Quantitation Report (Qedit)

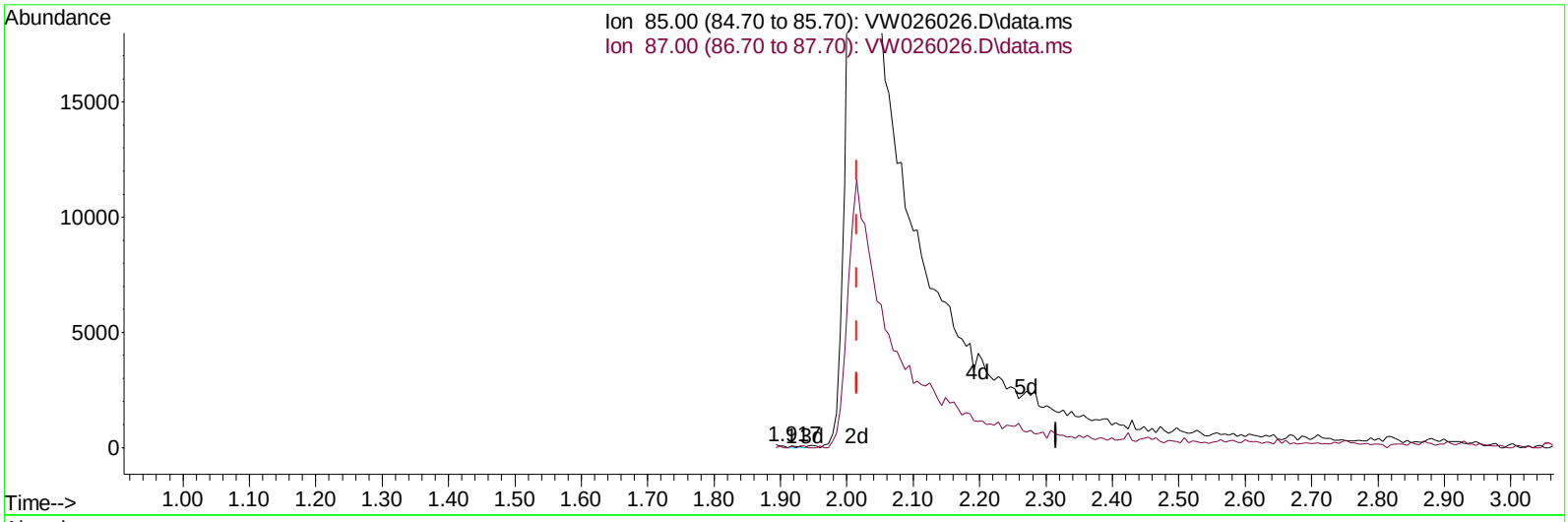
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052423\
Data File : VW026026.D
Acq On : 24 May 2023 08:44
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

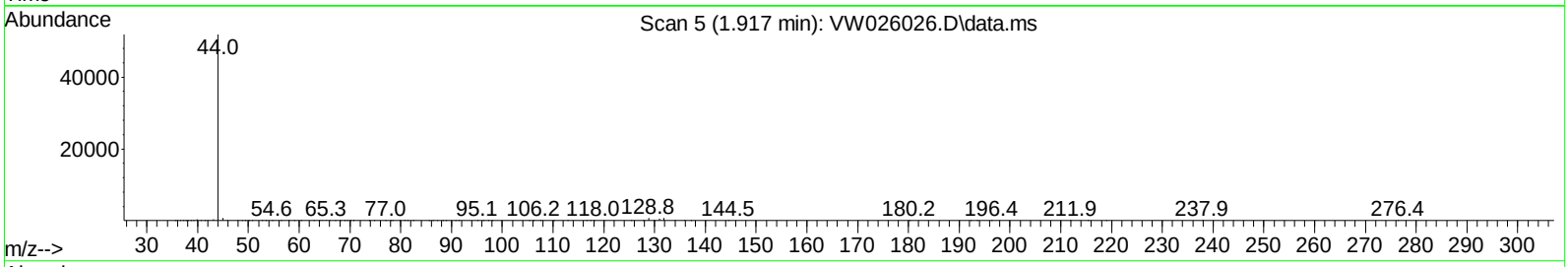
Quant Time: May 25 00:21:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 23 01:22:37 2023
Response via : Initial Calibration

