Quantitation Report (Qedit)

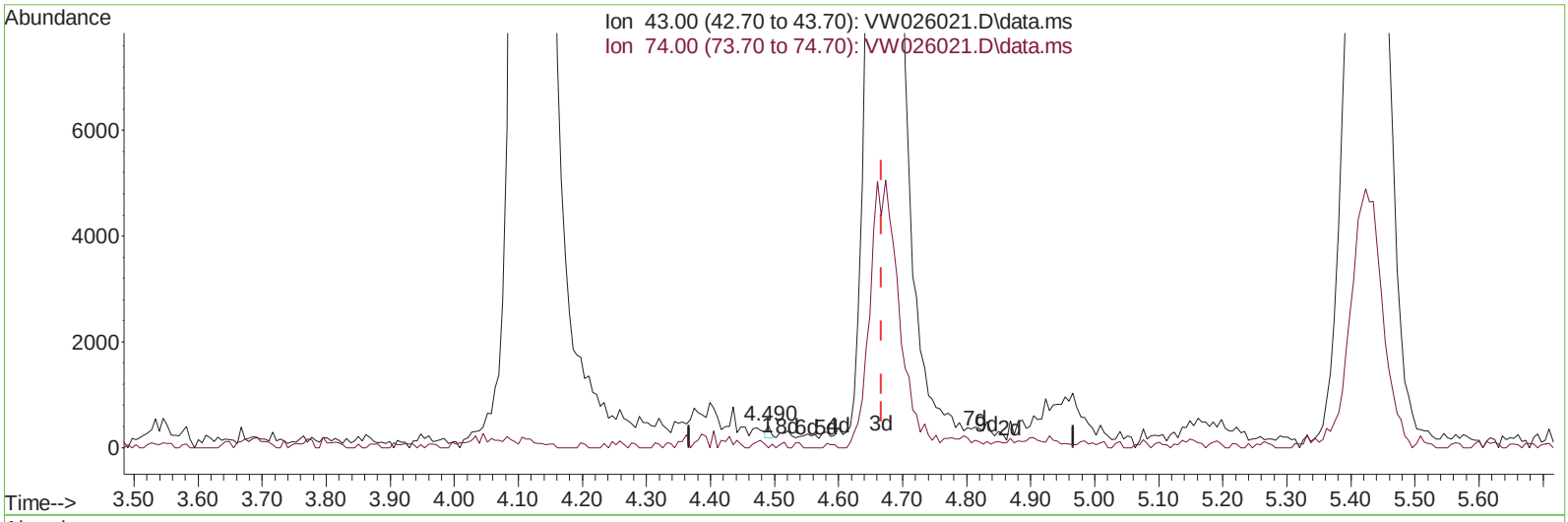
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052223\
Data File : VW026021.D
Acq On : 22 May 2023 11:18
Operator : SY/MD
Sample : 02851-02MS
Misc : 3.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

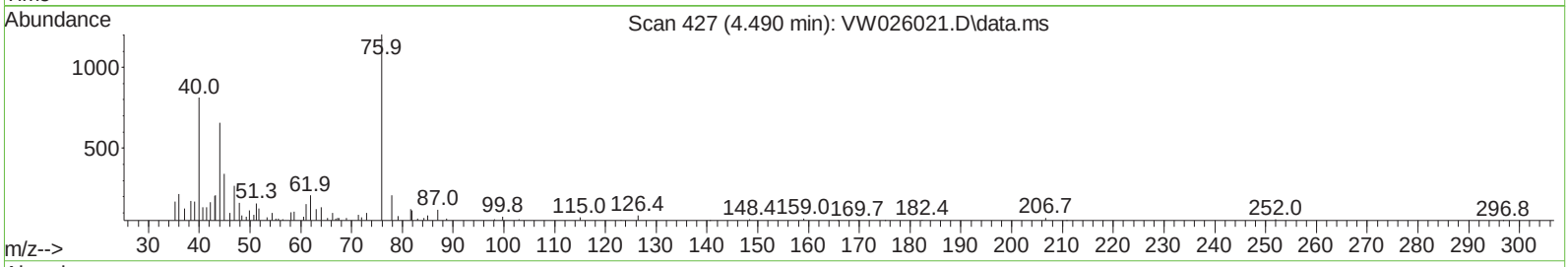
Quant Time: May 23 01:23:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 23 01:22:37 2023
Response via : Initial Calibration

