Quantitation Report (Qedit)

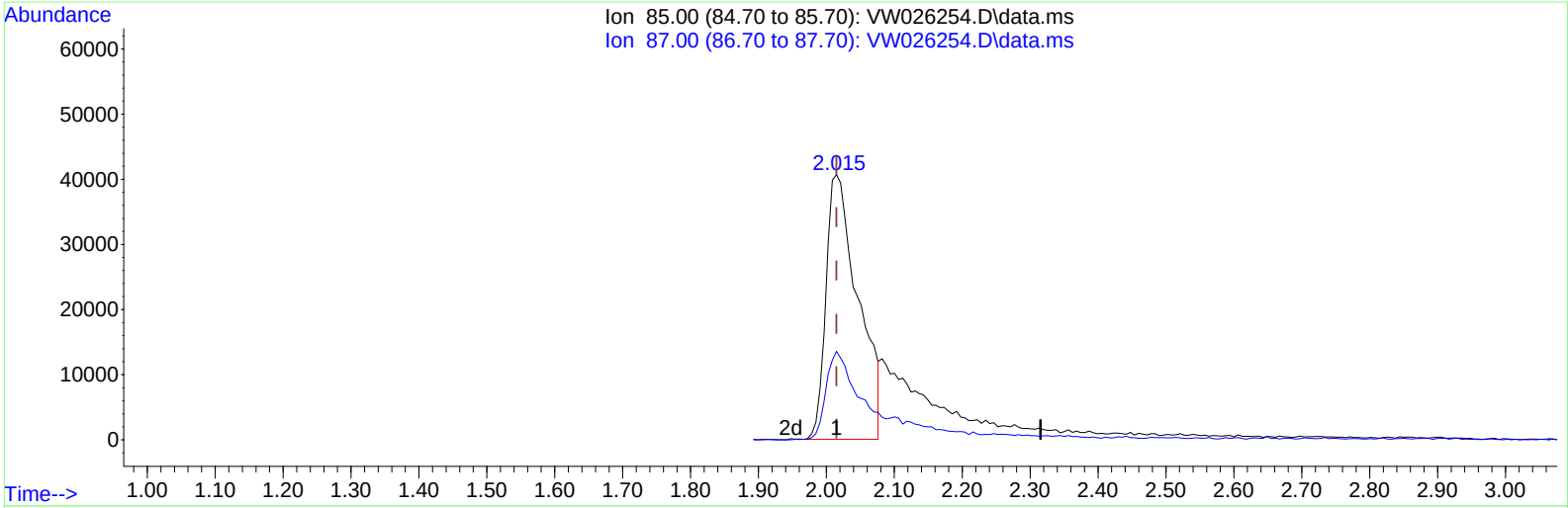
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
Data File : VW026254.D
Acq On : 19 Jun 2023 17:56
Operator : SY/MD
Sample : 03325-02MS
Misc : 5.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

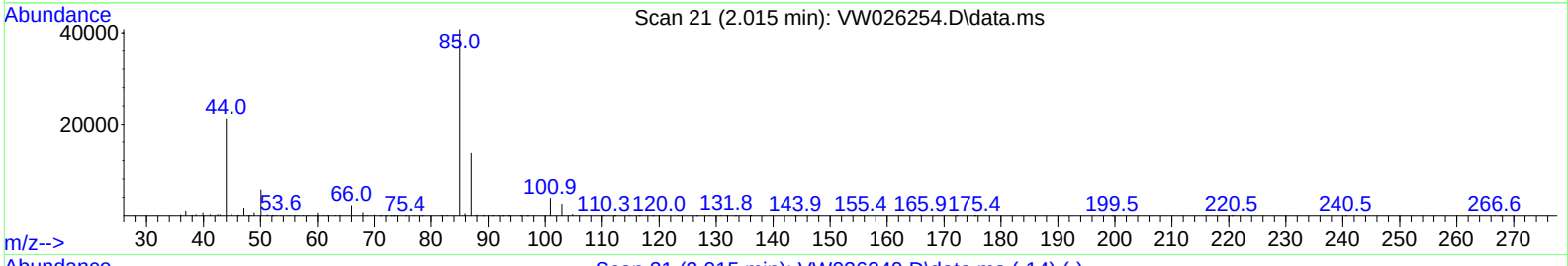
Quant Time: Jun 20 03:19:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 23:58:43 2023
Response via : Initial Calibration