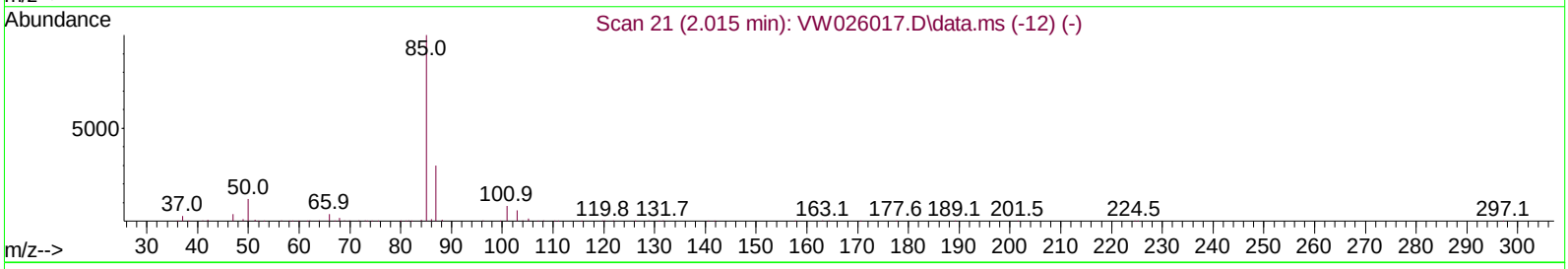
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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







TIC: VW026026.D\data.ms

(2) Dichlorodifluoromethane (T)

1.917min (-0.098) 0.01 ug/L

response 63

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	36.51
0.00	0.00	0.00
0.00	0.00	0.00

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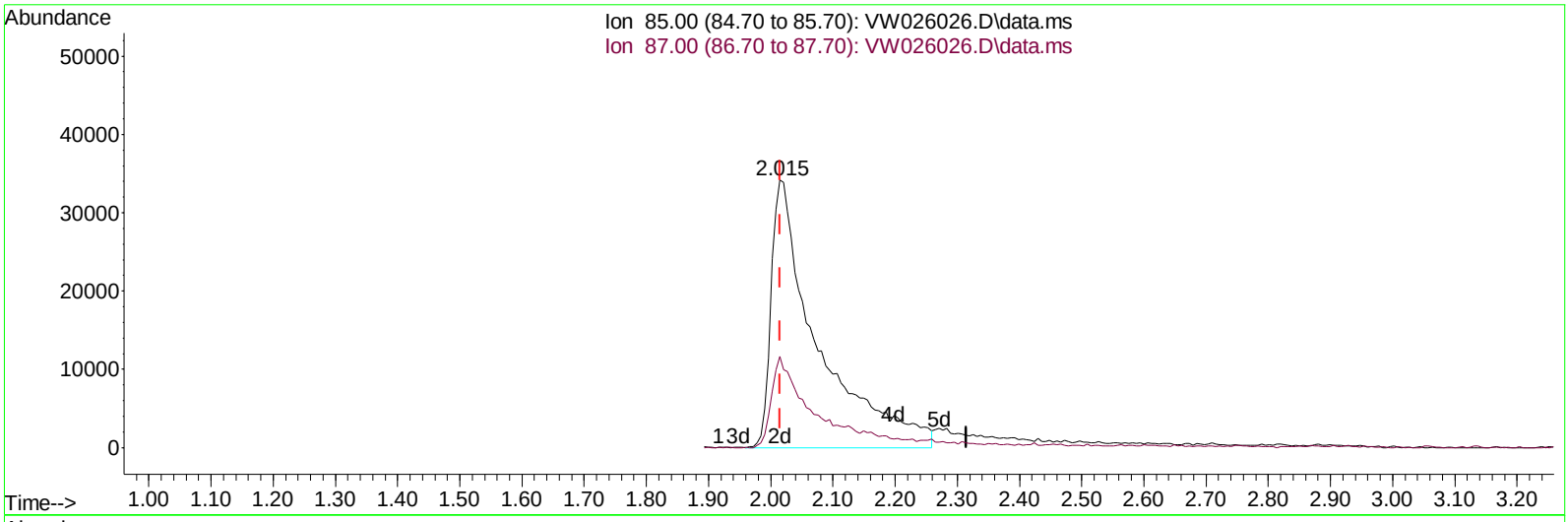