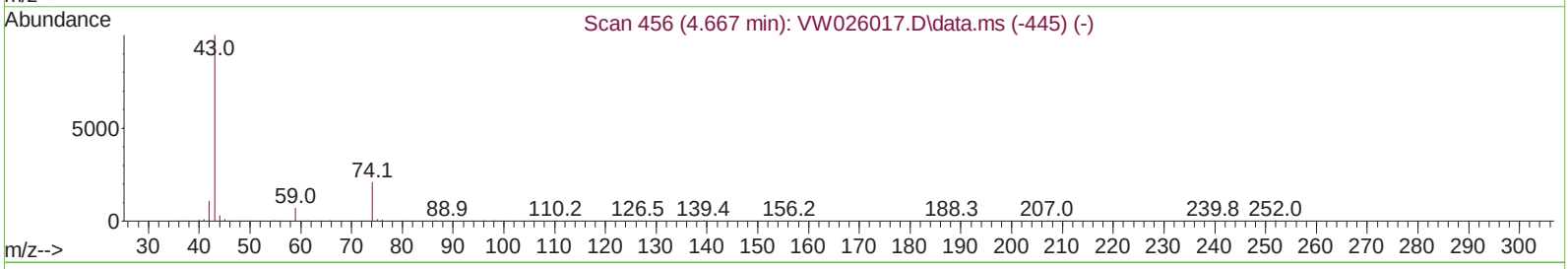
Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MS

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2023
Supervised By :Mahesh Dadoda 05/25/2023







TIC: VW026021.D\data.ms

(15) Methyl Acetate (T)

4.490min (-0.177) 0.02 ug/L

response 102

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.60	21.57
0.00	0.00	0.00
0.00	0.00	0.00

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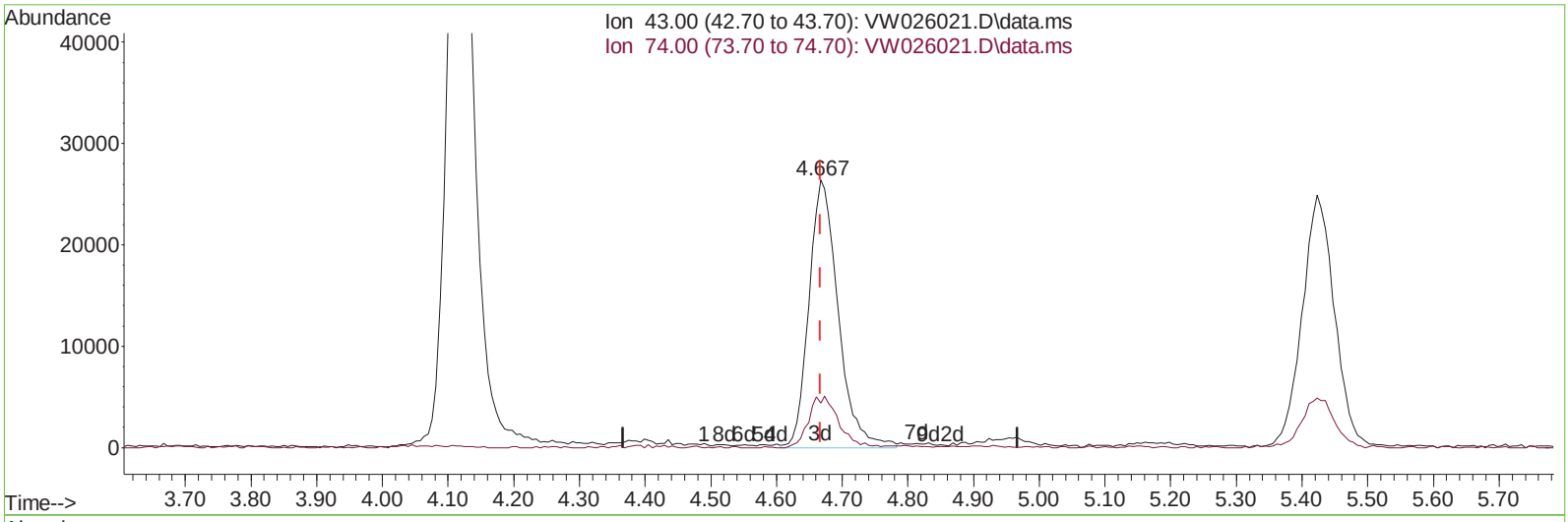