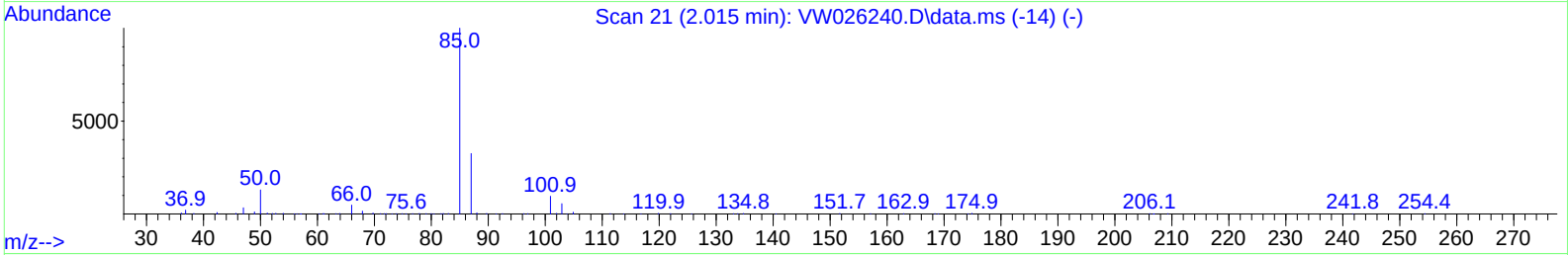
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2023
Supervised By :Mahesh Dadoda 06/26/2023







TIC: VW026254.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 14.77 ug/L

response 133737

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	34.11#
0.00	0.00	0.00
0.00	0.00	0.00

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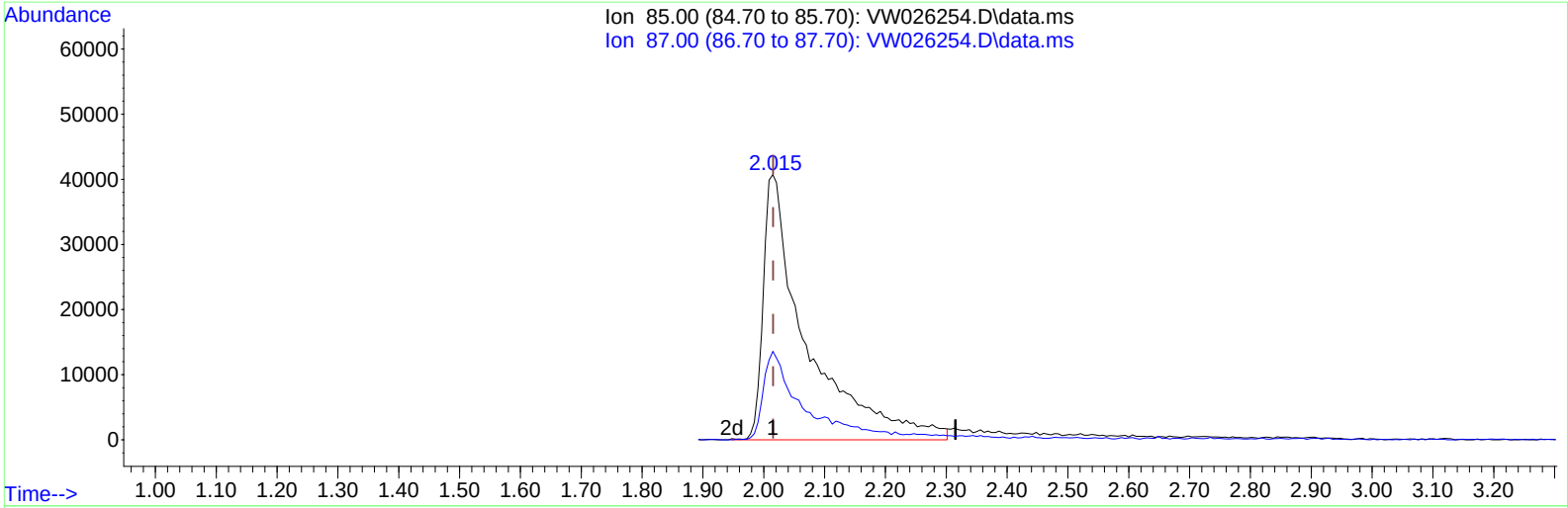

