Quantitation Report (Qedit)

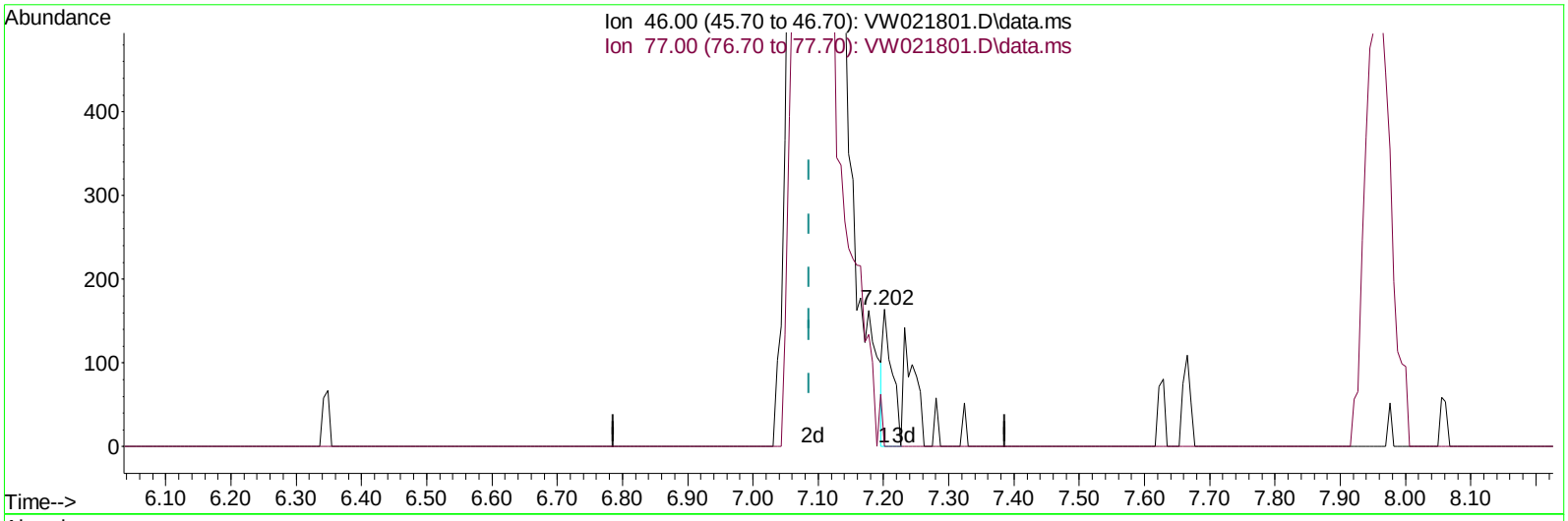
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
Data File : VW021801.D
Acq On : 08 Jan 2022 02:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

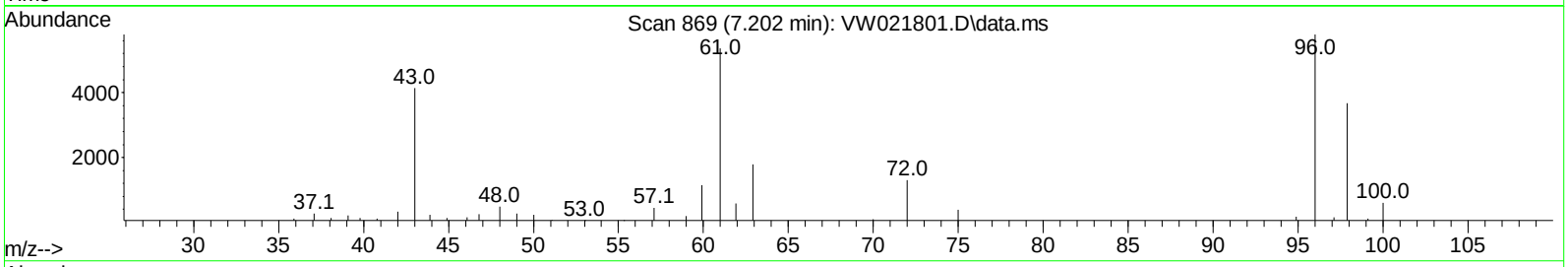
Quant Time: Jan 08 02:51:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 22:46:04 2022
Response via : Initial Calibration

