Dichloroethane	8.398	62	283845	24.554	ug/L	99
29) Cyclohexane	7.953	56	396020	23.332	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	339658	25.357	ug/L	99
31) Carbon tetrachloride	8.075	117	296384	24.586	ug/L	98
33) Benzene	8.325	78	940201	24.811	ug/L	100
34) Trichloroethene	9.087	95	237782	24.453	ug/L	93
35) Methylcyclohexane	9.337	83	410014	23.707	ug/L	99
37) 1,2-Dichloropropane	9.368	63	265823	25.604	ug/L	100
38) Bromodichloromethane	9.642	83	306714	25.750	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	374478	24.596	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	326296	48.285	ug/L	99
42) Toluene	10.386	91	989473	25.555	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	317553	25.172	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	171878	24.749	ug/L	98
46) Tetrachloroethene	10.861	164	166825	24.386	ug/L	91
48) 2-Hexanone	10.965	43	230620	47.637	ug/L	99
49) Dibromochloromethane	11.123	129	183607	25.537	ug/L	95
50) 1,2-Dibromoethane	11.233	107	152698	23.850	ug/L	100
51) Chlorobenzene	11.654	112	605730	25.253	ug/L	97
52) Ethylbenzene	11.727	91	1106899	25.414	ug/L	99
53) m,p-Xylene	11.837	106	413106	25.771	ug/L	96
54) o-Xylene	12.160	106	383585	25.387	ug/L	99
55) Styrene	12.178	104	692548	26.780	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	217231	25.068	ug/L	99
59) Bromoform	12.349	173	98938	22.657	ug/L	97
60) Isopropylbenzene	12.459	105	1115494	24.893	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	158102	22.692	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	880266	24.801	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	809751	24.723	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	455998	23.638	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	459883	23.597	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	406688	23.639	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	35231	21.806	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	310601	24.256	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	249951	23.300	ug/L	97
71) Naphthalene	15.360	128	461362	22.786	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	231410	24.312	ug/L	98

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

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