Quantitation Report (Qedit)

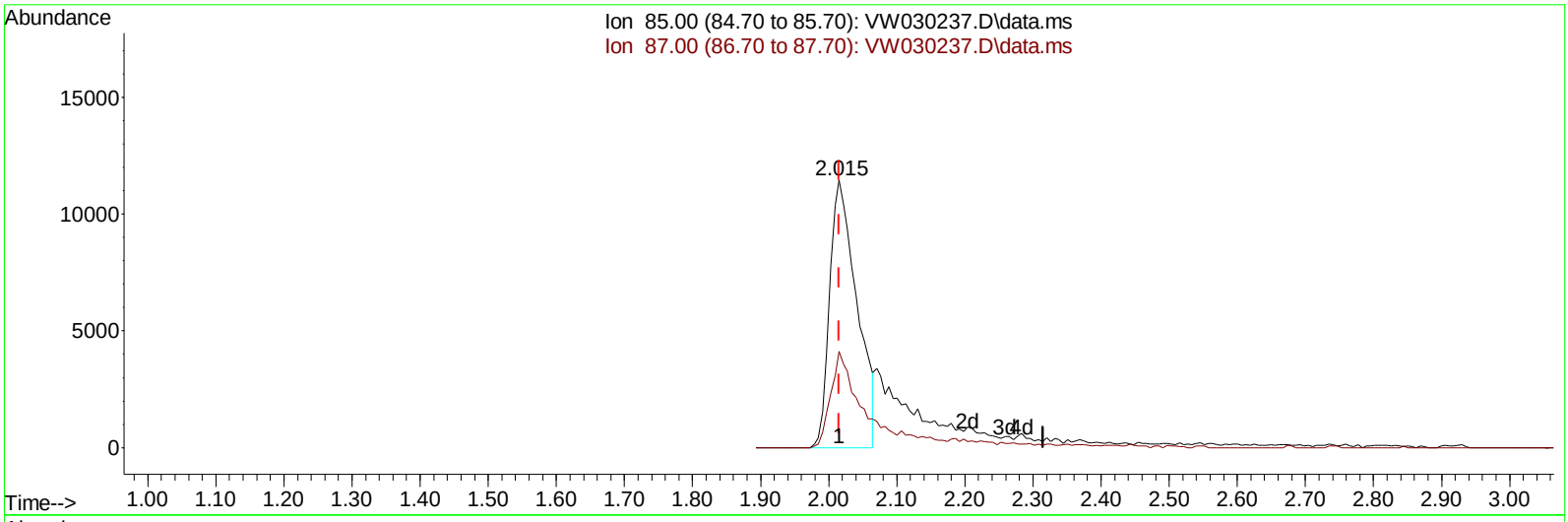
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092524\
Data File : VW030237.D
Acq On : 25 Sep 2024 10:21
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

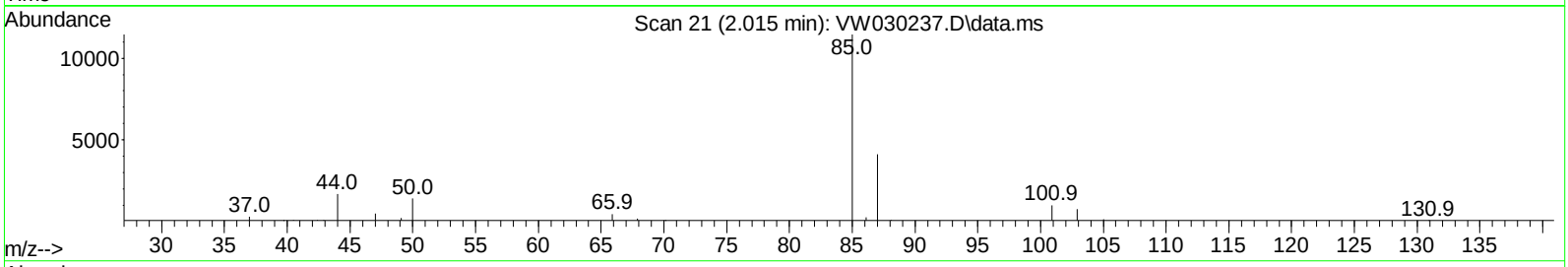
Quant Time: Sep 26 01:12:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:17:29 2024
Response via : Initial Calibration