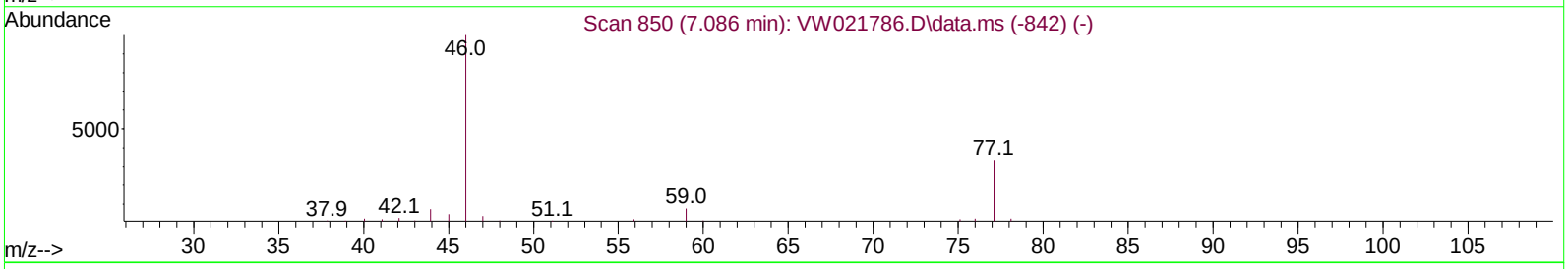
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022







TIC: VW021801.D\data.ms

(21) 2-Butanone-d5 (S)

7.202min (+ 0.116) 0.44 ug/L

response 157

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.20	14.65
0.00	0.00	0.00
0.00	0.00	0.00

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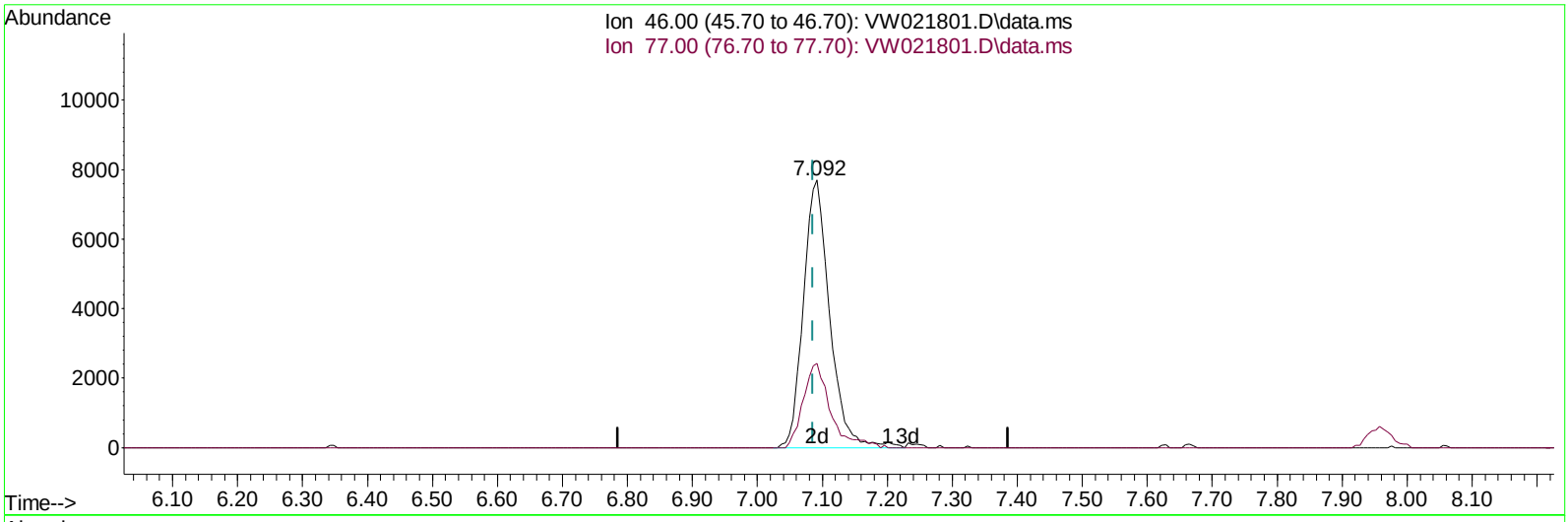

