Quantitation Report (Qedit)

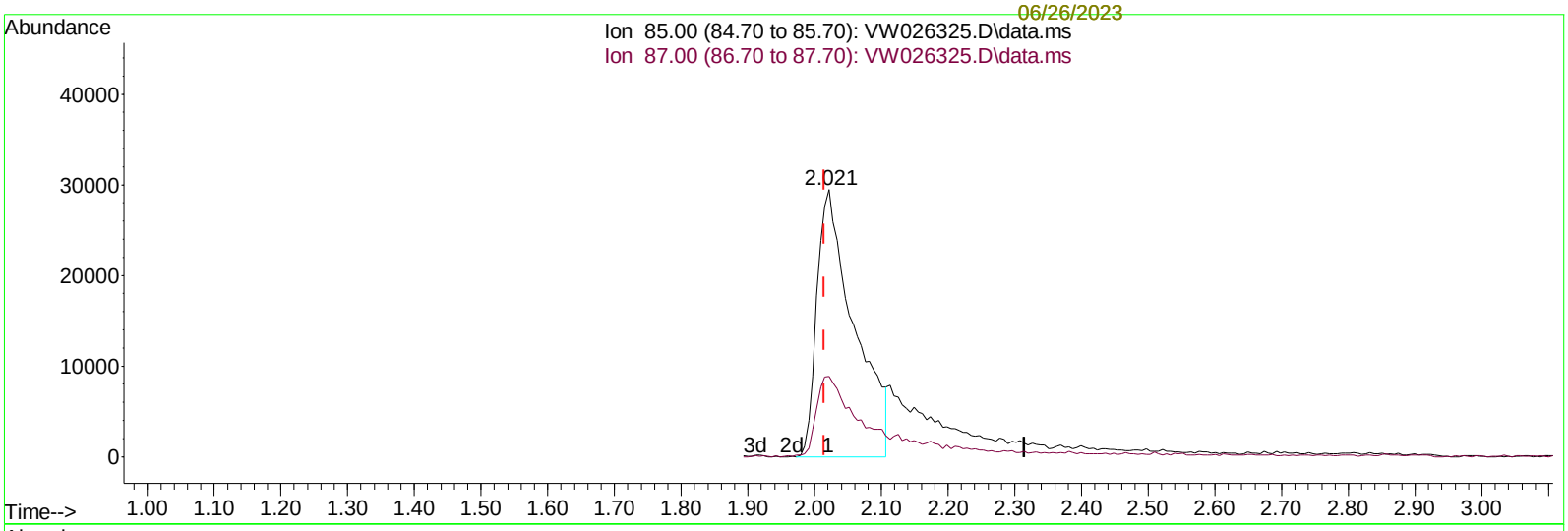
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
Data File : VW026325.D
Acq On : 23 Jun 2023 16:01
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

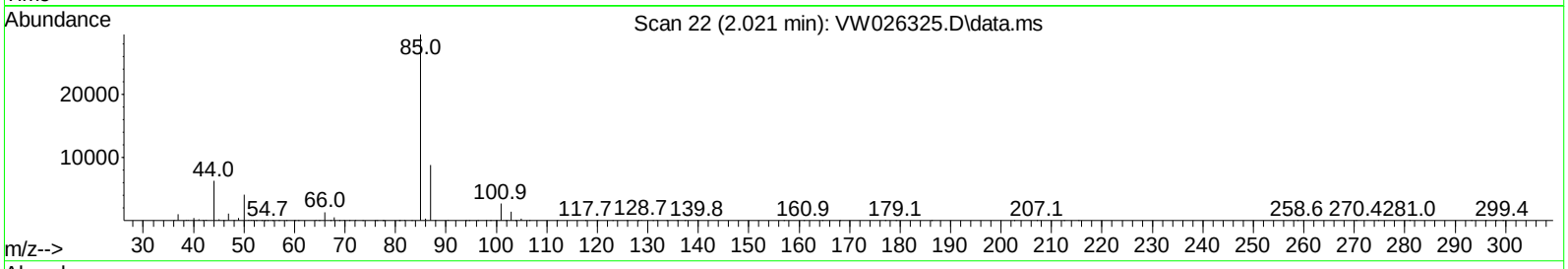
Quant Time: Jun 23 23:11:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 23 23:07:45 2023
Response via : Initial Calibration