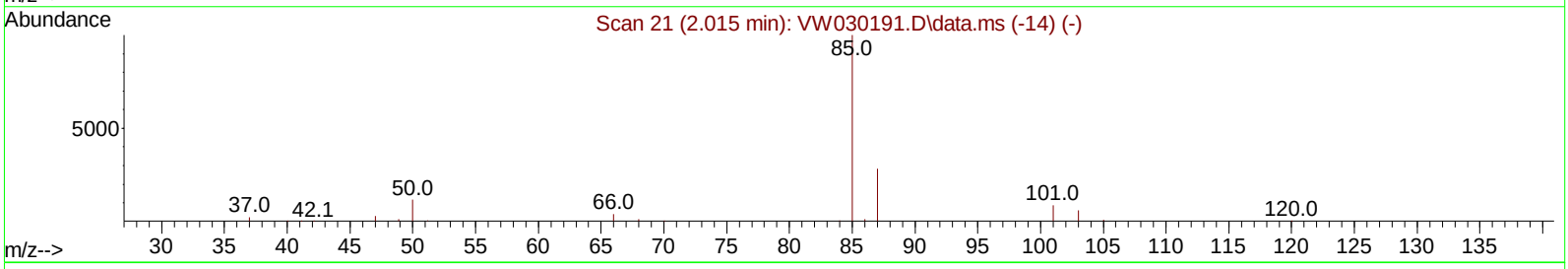
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/26/2024
Supervised By :Semsettin Yesilyurt 09/26/2024







TIC: VW030237.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 16.14 ug/L

response 31729

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	39.28#
0.00	0.00	0.00
0.00	0.00	0.00

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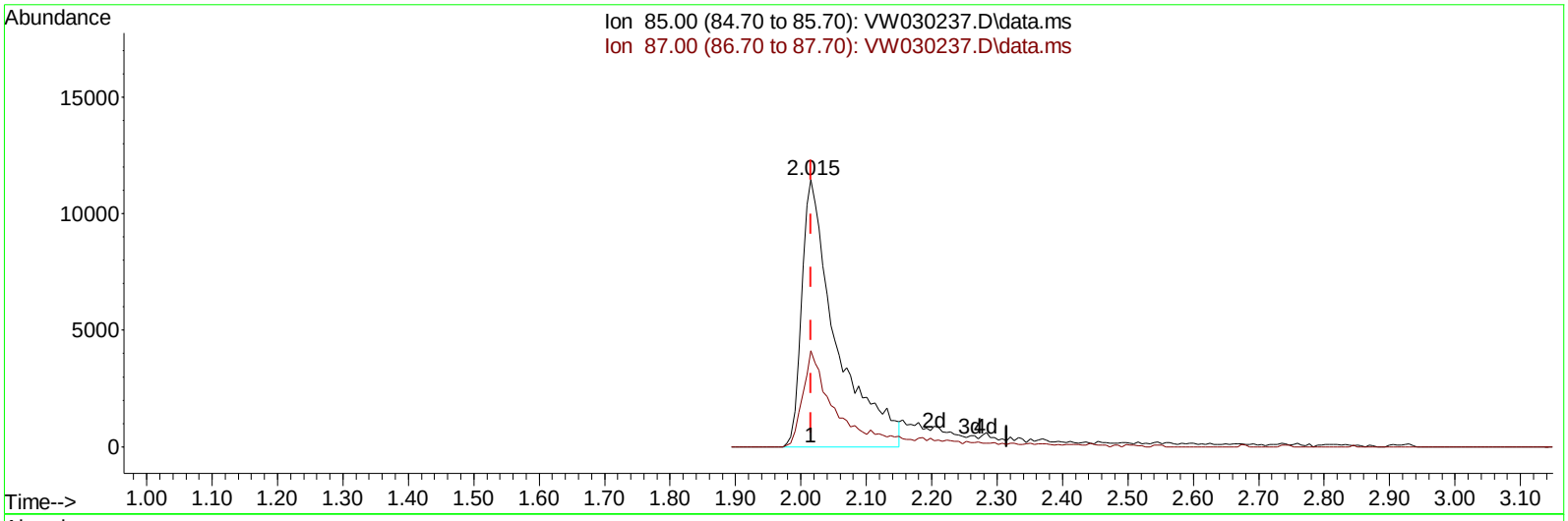