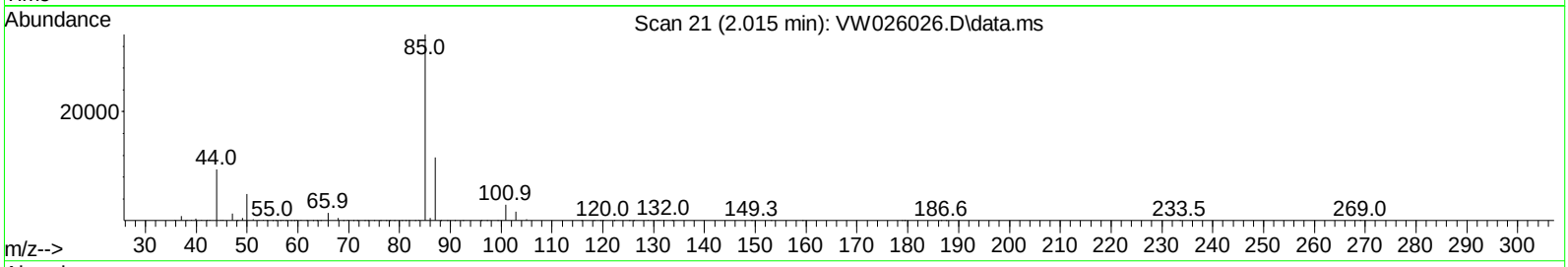

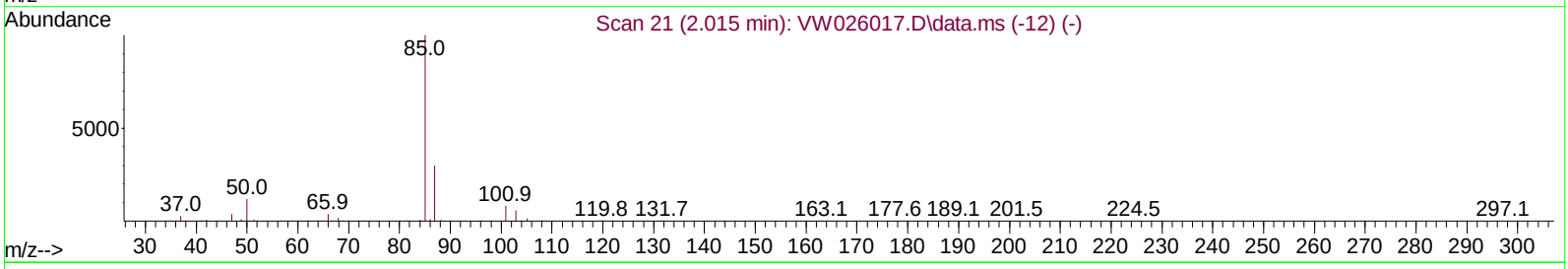

TIC: VW026026.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 27.17 ug/L m

response 176998

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	0.01#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	583157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	275376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	154720	18.723	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.880%		
7) Chloroethane-d5	2.893	69	139290	22.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.960%		
11) 1,1-Dichloroethene-d2	4.014	65	78773	19.037	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.160%		
21) 2-Butanone-d5	7.075	46	131357	48.083	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.160%		
24) Chloroform-d	7.648	84	396510	23.580	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.320%		
26) 1,2-Dichloroethane-d4	8.300	65	215726	22.687	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.760%		
32) Benzene-d6	8.270	84	762815	22.316	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.280%		
36) 1,2-Dichloropropane-d6	9.270	67	251677	23.012	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.040%		
41) Toluene-d8	10.318	98	644375	21.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.560%		
43) trans-1,3-Dichloroprop...	10.574	79	92081	20.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.080%		
47) 2-Hexanone-d5	10.922	63	90770	48.671	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210816	25.290	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.160%		
66) 1,2-Dichlorobenzene-d4	13.848	152	218304	21.746	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	176998m	27.167	ug/L	
3) Chloromethane	2.222	50	215360	22.419	ug/L	100
5) Vinyl chloride	2.375	62	246645	24.806	ug/L	99
6) Bromomethane	2.789	94	133502	24.686	ug/L	100
8) Chloroethane	2.935	64	146768	25.959	ug/L	100
9) Trichlorofluoromethane	3.265	101	174294	23.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	203883	24.983	ug/L	98
12) 1,1-Dichloroethene	4.039	96	190243	24.393	ug/L	97
13) Acetone	4.124	43	112971	46.636	ug/L	96
14) Carbon disulfide	4.386	76	577020	21.877	ug/L	99
15) Methyl Acetate	4.667	43	108744	22.780	ug/L	100
16) Methylene chloride	4.917	84	225850	18.779	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	198258	23.302	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	301477	23.346	ug/L	99
19) 1,1-Dichloroethane	6.215	63	434705	24.868	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	224318	24.575	ug/L	99