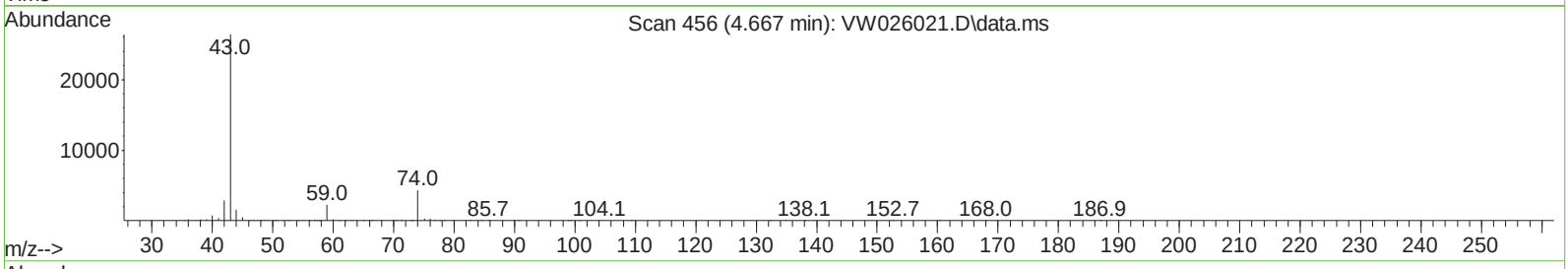

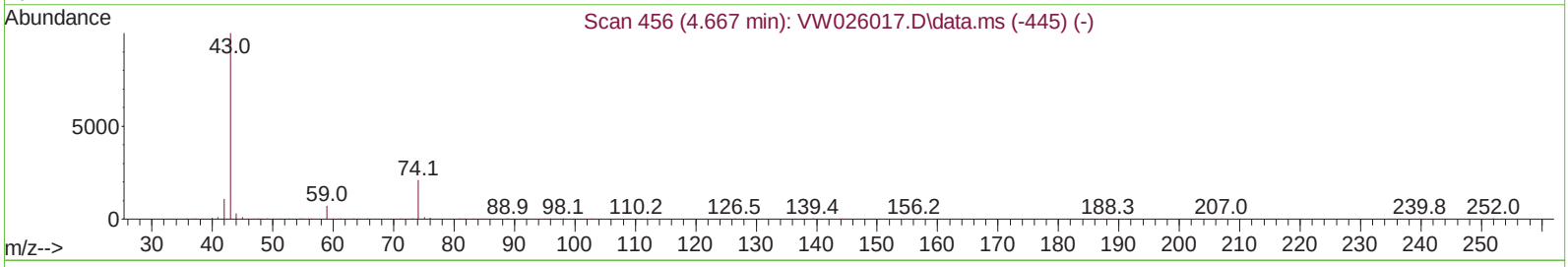

TIC: VW026021.D\data.ms

(15) Methyl Acetate (T)