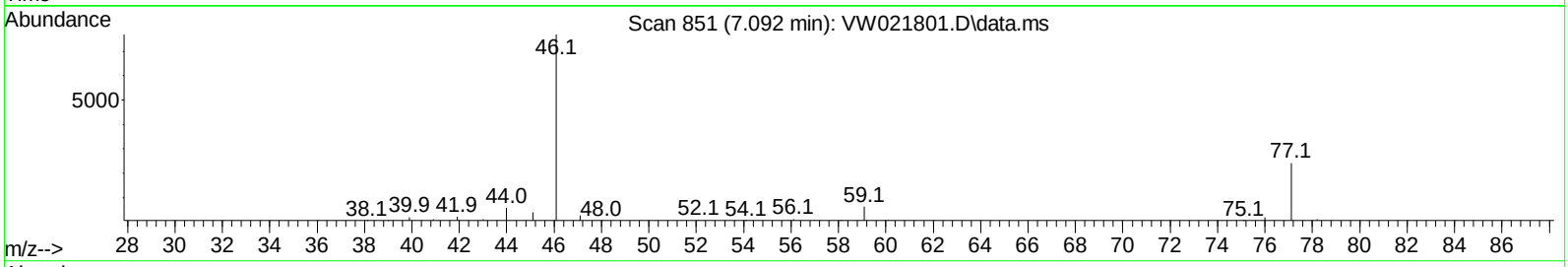

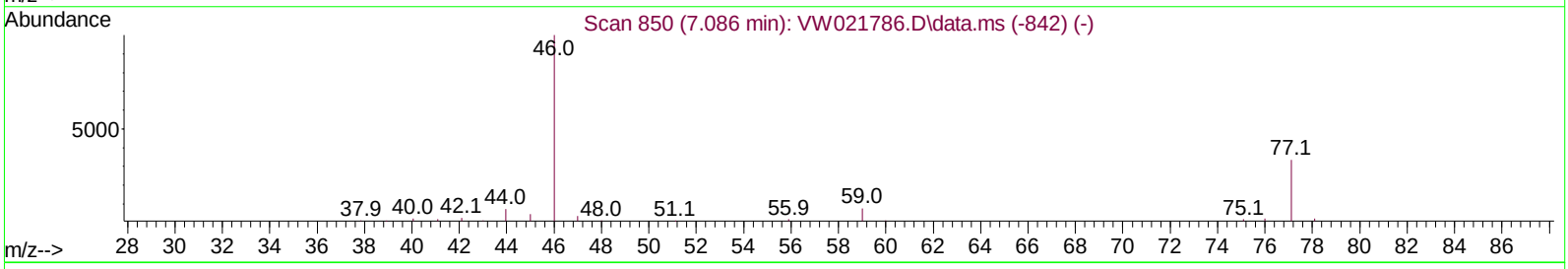

TIC: VW021801.D\data.ms

(21) 2-Butanone-d5 (S)

