Quantitation Report (Qedit)

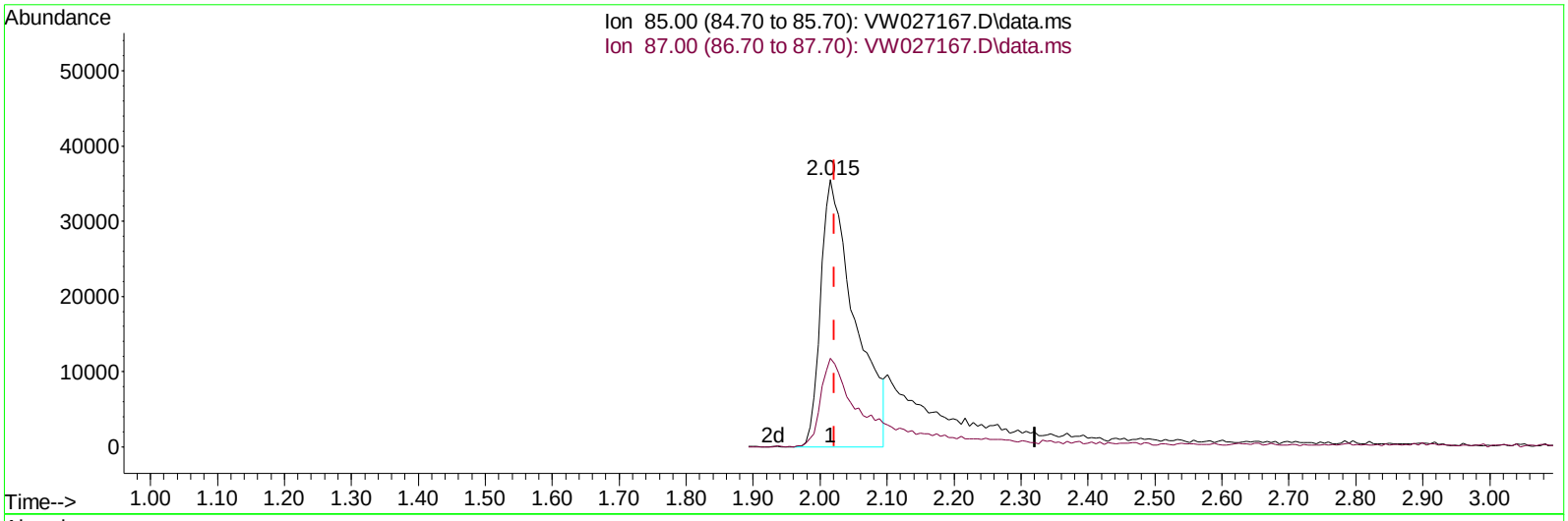
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092123\
Data File : VW027167.D
Acq On : 21 Sep 2023 18:09
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

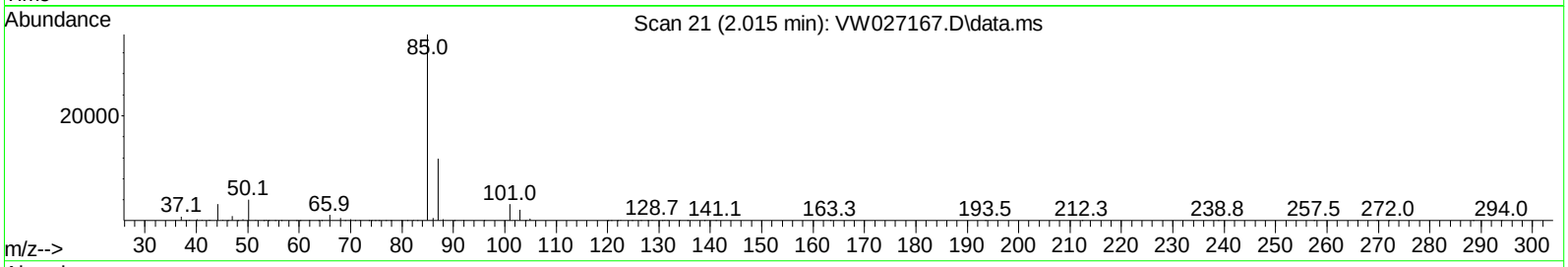
Quant Time: Sep 22 01:18:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 00:52:03 2023
Response via : Initial Calibration