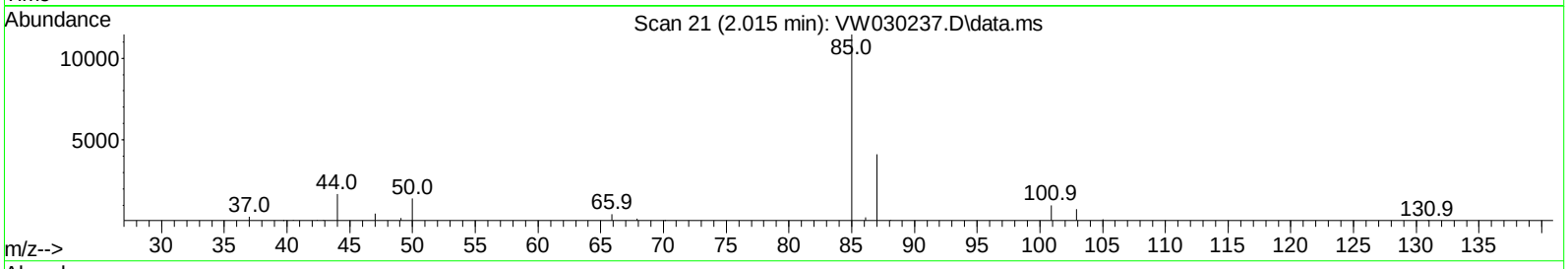

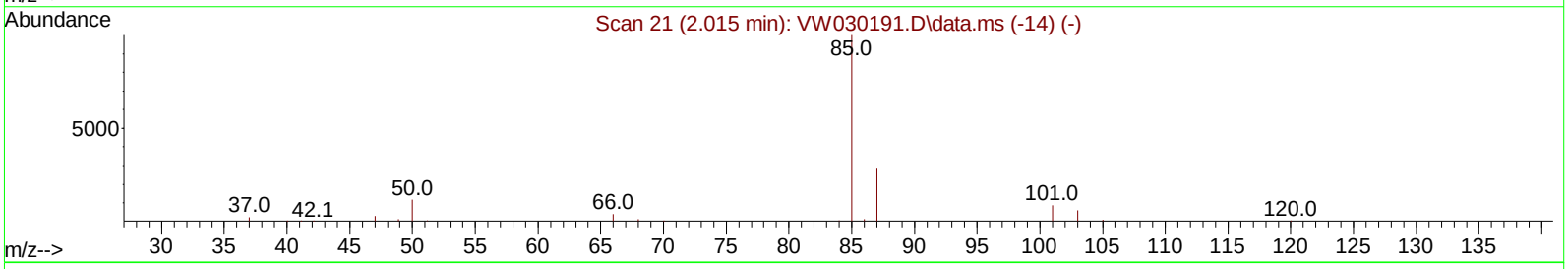

TIC: VW030237.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 21.21 ug/L m

response 41689

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	29.89
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : SFAM01.0
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	178254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	164732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	47686	20.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.880%			
7) Chloroethane-d5	2.899	69	36465	22.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.760%			
11) 1,1-Dichloroethene-d2	4.027	65	22764	19.791	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.160%			
21) 2-Butanone-d5	7.075	46	28632	51.367	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.740%			
24) Chloroform-d	7.648	84	114084	23.277	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.120%			
26) 1,2-Dichloroethane-d4	8.307	65	59248	24.073	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.280%			
32) Benzene-d6	8.270	84	214038	22.554	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	9.270	67	67691	23.102	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.400%			
41) Toluene-d8	10.319	98	187421	22.038	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.160%			
43) trans-1,3-Dichloroprop...	10.575	79	26193	22.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.240%			
47) 2-Hexanone-d5	10.922	63	23390	52.168	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.340%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54767	25.106	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.440%			
66) 1,2-Dichlorobenzene-d4	13.849	152	61156	22.364	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	41689m	21.210	ug/L	
3) Chloromethane	2.223	50	49013	26.708	ug/L	100
5) Vinyl chloride	2.375	62	63831	28.224	ug/L	97
6) Bromomethane	2.790	94	36724	27.105	ug/L	91
8) Chloroethane	2.936	64	37126	27.505	ug/L	99
9) Trichlorofluoromethane	3.271	101	54633	20.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	61622	25.485	ug/L	99
12) 1,1-Dichloroethene	4.045	96	55796	26.222	ug/L	91
13) Acetone	4.119	43	41820	65.395	ug/L	95
14) Carbon disulfide	4.387	76	139376	23.058	ug/L	97
15) Methyl Acetate	4.673	43	28246	27.312	ug/L	98
16) Methylene chloride	4.923	84	65151	24.787	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	60804	25.922	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	103163	27.906	ug/L	98
19) 1,1-Dichloroethane	6.216	63	129176	27.120	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	70475	27.377	ug/L	97