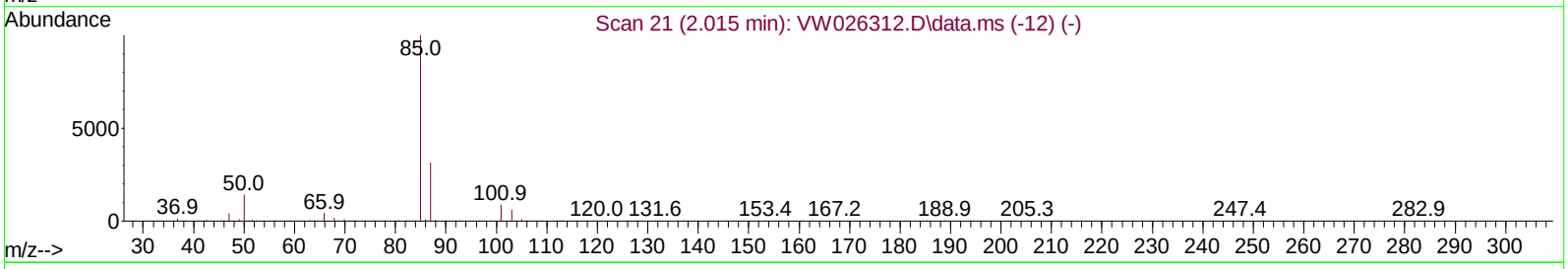
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt
06/26/2023
Supervised By :Mahesh Dadoda
06/26/2023







TIC: VW026325.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.007) 15.44 ug/L

response 113906

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	29.53
0.00	0.00	0.00
0.00	0.00	0.00

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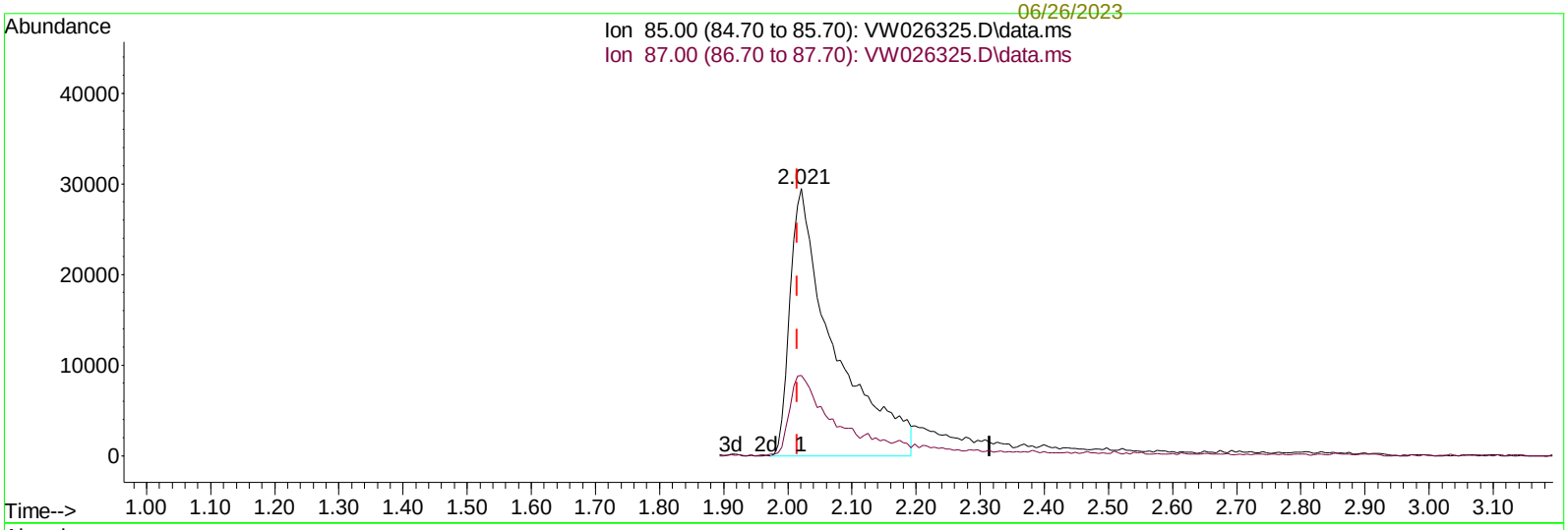

