Quantitation Report (Qedit)

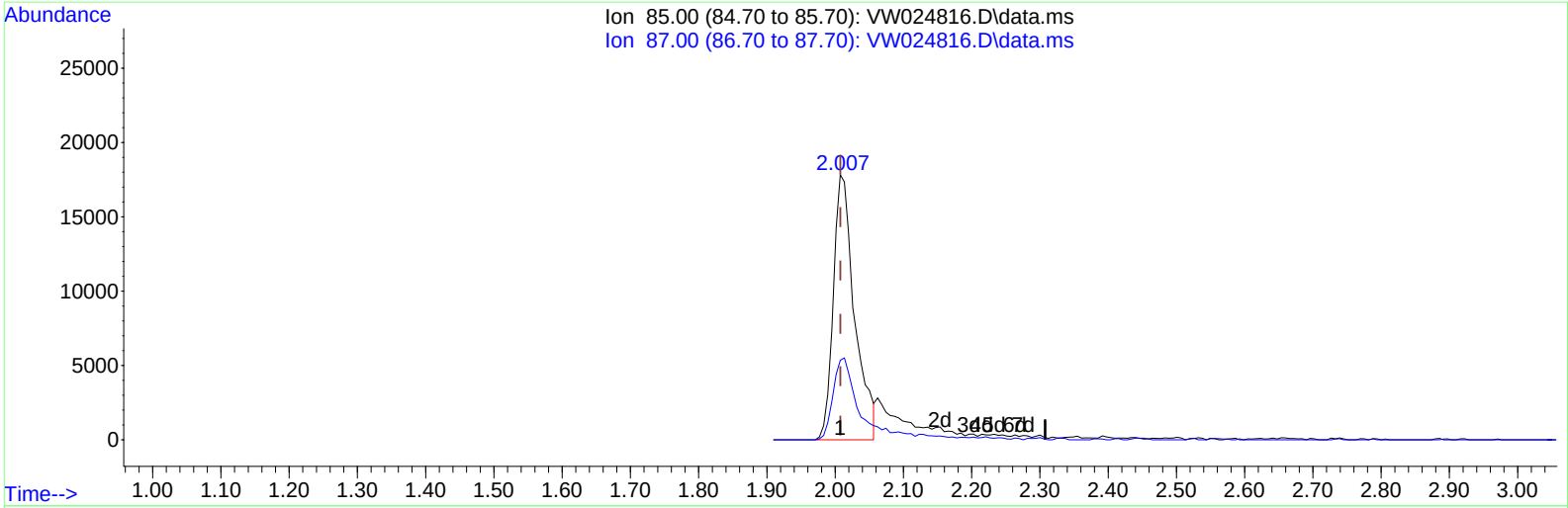
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
Data File : VW024816.D
Acq On : 10 Oct 2022 18:56
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

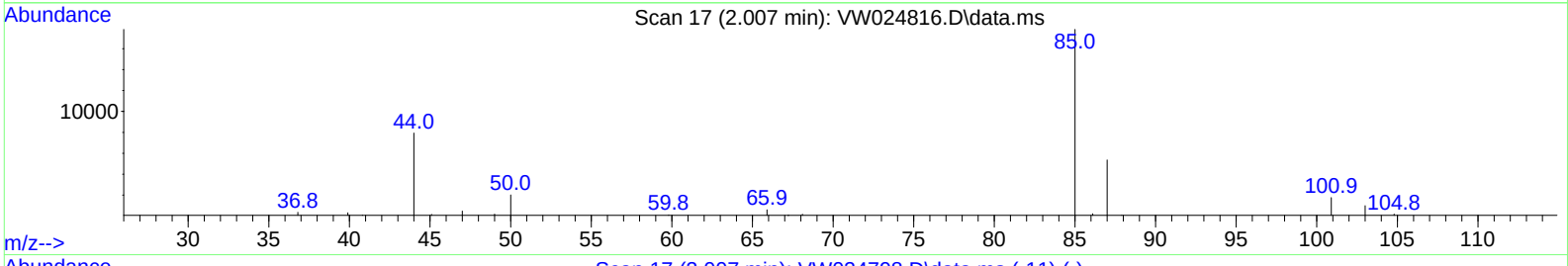
Quant Time: Oct 11 02:00:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration