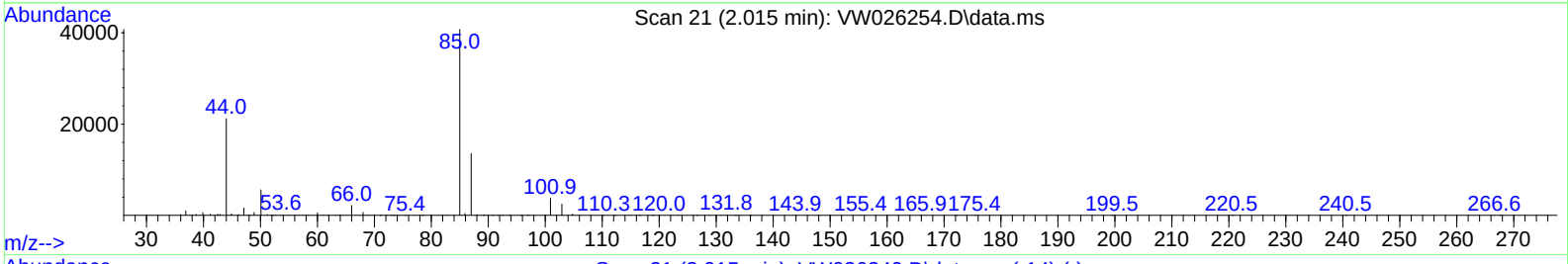

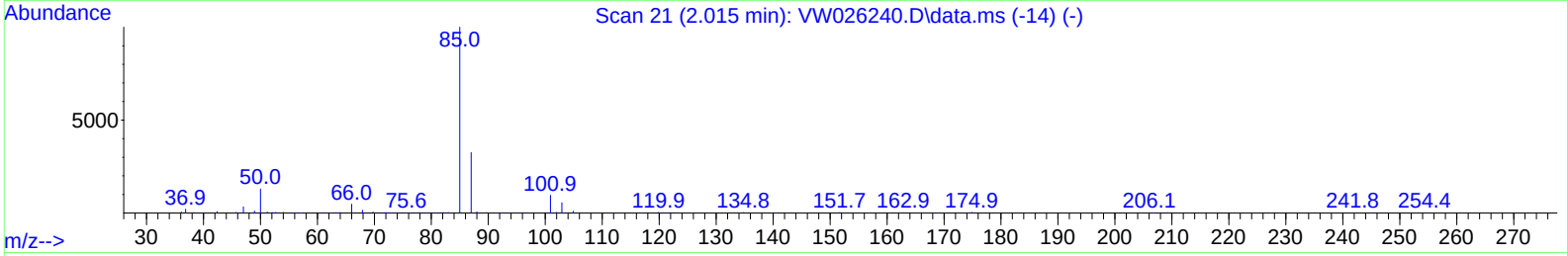

TIC: VW026254.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 22.28 ug/L m

response 201771

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	27.70	22.61
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	738868	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	222678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	180167	17.333	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.320%			
7) Chloroethane-d5	2.893	69	178055	22.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.520%			
11) 1,1-Dichloroethene-d2	4.021	65	94059	18.352	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.400%			
21) 2-Butanone-d5	7.075	46	216667	71.598	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.200%#			
24) Chloroform-d	7.648	84	514172	23.764	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.040%			
26) 1,2-Dichloroethane-d4	8.306	65	282884	23.910	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.640%			
32) Benzene-d6	8.276	84	961584	23.377	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.520%			
36) 1,2-Dichloropropane-d6	9.270	67	327387	25.122	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.480%			
41) Toluene-d8	10.324	98	782299	21.445	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.760%			
43) trans-1,3-Dichloroprop...	10.574	79	99694	19.305	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.240%			
47) 2-Hexanone-d5	10.922	63	141536	68.879	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	277949	29.310	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	185152	21.723	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	201771m	22.276	ug/L	
3) Chloromethane	2.222	50	248199	21.371	ug/L	97
5) Vinyl chloride	2.375	62	253990	20.460	ug/L	99
6) Bromomethane	2.783	94	142179	21.009	ug/L	100
8) Chloroethane	2.929	64	158065	23.562	ug/L	96
9) Trichlorofluoromethane	3.259	101	195885	24.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	214848	21.319	ug/L	98
12) 1,1-Dichloroethene	4.045	96	192353	20.447	ug/L	89
13) Acetone	4.118	43	155915	66.586	ug/L	97
14) Carbon disulfide	4.386	76	490339	14.765	ug/L	99
15) Methyl Acetate	4.667	43	140365	26.709	ug/L	99
16) Methylene chloride	4.917	84	287527	24.381	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	189751	17.978	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	379142	22.792	ug/L	100
19) 1,1-Dichloroethane	6.215	63	480853	22.378	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	229265	20.506	ug/L	97