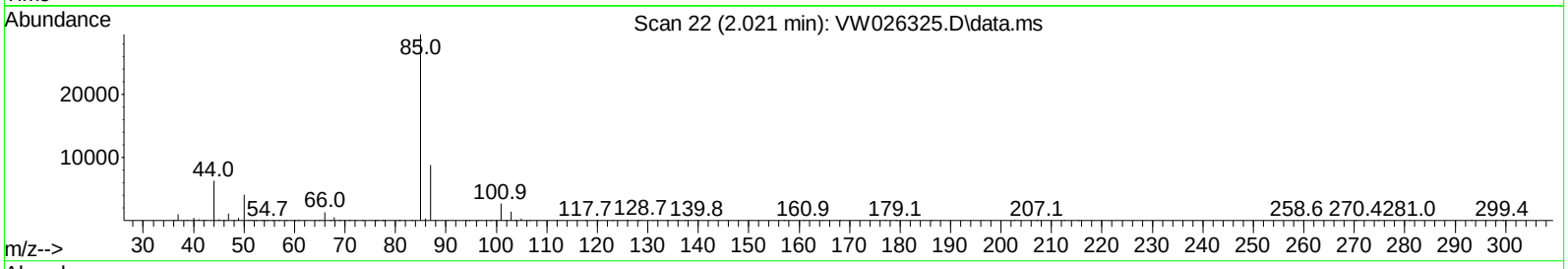

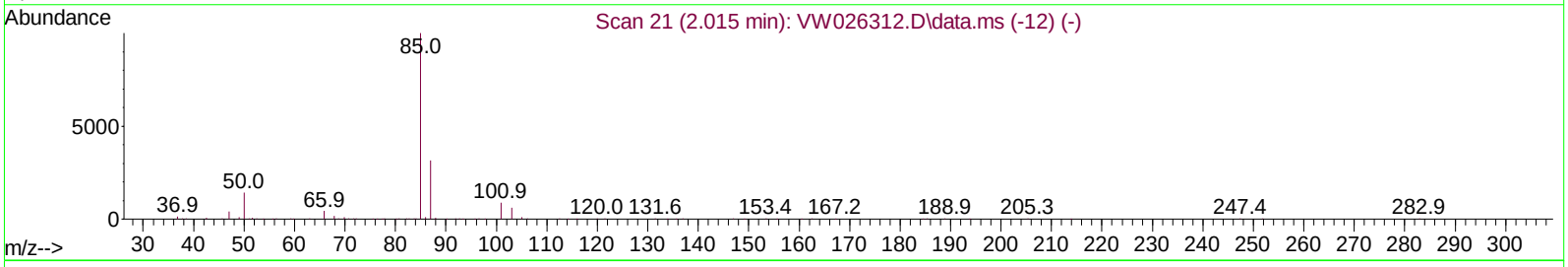

TIC: VW026325.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.007) 19.00 ug/L m

