Quantitation Report (Qedit)

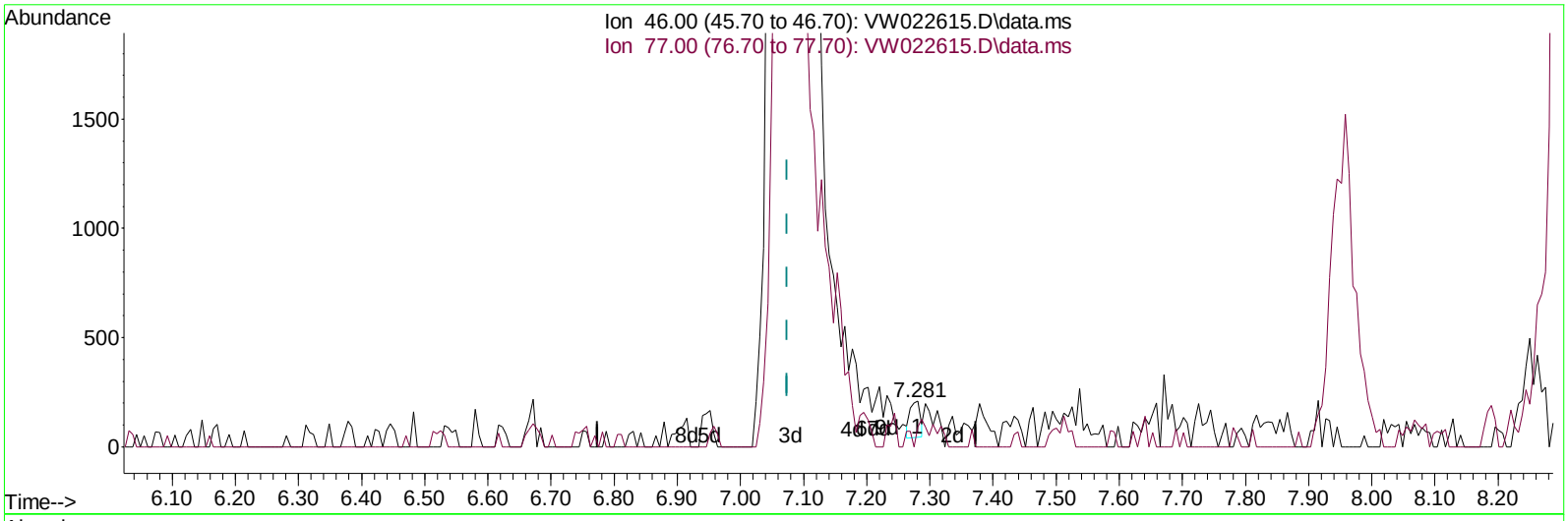
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
Data File : VW022615.D
Acq On : 26 Apr 2022 09:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

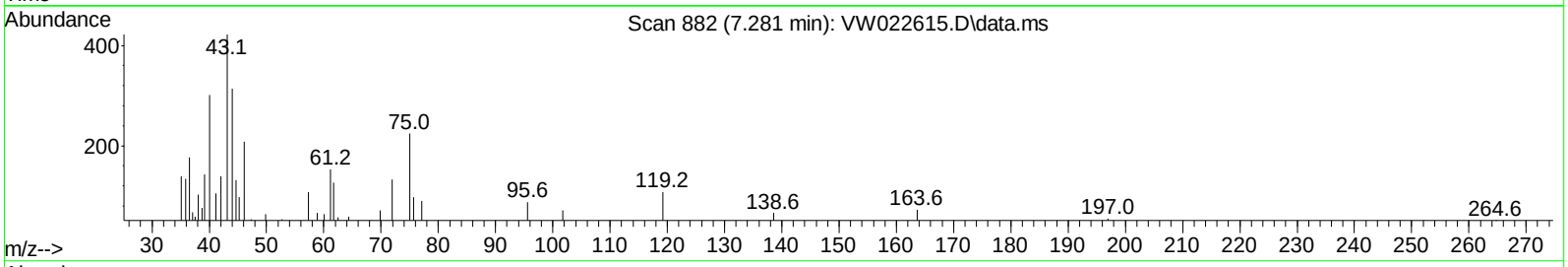
Quant Time: Apr 27 01:28:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 26 01:35:04 2022
Response via : Initial Calibration