7.092min (+ 0.006) 60.92 ug/L m

response 21617

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.20	0.11#
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	8.848	114	123007	25.000 ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	124749	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73614	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.355	65	49688	20.487 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.960%		
7) Chloroethane-d5	2.885	69	40112	24.556 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.240%		
11) 1,1-Dichloroethene-d2	4.019	63	84738	23.875 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.520%		
21) 2-Butanone-d5	7.092	46	21617m	60.923 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.840%		
24) Chloroform-d	7.653	84	103195	26.857 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.440%		
26) 1,2-Dichloroethane-d4	8.305	65	51982	25.620 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.480%		
32) Benzene-d6	8.275	84	195187	26.351 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.400%		
36) 1,2-Dichloropropane-d6	9.274	67	53496	26.622 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.480%		
41) Toluene-d8	10.323	98	193859	26.267 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.080%		
43) trans-1,3-Dichloroprop...	10.579	79	22758	23.275 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.120%		
47) 2-Hexanone-d5	10.921	63	19387	63.617 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.240%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	49962	30.159 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.640%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	77966	27.696 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.800%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	11327	15.530 ug/L	98
3) Chloromethane	2.215	50	42328	22.468 ug/L	99
5) Vinyl chloride	2.361	62	61112	21.994 ug/L	97
6) Bromomethane	2.782	94	43392	24.001 ug/L	97
8) Chloroethane	2.922	64	30085	22.723 ug/L	99
9) Trichlorofluoromethane	3.263	101	41251	24.675 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	51612	25.349 ug/L	90
12) 1,1-Dichloroethene	4.044	96	46781	25.690 ug/L	72
13) Acetone	4.147	43	13149	43.645 ug/L	85
14) Carbon disulfide	4.385	76	118641	22.514 ug/L	97
15) Methyl Acetate	4.684	43	15394	26.780 ug/L #	84
16) Methylene chloride	4.916	84	47989	21.854 ug/L	76
17) trans-1,2-Dichloroethene	5.428	96	50976	26.499 ug/L	79
18) Methyl tert-butyl Ether	5.428	73	72145	26.933 ug/L #	89
19) 1,1-Dichloroethane	6.220	63	75101	25.023 ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	53274	26.679 ug/L	67
22) 2-Butanone	7.183	43	20823	50.841 ug/L	81
23) Bromochloromethane	7.519	128	26655	27.614 ug/L #	58

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.683	83	87946	25.403	ug/L		99
27) 1,2-Dichloroethane	8.403	62	54199	24.136	ug/L	#	91
29) Cyclohexane	7.958	56	71087	24.641	ug/L	#	77
30) 1,1,1-Trichloroethane	7.878	97	79860	24.263	ug/L	#	92
31) Carbon tetrachloride	8.073	117	76574	23.924	ug/L		98
33) Benzene	8.323	78	189036	24.835	ug/L		100
34) Trichloroethene	9.092	95	54230	25.098	ug/L		91
35) Methylcyclohexane	9.335	83	92139	25.845	ug/L	#	81
37) 1,2-Dichloropropane	9.372	63	42070	24.939	ug/L	#	95
38) Bromodichloromethane	9.646	83	59713	23.192	ug/L	#	97
39) cis-1,3-Dichloropropene	10.073	75	67203	24.383	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	46336	49.864	ug/L	#	84
42) Toluene	10.390	91	216499	24.640	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	58018	23.429	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	38929	27.784	ug/L		92
46) Tetrachloroethene	10.866	164	51786	25.593	ug/L		95
48) 2-Hexanone	10.969	43	32518	51.528	ug/L	#	88
49) Dibromochloromethane	11.128	129	48398	25.709	ug/L		98
50) 1,2-Dibromoethane	11.238	107	38455	27.327	ug/L	#	97
51) Chlorobenzene	11.658	112	150591	26.563	ug/L	#	88
52) Ethylbenzene	11.731	91	240792	24.414	ug/L		96
53) m,p-Xylene	11.835	106	100909	25.534	ug/L		86
54) o-Xylene	12.164	106	96664	25.807	ug/L		86
55) Styrene	12.182	104	157702	24.515	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.713	83	42813	27.623	ug/L	#	94
59) Bromoform	12.347	173	27631	25.719	ug/L	#	94
60) Isopropylbenzene	12.463	105	262220	25.553	ug/L		93
61) 1,2,3-Trichloropropane	12.768	75	31157	27.659	ug/L	#	89
62) 1,3,5-Trimethylbenzene	12.938	105	219574	25.309	ug/L		92
63) 1,2,4-Trimethylbenzene	13.249	105	217739	25.267	ug/L		92
64) 1,3-Dichlorobenzene	13.499	146	125262	25.854	ug/L		96
65) 1,4-Dichlorobenzene	13.573	146	126033	26.088	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	113981	26.946	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6273	25.290	ug/L	#	55
69) 1,3,5-Trichlorobenzene	14.621	180	93094	26.156	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	73065	25.718	ug/L		97
71) Naphthalene	15.359	128	137498	29.746	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	65847	27.534	ug/L		97

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

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