22) 2-Butanone	7.166	43	214902	64.338	ug/L	97
23) Bromochloromethane	7.514	128	101537	21.295	ug/L	96
25) Chloroform	7.672	83	450663	22.517	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304983	22.095	ug/L	96
29) Cyclohexane	7.959	56	392958	20.821	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	349758	23.577	ug/L	100
31) Carbon tetrachloride	8.069	117	279622	20.655	ug/L	99
33) Benzene	8.319	78	952840	22.753	ug/L	100
34) Trichloroethene	9.093	95	220937	20.604	ug/L	95
35) Methylcyclohexane	9.337	83	362550	19.107	ug/L	97
37) 1,2-Dichloropropane	9.367	63	270624	23.859	ug/L	99
38) Bromodichloromethane	9.642	83	301232	22.859	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	346217	20.771	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	402149	60.137	ug/L	99
42) Toluene	10.385	91	924043	21.573	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	275951	19.872	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	179879	24.063	ug/L	98
46) Tetrachloroethene	10.861	164	144362	19.033	ug/L	96
48) 2-Hexanone	10.964	43	289248	61.345	ug/L	98
49) Dibromochloromethane	11.129	129	178186	22.735	ug/L	92
50) 1,2-Dibromoethane	11.233	107	151526	21.891	ug/L	97
51) Chlorobenzene	11.653	112	514253	19.160	ug/L	99
52) Ethylbenzene	11.727	91	978037	20.242	ug/L	99
53) m,p-Xylene	11.836	106	353301	19.655	ug/L	92
54) o-Xylene	12.159	106	349402	20.595	ug/L	96
55) Styrene	12.178	104	533610	18.334	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	226835	25.073	ug/L	97
59) Bromoform	12.348	173	95791	28.641	ug/L	98
60) Isopropylbenzene	12.464	105	943192	26.963	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	166395	33.360	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	713668	25.664	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	617637	24.250	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	282041	19.176	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	283847	19.169	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	274177	20.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33506	28.994	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	143657	14.219	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	87044	10.441	ug/L	98
71) Naphthalene	15.360	128	222813	14.995	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86964	11.936	ug/L	98

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

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