Quantitation Report (Qedit)

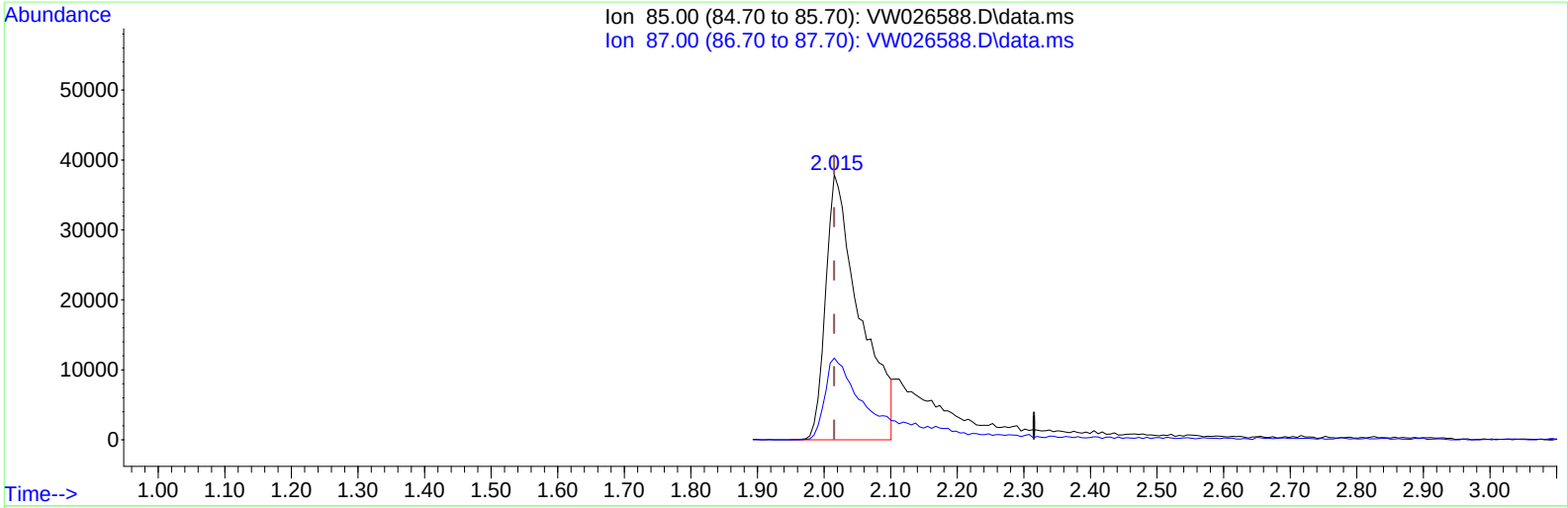
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
Data File : VW026588.D
Acq On : 11 Jul 2023 10:57
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

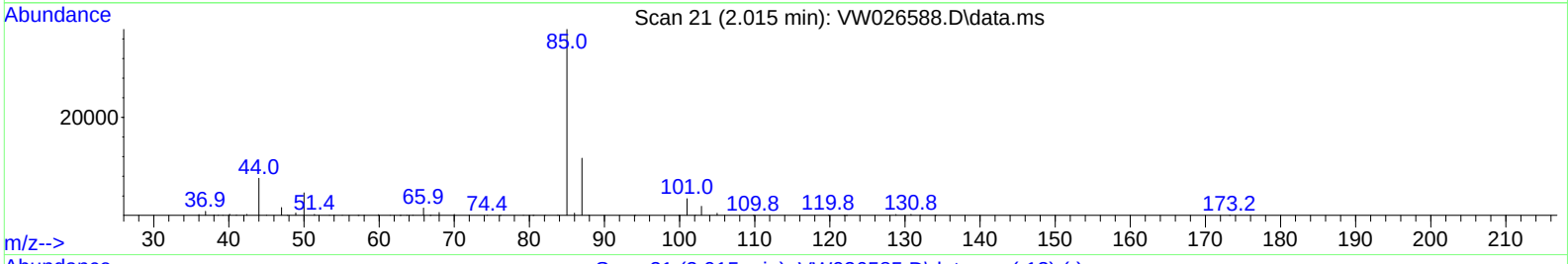
Quant Time: Jul 12 07:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 12 07:03:59 2023
Response via : Initial Calibration