4.667min (-0.000) 13.14 ug/L m

response 81814

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.60	0.03#
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	8.843	114	760521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191705	17.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.160%			
7) Chloroethane-d5	2.899	69	171230	21.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.720%			
11) 1,1-Dichloroethene-d2	4.021	65	98873	18.322	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.280%			
21) 2-Butanone-d5	7.075	46	138486	38.870	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.740%			
24) Chloroform-d	7.648	84	496881	22.658	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.640%			
26) 1,2-Dichloroethane-d4	8.307	65	263242	21.228	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.920%			
32) Benzene-d6	8.270	84	936999	22.196	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	9.276	67	318042	23.547	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.200%			
41) Toluene-d8	10.325	98	806625	21.428	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.720%			
43) trans-1,3-Dichloroprop...	10.575	79	107927	19.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.840%			
47) 2-Hexanone-d5	10.922	63	96992	42.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.220%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235028	22.830	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.320%			
66) 1,2-Dichlorobenzene-d4	13.848	152	211164	20.627	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	145917	17.174	ug/L	90
3) Chloromethane	2.222	50	258371	20.624	ug/L	99
5) Vinyl chloride	2.375	62	281823	21.734	ug/L	100
6) Bromomethane	2.789	94	144131	20.436	ug/L	94
8) Chloroethane	2.936	64	173950	23.592	ug/L	98
9) Trichlorofluoromethane	3.265	101	206035	21.054	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	228223	21.444	ug/L	96
12) 1,1-Dichloroethene	4.045	96	215790	21.216	ug/L	96
13) Acetone	4.118	43	185381	58.681	ug/L	99
14) Carbon disulfide	4.393	76	652148	18.959	ug/L	99
15) Methyl Acetate	4.667	43	81814m	13.142	ug/L	
16) Methylene chloride	4.917	84	260660	16.619	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	235341	21.209	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	374794	22.255	ug/L	100
19) 1,1-Dichloroethane	6.222	63	524964	23.027	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	269625	22.649	ug/L	100
22) 2-Butanone	7.167	43	195420	44.799	ug/L	100
23) Bromochloromethane	7.514	128	113206	22.447	ug/L	94

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Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	7.679	83	496314	23.687 ug/L	99
27) 1,2-Dichloroethane	8.398	62	331270	22.262 ug/L	100
29) Cyclohexane	7.959	56	420083	20.982 ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378104	23.930 ug/L	99
31) Carbon tetrachloride	8.069	117	324736	22.838 ug/L	100
33) Benzene	8.325	78	1072877	24.003 ug/L	100
34) Trichloroethene	9.093	95	263551	22.978 ug/L	98
35) Methylcyclohexane	9.337	83	375829	18.423 ug/L	99
37) 1,2-Dichloropropane	9.367	63	294271	24.030 ug/L	100
38) Bromodichloromethane	9.642	83	337113	23.994 ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	388622	21.640 ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	352301	44.197 ug/L	99
42) Toluene	10.386	91	1101984	24.128 ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	332288	22.330 ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	191846	23.419 ug/L	97
46) Tetrachloroethene	10.861	164	175474	21.746 ug/L	96
48) 2-Hexanone	10.965	43	263797	46.196 ug/L	96
49) Dibromochloromethane	11.129	129	194025	22.878 ug/L	99
50) 1,2-Dibromoethane	11.233	107	168010	22.247 ug/L	96
51) Chlorobenzene	11.654	112	640648	22.643 ug/L	97
52) Ethylbenzene	11.727	91	1186708	23.099 ug/L	98
53) m,p-Xylene	11.836	106	433581	22.931 ug/L	99
54) o-Xylene	12.166	106	414752	23.272 ug/L	90
55) Styrene	12.178	104	687500	22.538 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	222212	21.740 ug/L	95
59) Bromoform	12.349	173	106889	25.697 ug/L	99
60) Isopropylbenzene	12.458	105	1100748	25.787 ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164907	24.847 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	840833	24.869 ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	764400	24.500 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	404594	22.018 ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	410269	22.099 ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	366298	22.352 ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33218	21.584 ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	199704	16.372 ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	147295	14.414 ug/L	99
71) Naphthalene	15.360	128	297375	15.418 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117277	12.934 ug/L	98

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

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