Quantitation Report (Qedit)

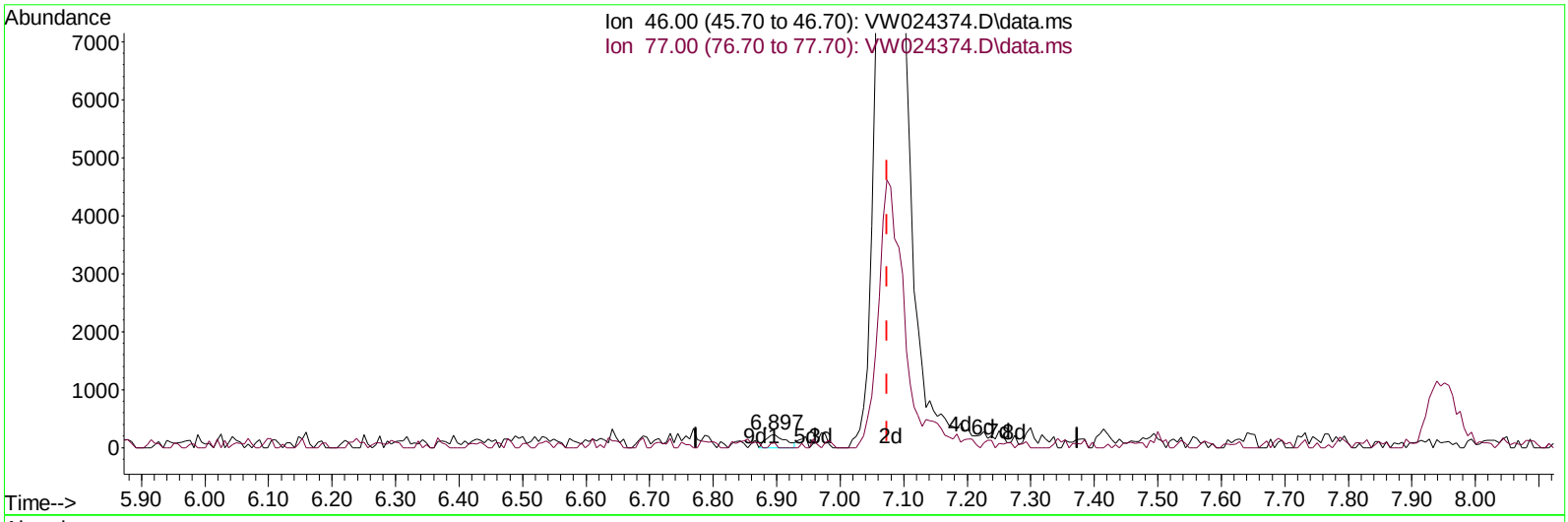
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024374.D
Acq On : 27 Aug 2022 02:04
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

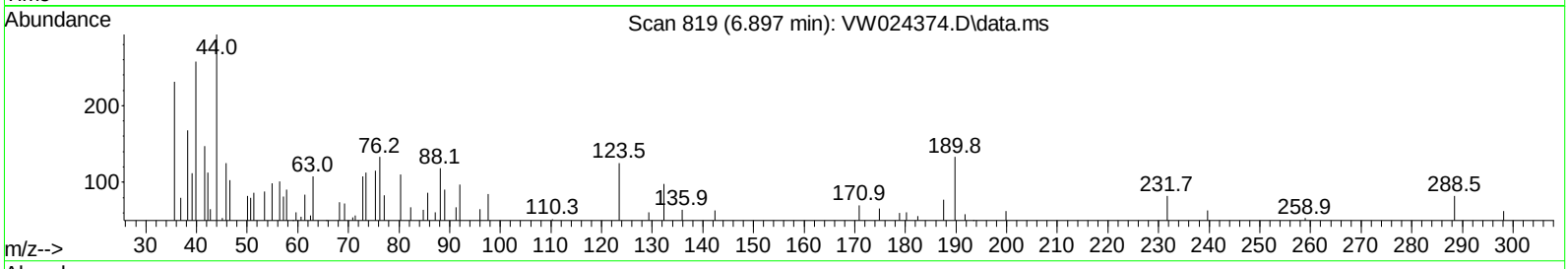
Quant Time: Aug 27 02:54:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 27 00:35:21 2022
Response via : Initial Calibration