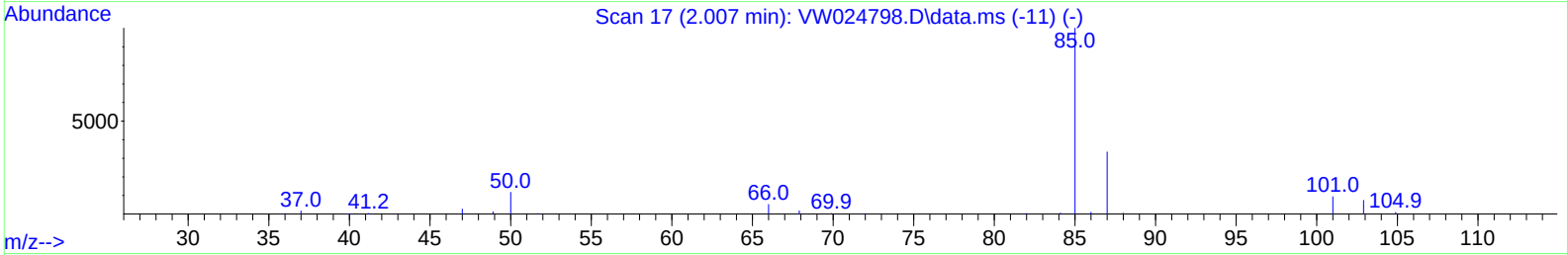
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022







TIC: VW024816.D\data.ms

(2) Dichlorodifluoromethane (T)

2.007min (-0.000) 13.55 ug/L

response 38609

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	36.00	35.24
0.00	0.00	0.00
0.00	0.00	0.00

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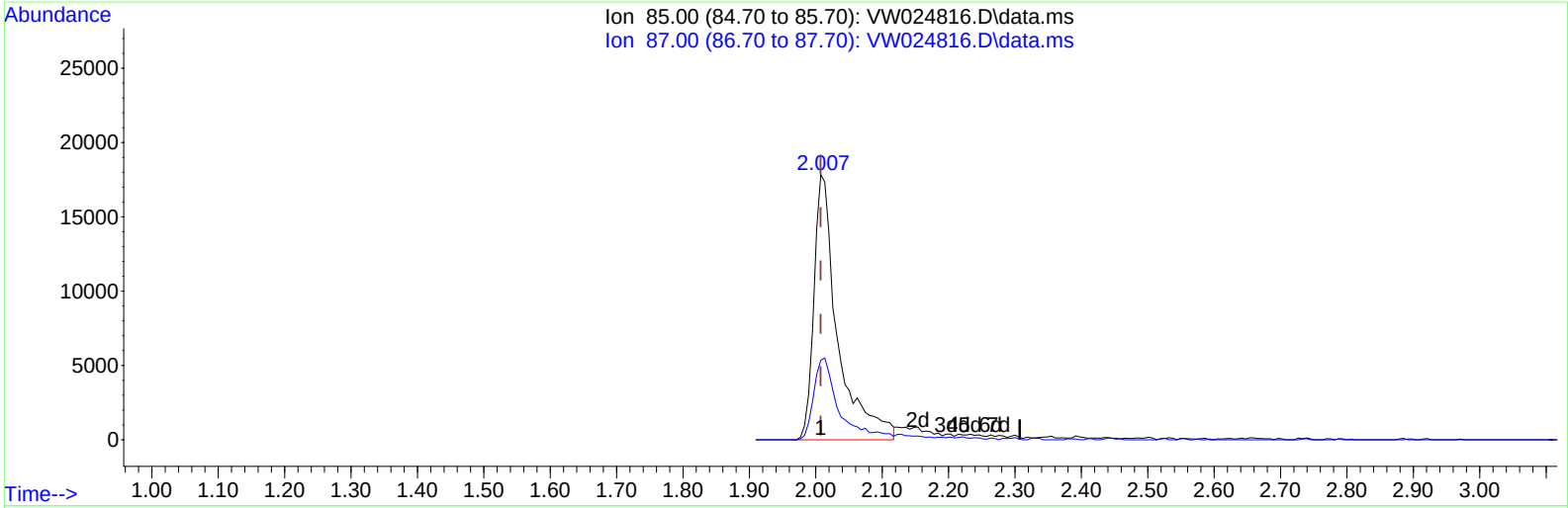