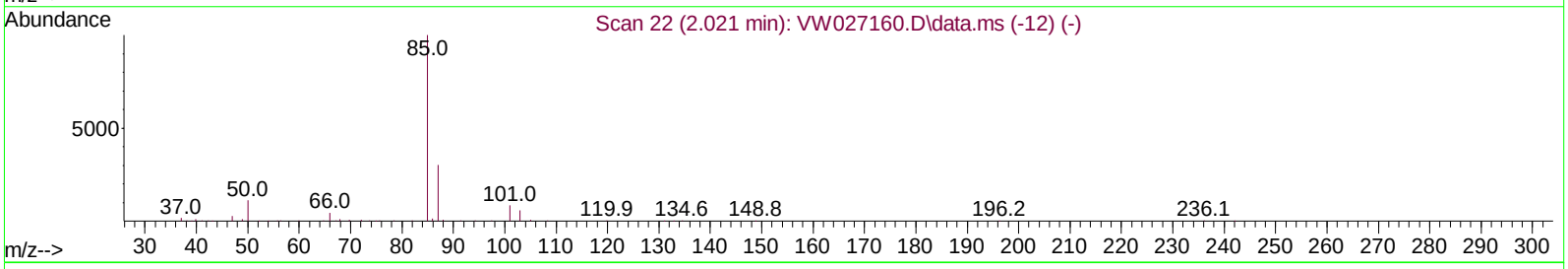
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023







TIC: VW027167.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 18.53 ug/L

response 125636

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	23.10	28.59#
0.00	0.00	0.00
0.00	0.00	0.00

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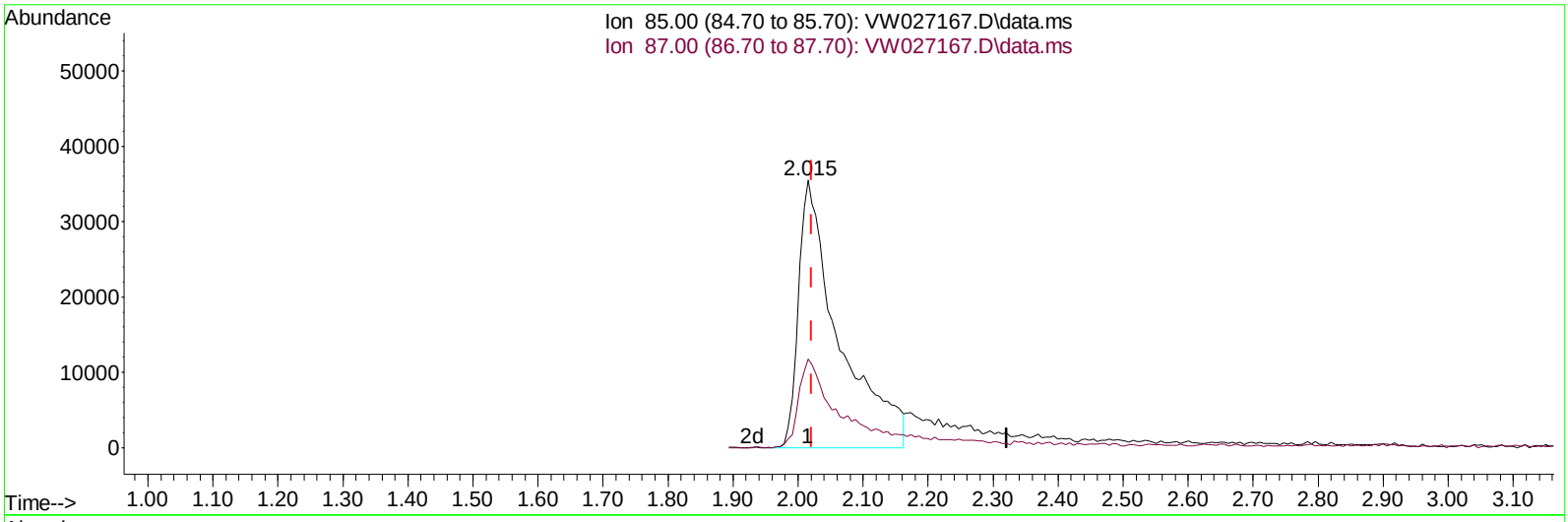