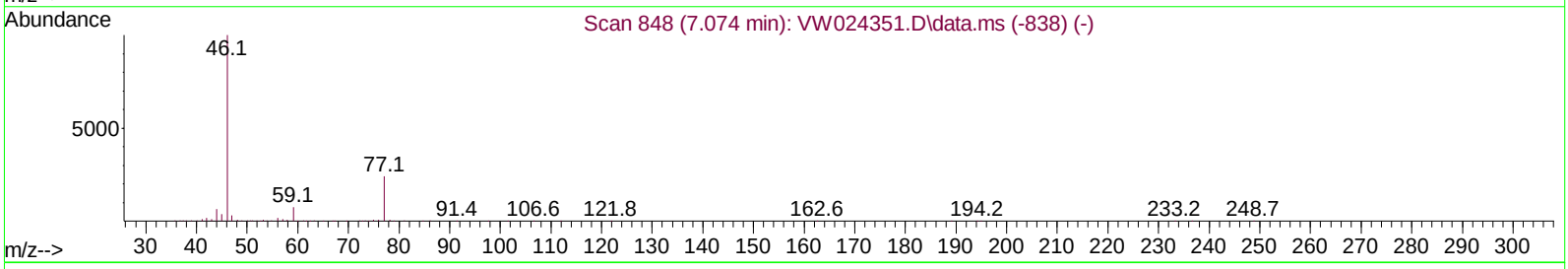
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022







TIC: VW024374.D\data.ms

(21) 2-Butanone-d5 (S)

6.897min (-0.177) 0.45 ug/L

response 481

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	12.40	11.43
0.00	0.00	0.00
0.00	0.00	0.00

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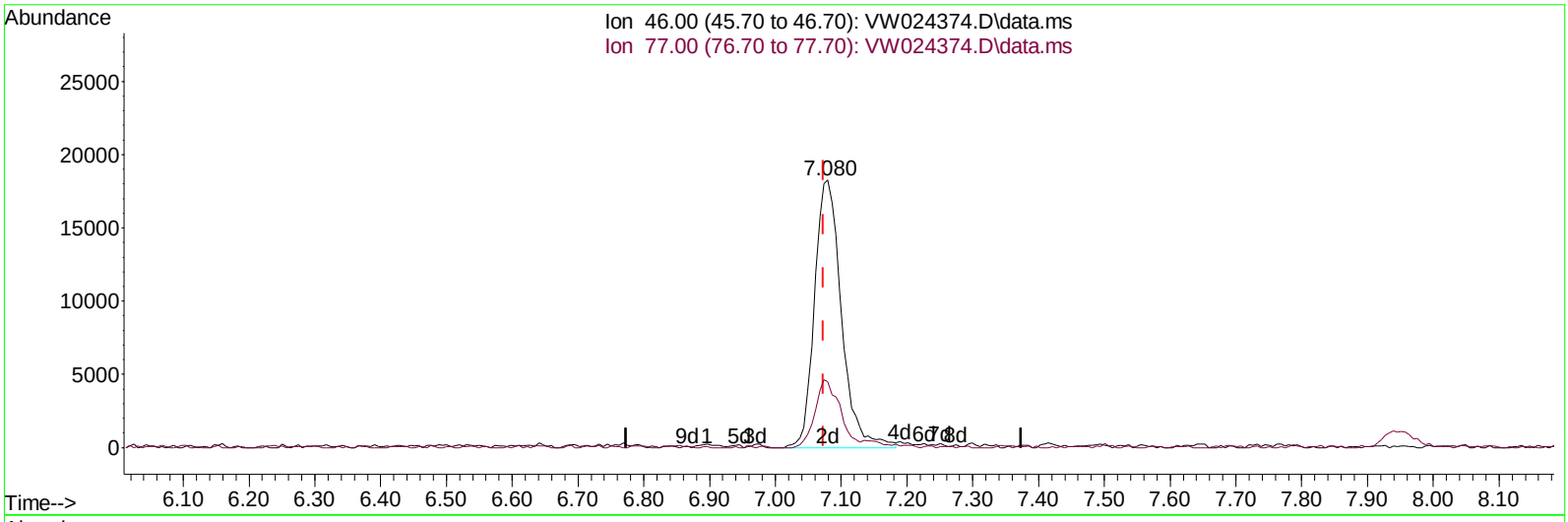