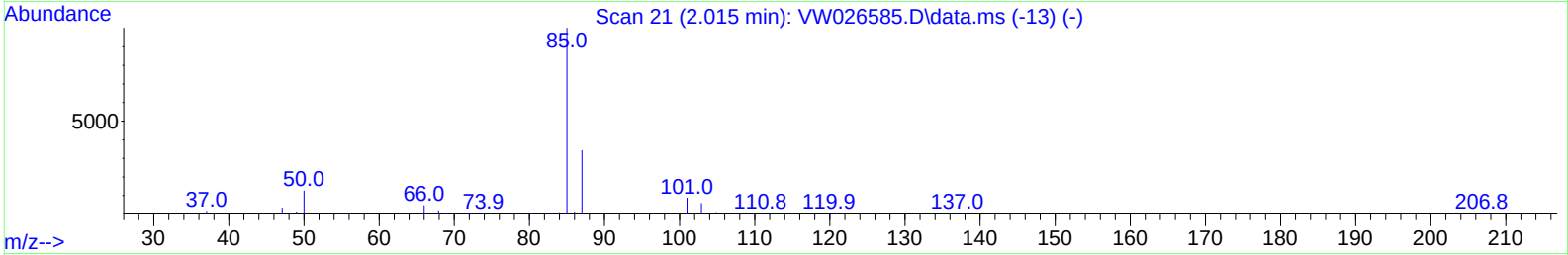
Instrument :
MSVOA_W
ClientSampleId :
VICV419

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023







TIC: VW026588.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 19.66 ug/L

response 135159

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.70	29.52
0.00	0.00	0.00
0.00	0.00	0.00

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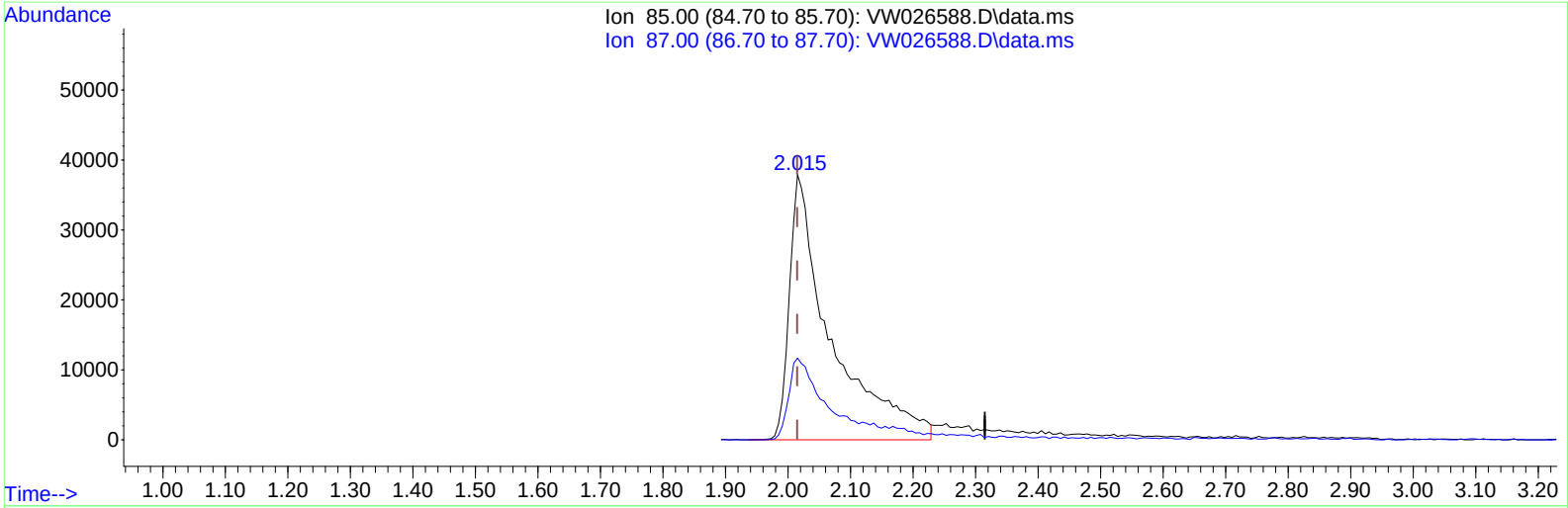