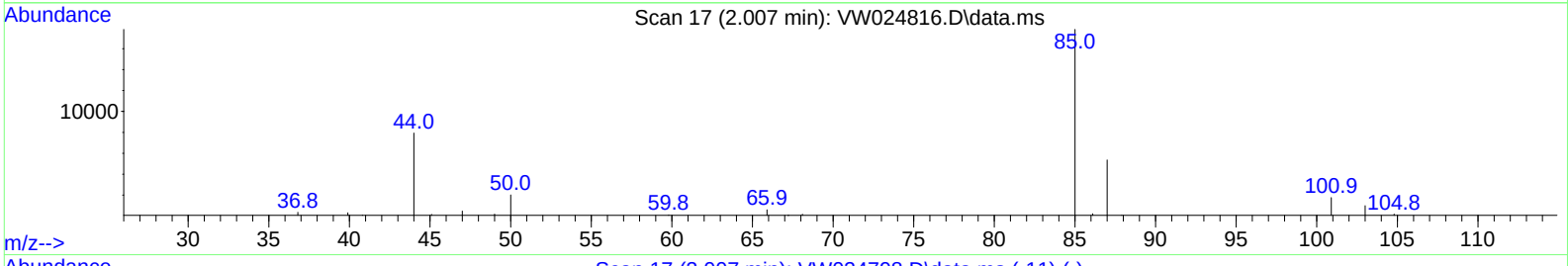

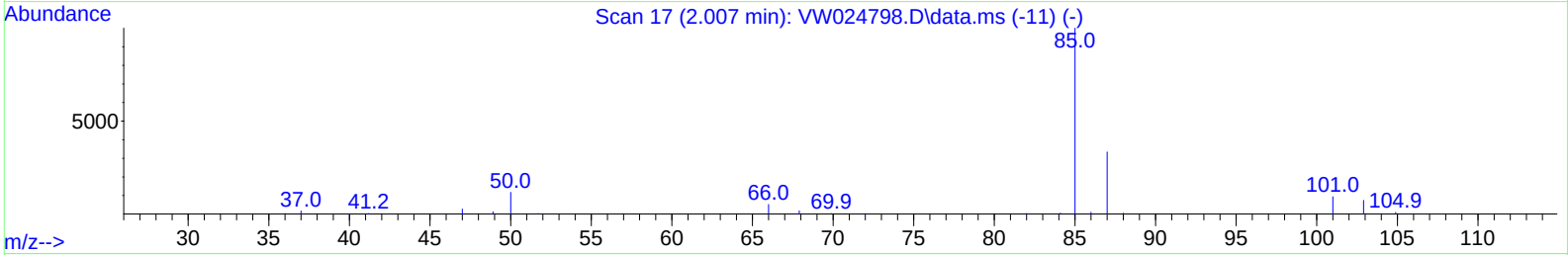

TIC: VW024816.D\data.ms

(2) Dichlorodifluoromethane (T)