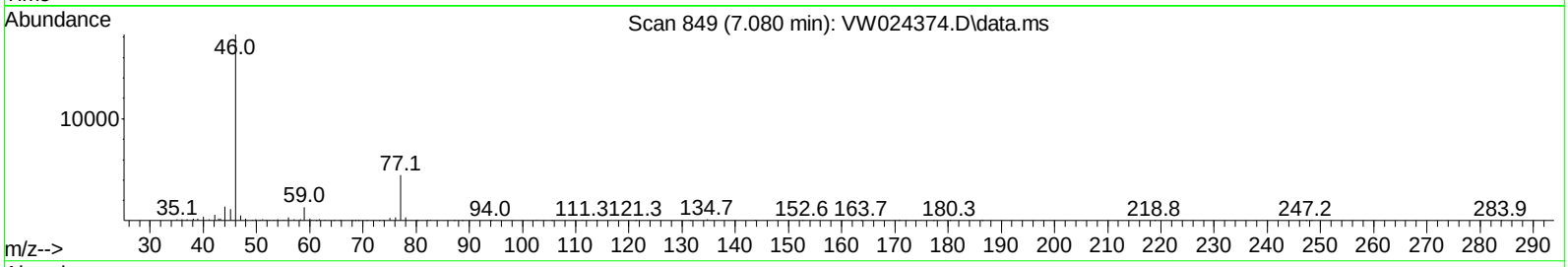

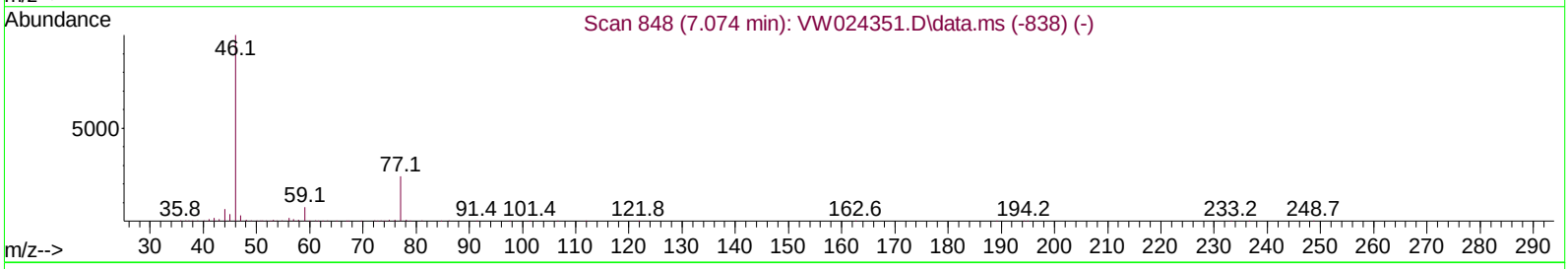

TIC: VW024374.D\data.ms

(21) 2-Butanone-d5 (S)