22) 2-Butanone	7.166	43	147162	43.997	ug/L	99
23) Bromochloromethane	7.508	128	94510	24.440	ug/L	95

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Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	7.678	83	414795	25.818 ug/L	99
27) 1,2-Dichloroethane	8.398	62	278520	24.410 ug/L	99
29) Cyclohexane	7.959	56	374557	23.104 ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	325811	25.466 ug/L	99
31) Carbon tetrachloride	8.069	117	290911	25.267 ug/L	99
33) Benzene	8.319	78	911342	25.180 ug/L	100
34) Trichloroethene	9.093	95	229279	24.687 ug/L	99
35) Methylcyclohexane	9.331	83	386790	23.416 ug/L	100
37) 1,2-Dichloropropane	9.367	63	249796	25.191 ug/L	100
38) Bromodichloromethane	9.642	83	289285	25.429 ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	355623	24.455 ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	303810	47.070 ug/L	99
42) Toluene	10.385	91	941425	25.457 ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	296351	24.595 ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	167079	25.188 ug/L	96
46) Tetrachloroethene	10.861	164	159836	24.463 ug/L	97
48) 2-Hexanone	10.964	43	224078	48.461 ug/L	99
49) Dibromochloromethane	11.123	129	171721	25.006 ug/L	100
50) 1,2-Dibromoethane	11.233	107	147140	24.062 ug/L	95
51) Chlorobenzene	11.653	112	566707	24.736 ug/L	99
52) Ethylbenzene	11.727	91	1059884	25.478 ug/L	100
53) m,p-Xylene	11.836	106	400554	26.162 ug/L	92
54) o-Xylene	12.165	106	372440	25.808 ug/L	98
55) Styrene	12.178	104	650937	26.354 ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	205644	24.846 ug/L	94
59) Bromoform	12.348	173	97525	23.910 ug/L	100
60) Isopropylbenzene	12.458	105	1041688	24.886 ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	148614	22.835 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	828136	24.979 ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	764351	24.983 ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	430581	23.895 ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	452971	24.882 ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	394343	24.539 ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	32597	21.600 ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	282343	23.605 ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	230368	22.989 ug/L	98
71) Naphthalene	15.360	128	417982	22.100 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	214530	24.128 ug/L	96

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

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