2.007min (-0.000) 15.63 ug/L m

response 44542

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	36.00	30.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.842	114	464244	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.634	117	431259	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	215036	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.355	65	115151	23.707 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.840%		
7) Chloroethane-d5	2.885	69	73013	25.868 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.480%		
11) 1,1-Dichloroethene-d2	4.025	63	273646	24.341 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.360%		
21) 2-Butanone-d5	7.086	46	101194	57.948 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.900%		
24) Chloroform-d	7.653	84	327776	26.410 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.640%		
26) 1,2-Dichloroethane-d4	8.305	65	170278	26.448 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.800%		
32) Benzene-d6	8.275	84	624646	22.661 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.640%		
36) 1,2-Dichloropropane-d6	9.274	67	204292	24.257 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.040%		
41) Toluene-d8	10.323	98	544535	22.103 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.400%		
43) trans-1,3-Dichloroprop...	10.579	79	75311	20.080 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.320%		
47) 2-Hexanone-d5	10.927	63	80949	56.177 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.360%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	170573	28.425 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.680%		
66) 1,2-Dichlorobenzene-d4	13.847	152	190712	25.204 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.800%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	44542m	15.628 ug/L	
3) Chloromethane	2.215	50	109570	19.741 ug/L	97
5) Vinyl chloride	2.367	62	172867	30.291 ug/L	100
6) Bromomethane	2.782	94	78612	29.847 ug/L	97
8) Chloroethane	2.922	64	72750	30.238 ug/L	96
9) Trichlorofluoromethane	3.263	101	97522	30.545 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	167085	27.439 ug/L #	77
12) 1,1-Dichloroethene	4.044	96	163759	26.964 ug/L	92
13) Acetone	4.141	43	59859	46.981 ug/L	98
14) Carbon disulfide	4.391	76	502490	26.209 ug/L	100
15) Methyl Acetate	4.678	43	77475	27.461 ug/L	98
16) Methylene chloride	4.922	84	209357	22.963 ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	179286	26.274 ug/L	97
18) Methyl tert-butyl Ether	5.428	73	293432	27.121 ug/L	100
19) 1,1-Dichloroethane	6.220	63	340683	26.686 ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	199383	27.232 ug/L	96
22) 2-Butanone	7.177	43	101078	49.599 ug/L	100
23) Bromochloromethane	7.519	128	82719	27.798 ug/L	97
25) Chloroform	7.677	83	338635	27.972 ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	210661	27.654	ug/L	99
29) Cyclohexane	7.958	56	313096	23.309	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	261585	25.067	ug/L	98
31) Carbon tetrachloride	8.067	117	225844	25.556	ug/L	97
33) Benzene	8.323	78	770670	25.532	ug/L	100
34) Trichloroethene	9.091	95	192801	25.201	ug/L	98
35) Methylcyclohexane	9.335	83	336481	23.993	ug/L	99
37) 1,2-Dichloropropane	9.366	63	192617	25.849	ug/L	99
38) Bromodichloromethane	9.646	83	241199	26.314	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	281888	23.922	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	232219	52.649	ug/L	99
42) Toluene	10.390	91	799649	25.654	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	236143	23.374	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	137399	26.994	ug/L	98
46) Tetrachloroethene	10.866	164	131337	25.266	ug/L	89
48) 2-Hexanone	10.969	43	155756	52.222	ug/L	98
49) Dibromochloromethane	11.128	129	154480	26.953	ug/L	97
50) 1,2-Dibromoethane	11.237	107	129233	26.824	ug/L	96
51) Chlorobenzene	11.658	112	500742	26.237	ug/L	98
52) Ethylbenzene	11.731	91	900110	26.217	ug/L	99
53) m,p-Xylene	11.835	106	344011	25.659	ug/L	100
54) o-Xylene	12.164	106	334154	26.393	ug/L	96
55) Styrene	12.176	104	568888	26.654	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	168093	28.205	ug/L	99
59) Bromoform	12.347	173	74432	24.487	ug/L	97
60) Isopropylbenzene	12.463	105	887739	25.330	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	122627	26.473	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	771688	25.333	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	757184	25.373	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	371410	26.085	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	357223	25.772	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	326585	26.334	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26137	23.861	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	238104	25.186	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	194197	24.451	ug/L	97
71) Naphthalene	15.359	128	449925	26.018	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	176437	26.102	ug/L	98

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

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