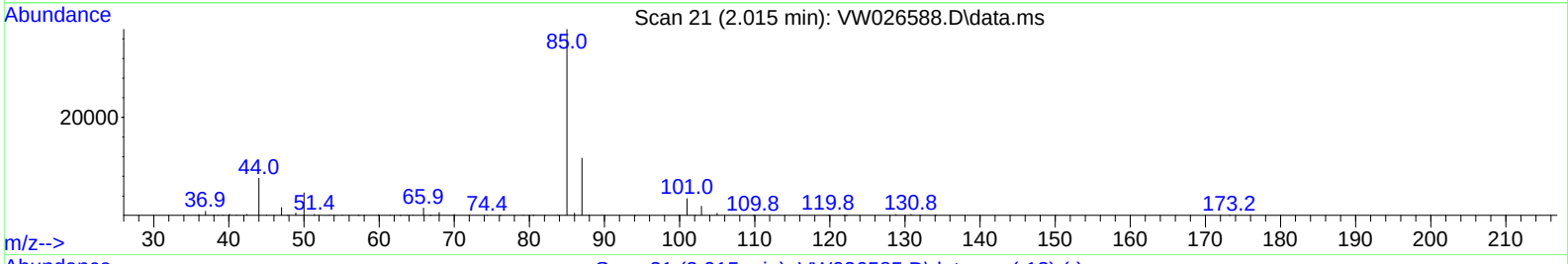

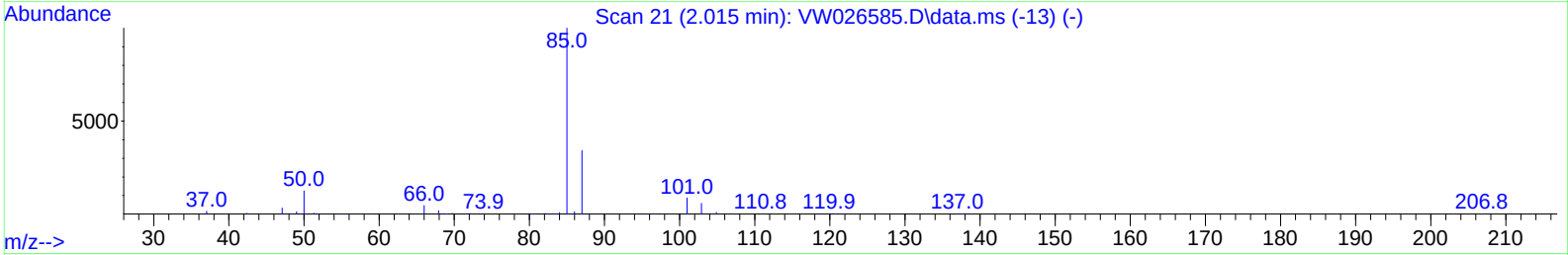

TIC: VW026588.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 25.34 ug/L m

response 174241

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.70	22.90
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	609554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	232936	22.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.600%			
7) Chloroethane-d5	2.899	69	166593	23.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.360%			
11) 1,1-Dichloroethene-d2	4.015	65	110744	22.935	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.760%			
21) 2-Butanone-d5	7.075	46	199545	60.050	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.100%			
24) Chloroform-d	7.648	84	421159	23.999	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.000%			
26) 1,2-Dichloroethane-d4	8.307	65	235613	24.045	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	8.276	84	879140	24.245	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.960%			
36) 1,2-Dichloropropane-d6	9.276	67	267997	24.036	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.160%			
41) Toluene-d8	10.325	98	775789	24.944	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.760%			
43) trans-1,3-Dichloroprop...	10.581	79	111240	24.896	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.600%			
47) 2-Hexanone-d5	10.922	63	137578	63.235	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244096	25.852	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	231496	24.577	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	174241m	25.340	ug/L	
3) Chloromethane	2.229	50	226710	23.076	ug/L	100
5) Vinyl chloride	2.375	62	239672	23.148	ug/L	100
6) Bromomethane	2.783	94	125652	22.829	ug/L	99
8) Chloroethane	2.936	64	134974	23.313	ug/L	99
9) Trichlorofluoromethane	3.265	101	179793	23.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	204008	23.970	ug/L	99
12) 1,1-Dichloroethene	4.045	96	192461	23.569	ug/L	92
13) Acetone	4.118	43	135617	56.737	ug/L	97
14) Carbon disulfide	4.393	76	686521	23.983	ug/L	99
15) Methyl Acetate	4.667	43	157627	27.448	ug/L	99
16) Methylene chloride	4.923	84	221682	20.586	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	211882	24.268	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	346264	25.340	ug/L	100
19) 1,1-Dichloroethane	6.222	63	421082	24.122	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	220179	24.353	ug/L	98