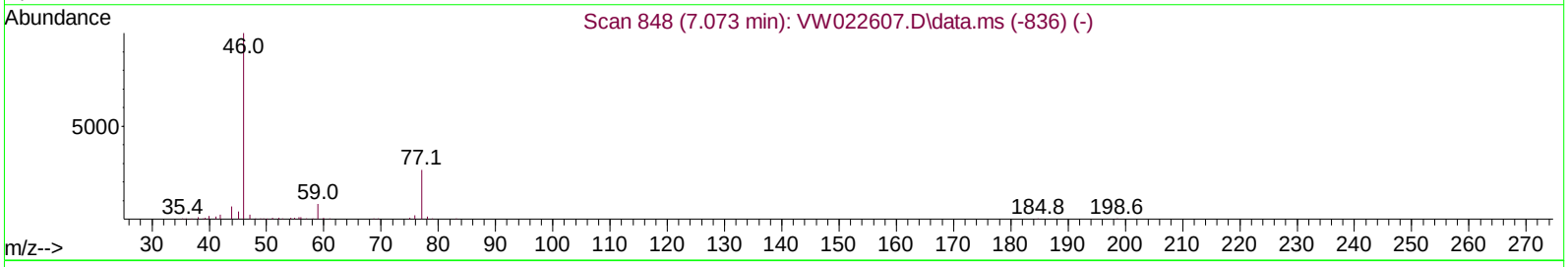
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/27/2022
Supervised By :Mahesh Dadoda 04/29/2022







TIC: VW022615.D\data.ms

(21) 2-Butanone-d5 (S)

7.281min (+ 0.207) 0.15 ug/L

response 191

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.70	27.23
0.00	0.00	0.00
0.00	0.00	0.00

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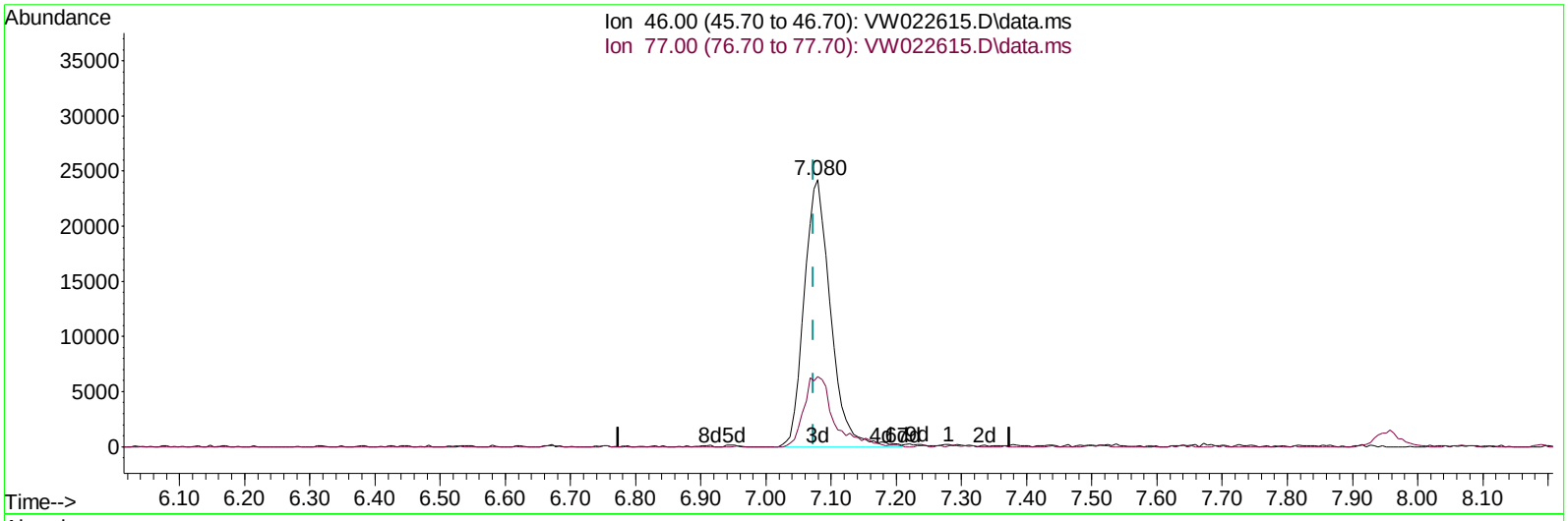