response 140171

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	24.00
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	601943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563619	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138600	16.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.480%			
7) Chloroethane-d5	2.893	69	117296	18.504	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.000%			
11) 1,1-Dichloroethene-d2	4.027	65	72668	17.403	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.600%			
21) 2-Butanone-d5	7.075	46	160211	64.985	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.960%			
24) Chloroform-d	7.648	84	418925	23.766	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.080%			
26) 1,2-Dichloroethane-d4	8.307	65	231340	24.001	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	8.276	84	753297	19.863	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.440%			
36) 1,2-Dichloropropane-d6	9.270	67	265181	22.071	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.280%			
41) Toluene-d8	10.325	98	643166	19.123	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.480%			
43) trans-1,3-Dichloroprop...	10.575	79	91132	19.141	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.560%			
47) 2-Hexanone-d5	10.922	63	109627	57.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238290	27.254	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.000%			
66) 1,2-Dichlorobenzene-d4	13.849	152	230632	21.450	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	140171m	18.996	ug/L	
3) Chloromethane	2.223	50	204240	21.586	ug/L	95
5) Vinyl chloride	2.375	62	220424	21.795	ug/L	100
6) Bromomethane	2.783	94	114894	20.839	ug/L	99
8) Chloroethane	2.930	64	118197	21.627	ug/L	97
9) Trichlorofluoromethane	3.265	101	142377	21.882	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185054	22.540	ug/L	99
12) 1,1-Dichloroethene	4.045	96	167717	21.884	ug/L	83
13) Acetone	4.119	43	80776	42.344	ug/L	97
14) Carbon disulfide	4.393	76	492255	18.195	ug/L	99
15) Methyl Acetate	4.667	43	109872	25.663	ug/L	99
16) Methylene chloride	4.917	84	221994	23.106	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	182566	21.232	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	310858	22.938	ug/L	99
19) 1,1-Dichloroethane	6.216	63	405977	23.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	210643	23.127	ug/L	96
22) 2-Butanone	7.167	43	141557	52.020	ug/L	97
23) Bromochloromethane	7.514	128	89041	22.922	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	390153	23.928	ug/L	99
27) 1,2-Dichloroethane	8.398	62	269752	23.988	ug/L	98
29) Cyclohexane	7.959	56	325894	18.729	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	298995	21.860	ug/L	100
31) Carbon tetrachloride	8.069	117	261229	20.930	ug/L	99
33) Benzene	8.319	78	842148	21.812	ug/L	100
34) Trichloroethene	9.093	95	204198	20.654	ug/L	94
35) Methylcyclohexane	9.337	83	331784	18.965	ug/L	98
37) 1,2-Dichloropropane	9.368	63	237721	22.732	ug/L	99
38) Bromodichloromethane	9.642	83	277316	22.825	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	332124	21.611	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	310106	50.297	ug/L	100
42) Toluene	10.386	91	872558	22.095	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	280133	21.880	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	163501	23.723	ug/L	98
46) Tetrachloroethene	10.861	164	140675	20.117	ug/L	97
48) 2-Hexanone	10.965	43	213593	49.133	ug/L	98
49) Dibromochloromethane	11.130	129	165488	22.901	ug/L	84
50) 1,2-Dibromoethane	11.233	107	147240	23.072	ug/L	97
51) Chlorobenzene	11.654	112	545061	22.026	ug/L	99
52) Ethylbenzene	11.727	91	963047	21.618	ug/L	95
53) m,p-Xylene	11.837	106	357095	21.548	ug/L	95
54) o-Xylene	12.166	106	342947	21.925	ug/L	98
55) Styrene	12.178	104	609776	22.723	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	202767	24.310	ug/L	97
59) Bromoform	12.349	173	91966	21.797	ug/L	100
60) Isopropylbenzene	12.459	105	946165	21.441	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	146737	23.320	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	753517	21.479	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	693256	21.576	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	391940	21.123	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	406867	21.780	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	338151	20.295	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	31838	21.839	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	250602	19.662	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	214233	20.370	ug/L	95
71) Naphthalene	15.360	128	410834	21.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	193814	21.086	ug/L	97

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

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