7.080min (+ 0.006) 48.62 ug/L m

response 51954

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	12.40	0.11#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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QLast Update : Sat Aug 27 00:35:21 2022
Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	210474	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	158399	27.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.200%			
7) Chloroethane-d5	2.873	69	111946	25.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	4.007	63	104781	20.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.280%			
21) 2-Butanone-d5	7.080	46	51954m	48.617	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.240%			
24) Chloroform-d	7.647	84	164260	24.275	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.120%			
26) 1,2-Dichloroethane-d4	8.305	65	106503	25.954	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	8.269	84	305139	21.351	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	9.274	67	106331	23.924	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.680%			
41) Toluene-d8	10.323	98	321908	23.691	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.760%			
43) trans-1,3-Dichloroprop...	10.573	79	49418	23.760	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.040%			
47) 2-Hexanone-d5	10.921	63	49983	50.255	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.500%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146890	29.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	157917	25.907	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	54188	25.705	ug/L	97
3) Chloromethane	2.215	50	99559	25.278	ug/L	98
5) Vinyl chloride	2.349	62	197966	28.753	ug/L	100
6) Bromomethane	2.763	94	123096	25.471	ug/L	98
8) Chloroethane	2.910	64	94496	26.273	ug/L	98
9) Trichlorofluoromethane	3.245	101	64270	19.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	68678	22.115	ug/L #	75
12) 1,1-Dichloroethene	4.032	96	57481	22.864	ug/L	91
13) Acetone	4.123	43	28107	44.073	ug/L	97
14) Carbon disulfide	4.373	76	180584	21.613	ug/L	99
15) Methyl Acetate	4.672	43	34893	22.366	ug/L	97
16) Methylene chloride	4.903	84	80432	22.786	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	69941	23.503	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	124835	25.621	ug/L	99
19) 1,1-Dichloroethane	6.208	63	132074	23.471	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	81039	24.764	ug/L #	97
22) 2-Butanone	7.165	43	50959	44.786	ug/L	95
23) Bromochloromethane	7.513	128	38624	24.172	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.671	83	150261	24.068	ug/L		99
27) 1,2-Dichloroethane	8.397	62	120245	26.460	ug/L		100
29) Cyclohexane	7.952	56	110390	20.528	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	115542	19.648	ug/L		97
31) Carbon tetrachloride	8.061	117	103885	19.310	ug/L		98
33) Benzene	8.317	78	349109	22.480	ug/L		100
34) Trichloroethene	9.092	95	86854	21.220	ug/L		93
35) Methylcyclohexane	9.335	83	146711	22.340	ug/L		97
37) 1,2-Dichloropropane	9.366	63	96616	24.107	ug/L	#	97
38) Bromodichloromethane	9.640	83	132393	24.258	ug/L		97
39) cis-1,3-Dichloropropene	10.067	75	137985	24.630	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	144191	50.596	ug/L		100
42) Toluene	10.384	91	471598	27.517	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	137739	25.302	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	82688	25.301	ug/L		98
46) Tetrachloroethene	10.860	164	72082	22.676	ug/L		95
48) 2-Hexanone	10.969	43	107372	51.079	ug/L		98
49) Dibromochloromethane	11.128	129	98274	25.424	ug/L		100
50) 1,2-Dibromoethane	11.231	107	80978	25.773	ug/L		98
51) Chlorobenzene	11.658	112	313239	27.231	ug/L		99
52) Ethylbenzene	11.731	91	559252	29.515	ug/L		94
53) m,p-Xylene	11.835	106	219077	29.441	ug/L		96
54) o-Xylene	12.164	106	211735	30.438	ug/L		100
55) Styrene	12.176	104	394442	32.078	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	127546	27.960	ug/L		95
59) Bromoform	12.347	173	67450	25.966	ug/L		95
60) Isopropylbenzene	12.463	105	584632	27.194	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	91524	25.004	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	486999	28.093	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	483527	28.716	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	265002	25.781	ug/L		94
65) 1,4-Dichlorobenzene	13.572	146	275482	25.385	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	247310	25.667	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20671	22.477	ug/L		89
69) 1,3,5-Trichlorobenzene	14.621	180	152237	22.947	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	120020	23.272	ug/L		98
71) Naphthalene	15.359	128	273079	24.110	ug/L		97
72) 1,2,3-Trichlorobenzene	15.554	180	112067	22.991	ug/L		97

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

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