22) 2-Butanone	7.167	43	43404	57.337	ug/L	99
23) Bromochloromethane	7.514	128	30547	26.553	ug/L	97

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Supervised By :Semsettin Yesilyurt 09/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.673	83	131628	27.209	ug/L		96
27) 1,2-Dichloroethane	8.398	62	83821	27.631	ug/L		99
29) Cyclohexane	7.959	56	91951	26.199	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	105452	26.465	ug/L		98
31) Carbon tetrachloride	8.069	117	92762	25.620	ug/L		98
33) Benzene	8.325	78	275619	27.366	ug/L		100
34) Trichloroethene	9.093	95	70732	26.016	ug/L		98
35) Methylcyclohexane	9.337	83	109876	26.214	ug/L		99
37) 1,2-Dichloropropane	9.368	63	75288	27.580	ug/L		99
38) Bromodichloromethane	9.642	83	95612	27.815	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	112060	28.060	ug/L		94
40) 4-Methyl-2-pentanone	10.209	43	84405	60.512	ug/L		97
42) Toluene	10.386	91	299163	27.993	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	94445	28.113	ug/L		97
45) 1,1,2-Trichloroethane	10.788	97	53997	27.184	ug/L		97
46) Tetrachloroethene	10.861	164	50910	25.377	ug/L		96
48) 2-Hexanone	10.965	43	66890	62.360	ug/L		97
49) Dibromochloromethane	11.130	129	58258	26.948	ug/L		99
50) 1,2-Dibromoethane	11.233	107	47792	26.093	ug/L	#	100
51) Chlorobenzene	11.654	112	184061	26.665	ug/L		93
52) Ethylbenzene	11.727	91	337786	27.612	ug/L		96
53) m,p-Xylene	11.837	106	125519	27.809	ug/L		97
54) o-Xylene	12.166	106	120508	28.372	ug/L		91
55) Styrene	12.178	104	212043	28.782	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.709	83	65973	27.826	ug/L		100
59) Bromoform	12.349	173	33701	26.434	ug/L		100
60) Isopropylbenzene	12.459	105	332046	27.996	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	47070	28.087	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	272541	31.352	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	267358	29.584	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	149815	28.501	ug/L		90
65) 1,4-Dichlorobenzene	13.574	146	147527	27.166	ug/L		94
67) 1,2-Dichlorobenzene	13.867	146	135081	28.515	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.483	75	9853	26.959	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	104467	28.473	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	85451	28.751	ug/L		97
71) Naphthalene	15.360	128	162444	30.099	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	72766	27.920	ug/L		96

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

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