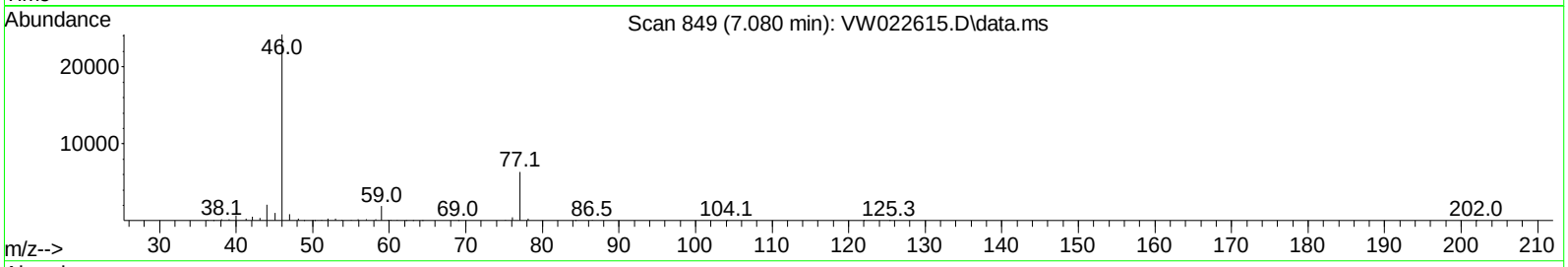

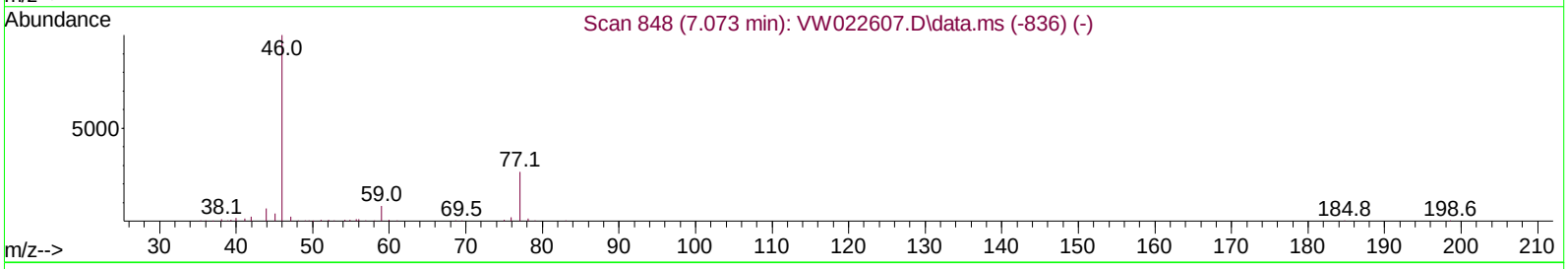

TIC: VW022615.D\data.ms

(21) 2-Butanone-d5 (S)