22) 2-Butanone	7.167	43	209465	57.546	ug/L	99
23) Bromochloromethane	7.520	128	92853	23.976	ug/L	95
25) Chloroform	7.673	83	386124	24.142	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278494	24.735	ug/L	99
29) Cyclohexane	7.959	56	431586	26.242	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	324701	25.080	ug/L	99
31) Carbon tetrachloride	8.069	117	286953	24.417	ug/L	100
33) Benzene	8.325	78	888893	24.423	ug/L	100
34) Trichloroethene	9.093	95	227260	24.308	ug/L	99
35) Methylcyclohexane	9.337	83	436654	26.011	ug/L	99
37) 1,2-Dichloropropane	9.368	63	237260	24.547	ug/L	100
38) Bromodichloromethane	9.642	83	270961	24.675	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	349923	25.146	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	434532	59.564	ug/L	100
42) Toluene	10.386	91	925491	25.180	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	297453	25.345	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	170985	25.347	ug/L	97
46) Tetrachloroethene	10.861	164	166318	25.059	ug/L	84
48) 2-Hexanone	10.965	43	318583	62.575	ug/L	99
49) Dibromochloromethane	11.129	129	167251	25.039	ug/L	97
50) 1,2-Dibromoethane	11.233	107	164958	25.941	ug/L	97
51) Chlorobenzene	11.654	112	549463	24.382	ug/L	98
52) Ethylbenzene	11.727	91	1046534	25.575	ug/L	99
53) m,p-Xylene	11.837	106	383565	25.765	ug/L	95
54) o-Xylene	12.166	106	357663	25.596	ug/L	100
55) Styrene	12.178	104	614662	26.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	238732	26.966	ug/L	97
59) Bromoform	12.349	173	105635	26.034	ug/L	95
60) Isopropylbenzene	12.458	105	1027204	25.879	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	182555	26.345	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	814581	26.756	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807303	26.746	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	395496	23.745	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	413357	24.885	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	364737	24.744	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	46259	28.049	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	262424	23.809	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	219518	24.269	ug/L	97
71) Naphthalene	15.360	128	572271	27.938	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	203868	23.942	ug/L	98

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

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