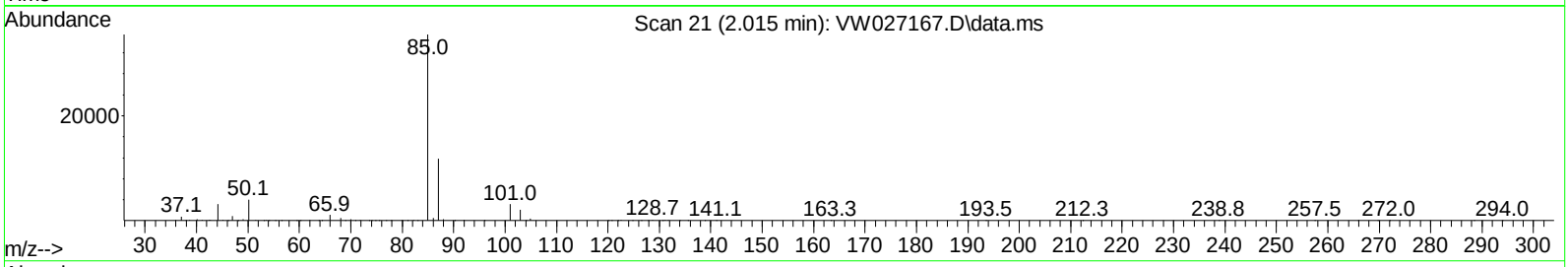

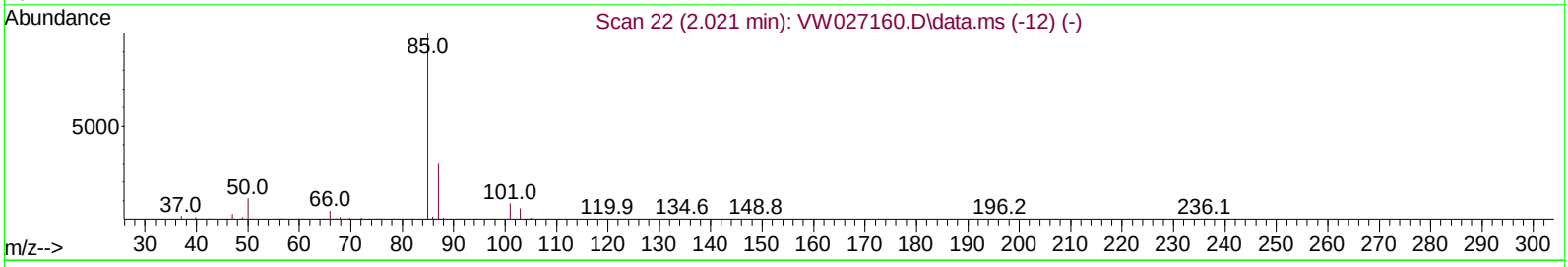

TIC: VW027167.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.006) 22.46 ug/L m