7.080min (+ 0.006) 53.69 ug/L m

response 68413

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.70	0.08#
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	8.842	114	330169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160072	21.931	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.720%			
7) Chloroethane-d5	2.885	69	109455	23.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.720%			
11) 1,1-Dichloroethene-d2	4.025	63	240632	25.418	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.680%			
21) 2-Butanone-d5	7.080	46	68413m	53.686	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.380%			
24) Chloroform-d	7.647	84	275826	26.727	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.920%			
26) 1,2-Dichloroethane-d4	8.305	65	149136	25.293	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.160%			
32) Benzene-d6	8.275	84	524165	26.458	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.840%			
36) 1,2-Dichloropropane-d6	9.274	67	152019	26.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.080%			
41) Toluene-d8	10.323	98	514451	26.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.040%			
43) trans-1,3-Dichloroprop...	10.573	79	67004	24.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.040%			
47) 2-Hexanone-d5	10.921	63	58402	54.753	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.500%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	139064	28.527	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.120%			
66) 1,2-Dichlorobenzene-d4	13.847	152	176777	27.111	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36259	22.403	ug/L	95
3) Chloromethane	2.221	50	86530	21.443	ug/L	98
5) Vinyl chloride	2.367	62	187579	22.278	ug/L	97
6) Bromomethane	2.782	94	111246	21.734	ug/L	100
8) Chloroethane	2.922	64	89005	24.145	ug/L	98
9) Trichlorofluoromethane	3.263	101	90730	29.187	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138209	27.921	ug/L	95
12) 1,1-Dichloroethene	4.044	96	122306	27.512	ug/L	89
13) Acetone	4.123	43	53079	61.177	ug/L	97
14) Carbon disulfide	4.385	76	300741	20.564	ug/L	98
15) Methyl Acetate	4.672	43	54482	25.023	ug/L	95
16) Methylene chloride	4.915	84	132183	26.606	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	138334	26.563	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	227713	26.774	ug/L	96
19) 1,1-Dichloroethane	6.214	63	245078	25.792	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	152705	27.764	ug/L #	91
22) 2-Butanone	7.171	43	75589	57.683	ug/L	98
23) Bromochloromethane	7.513	128	69885	29.524	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.677	83	273771	27.355	ug/L		97
27) 1,2-Dichloroethane	8.397	62	178237	25.339	ug/L		96
29) Cyclohexane	7.958	56	205730	22.168	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	236590	26.303	ug/L		97
31) Carbon tetrachloride	8.067	117	221650	27.455	ug/L		100
33) Benzene	8.323	78	565198	25.673	ug/L		100
34) Trichloroethene	9.092	95	156085	26.479	ug/L		97
35) Methylcyclohexane	9.335	83	249039	23.548	ug/L		95
37) 1,2-Dichloropropane	9.366	63	137783	26.125	ug/L		99
38) Bromodichloromethane	9.646	83	203203	26.792	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	223764	26.738	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	173702	53.968	ug/L		96
42) Toluene	10.384	91	646479	25.627	ug/L		92
44) trans-1,3-Dichloropropene	10.604	75	201855	26.937	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	116594	28.966	ug/L		95
46) Tetrachloroethene	10.860	164	114782	26.490	ug/L		94
48) 2-Hexanone	10.969	43	120081	52.883	ug/L		97
49) Dibromochloromethane	11.128	129	145689	30.349	ug/L		99
50) 1,2-Dibromoethane	11.231	107	114116	28.711	ug/L		96
51) Chlorobenzene	11.658	112	433301	28.107	ug/L		93
52) Ethylbenzene	11.725	91	746565	26.403	ug/L		96
53) m,p-Xylene	11.835	106	293666	27.314	ug/L		87
54) o-Xylene	12.164	106	284157	27.657	ug/L		94
55) Styrene	12.176	104	488232	27.814	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	143618	29.070	ug/L		99
59) Bromoform	12.347	173	79139	28.930	ug/L		98
60) Isopropylbenzene	12.463	105	799472	26.143	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	103663	26.471	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	438299	26.061	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	666551	26.063	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	338261	27.255	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	344541	27.836	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	313635	28.257	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22479	24.751	ug/L	#	81
69) 1,3,5-Trichlorobenzene	14.627	180	230448	28.459	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	186038	27.356	ug/L		99
71) Naphthalene	15.359	128	398493	27.781	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	161009	27.698	ug/L		98

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

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