response 152299

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	23.10	23.59
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 00:52:03 2023
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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	596060	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	571979	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307983	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.363	65	320616	33.431 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 133.720%		
7) Chloroethane-d5	2.893	69	263109	35.526 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.120%		
11) 1,1-Dichloroethene-d2	4.021	65	104000	25.294 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.160%		
21) 2-Butanone-d5	7.075	46	125733	70.804 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.600%#		
24) Chloroform-d	7.648	84	468693	26.173 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.680%		
26) 1,2-Dichloroethane-d4	8.307	65	247294	28.302 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.200%		
32) Benzene-d6	8.270	84	999025	27.045 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.200%		
36) 1,2-Dichloropropane-d6	9.276	67	311084	29.763 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.040%		
41) Toluene-d8	10.319	98	873280	26.563 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.240%		
43) trans-1,3-Dichloroprop...	10.575	79	114109	27.016 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.080%		
47) 2-Hexanone-d5	10.922	63	85229	67.671 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.340%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225874	26.971 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.880%		
66) 1,2-Dichlorobenzene-d4	13.849	152	249662	22.699 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.800%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	152299m	22.462 ug/L	
3) Chloromethane	2.223	50	318402	43.763 ug/L	100
5) Vinyl chloride	2.375	62	360088	36.373 ug/L	98
6) Bromomethane	2.790	94	202919	29.515 ug/L	98
8) Chloroethane	2.930	64	227128	39.343 ug/L	98
9) Trichlorofluoromethane	3.265	101	195250	25.398 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219319	24.759 ug/L	97
12) 1,1-Dichloroethene	4.045	96	212867	24.487 ug/L	94
13) Acetone	4.112	43	101355	60.415 ug/L	91
14) Carbon disulfide	4.387	76	711419	24.549 ug/L	98
15) Methyl Acetate	4.667	43	107686	32.534 ug/L	90
16) Methylene chloride	4.917	84	293392	25.872 ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	234928	24.904 ug/L	86
18) Methyl tert-butyl Ether	5.423	73	350883	27.994 ug/L	94
19) 1,1-Dichloroethane	6.216	63	480843	29.067 ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	259398	26.144 ug/L	86
22) 2-Butanone	7.167	43	140136	61.836 ug/L	90
23) Bromochloromethane	7.514	128	109658	24.007 ug/L #	77

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	7.679	83	458869	27.009 ug/L	99
27) 1,2-Dichloroethane	8.398	62	308275	29.944 ug/L	96
29) Cyclohexane	7.959	56	423764	30.953 ug/L	89
30) 1,1,1-Trichloroethane	7.874	97	354526	26.227 ug/L #	93
31) Carbon tetrachloride	8.069	117	311485	26.002 ug/L	98
33) Benzene	8.325	78	1062788	28.132 ug/L	100
34) Trichloroethene	9.093	95	254054	25.447 ug/L	96
35) Methylcyclohexane	9.337	83	457533	26.867 ug/L	92
37) 1,2-Dichloropropane	9.368	63	286361	30.523 ug/L	98
38) Bromodichloromethane	9.642	83	323616	28.206 ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	405823	28.878 ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	310096	73.700 ug/L #	90
42) Toluene	10.386	91	1114094	27.909 ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	334486	28.361 ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	190749	26.424 ug/L	98
46) Tetrachloroethene	10.861	164	189875	22.564 ug/L	82
48) 2-Hexanone	10.965	43	205255	67.645 ug/L	93
49) Dibromochloromethane	11.123	129	190656	25.237 ug/L	98
50) 1,2-Dibromoethane	11.233	107	163516	24.682 ug/L	88
51) Chlorobenzene	11.660	112	639873	24.289 ug/L	92
52) Ethylbenzene	11.727	91	1192078	27.228 ug/L	99
53) m,p-Xylene	11.837	106	437596	26.062 ug/L	89
54) o-Xylene	12.166	106	414964	25.943 ug/L	90
55) Styrene	12.178	104	732088	26.711 ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	229470	27.131 ug/L	97
59) Bromoform	12.349	173	103098	23.107 ug/L	97
60) Isopropylbenzene	12.465	105	1170231	28.361 ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	165700	28.848 ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	936104	28.349 ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	854522	26.708 ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	464146	23.788 ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	474661	23.406 ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	426804	23.932 ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.483	75	30361	23.869 ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	324612	23.111 ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	254937	22.902 ug/L	99
71) Naphthalene	15.360	128	437120	23.605 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230644	22.952 ug/L	99

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

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