Quantitation Report (Qedit)

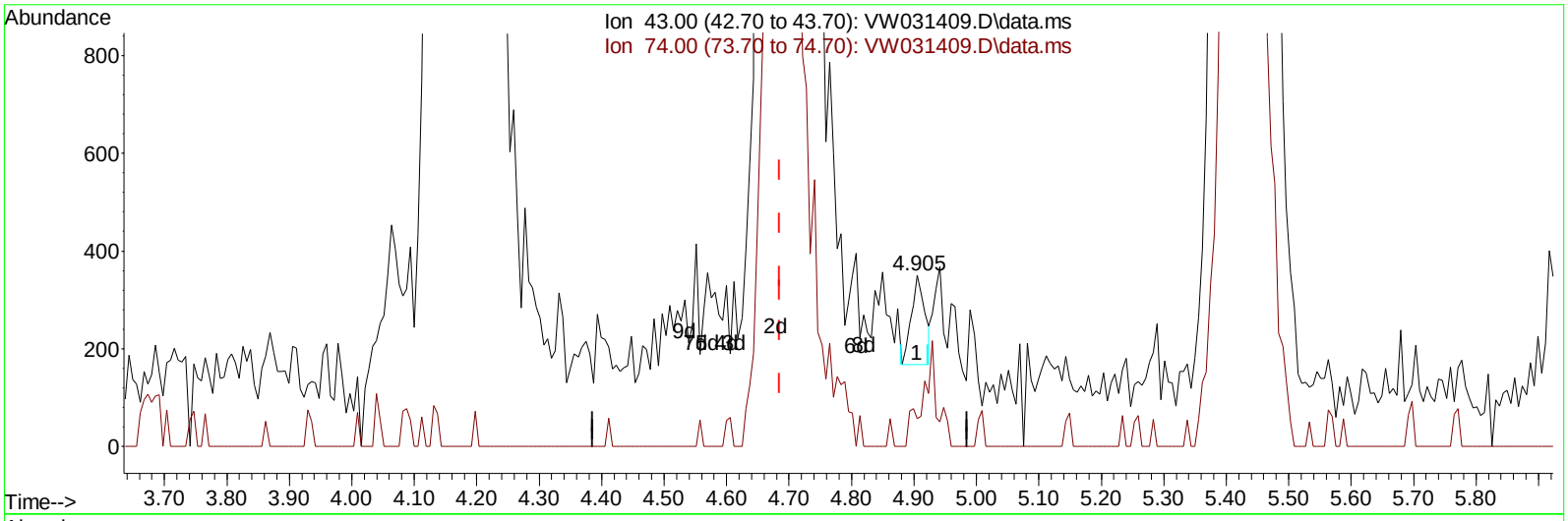
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031409.D
Acq On : 20 Dec 2024 02:08
Operator : SY/MD
Sample : P5302-04MS
Misc : 4.12g/10mL/MSVOA_W/SOIL/B
ALS Vial : 45 Sample Multiplier: 1

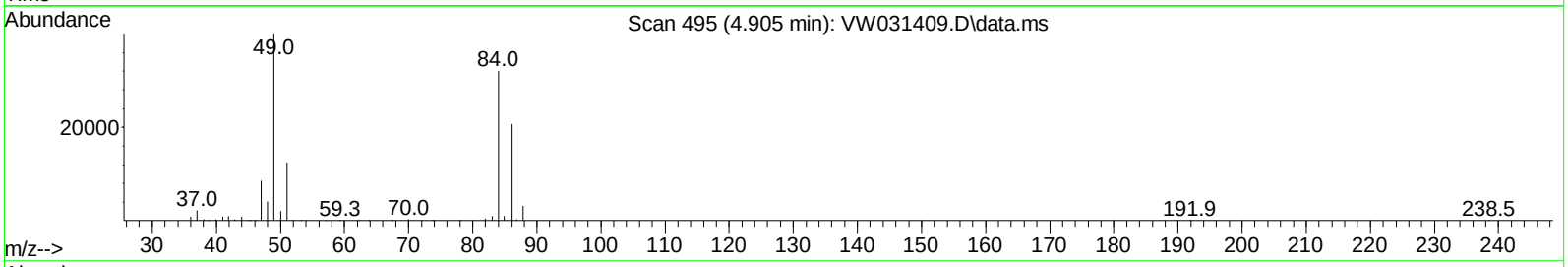
Quant Time: Dec 20 04:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 20 03:08:41 2024
Response via : Initial Calibration

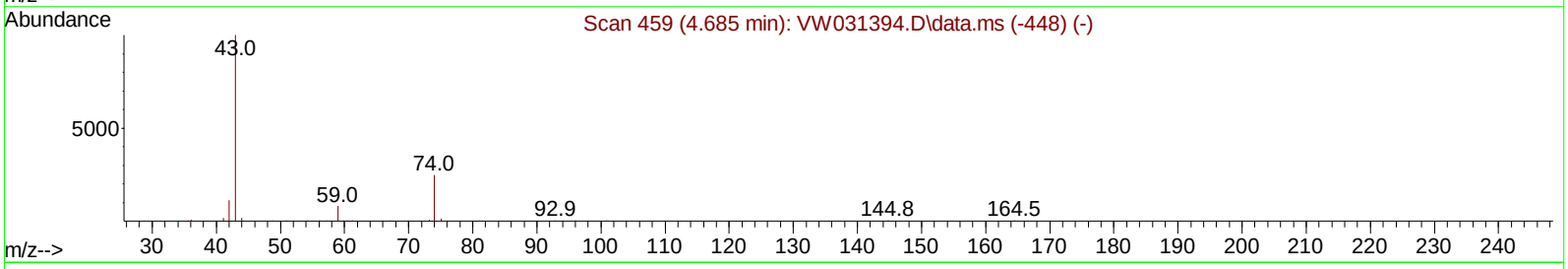
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MS

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/20/2024
Supervised By :Mahesh Dadoda 12/23/2024







TIC: VW031409.D\data.ms

(15) Methyl Acetate (T)

4.905min (+ 0.220) 0.11 ug/L

response 275

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.60	27.64
0.00	0.00	0.00
0.00	0.00	0.00

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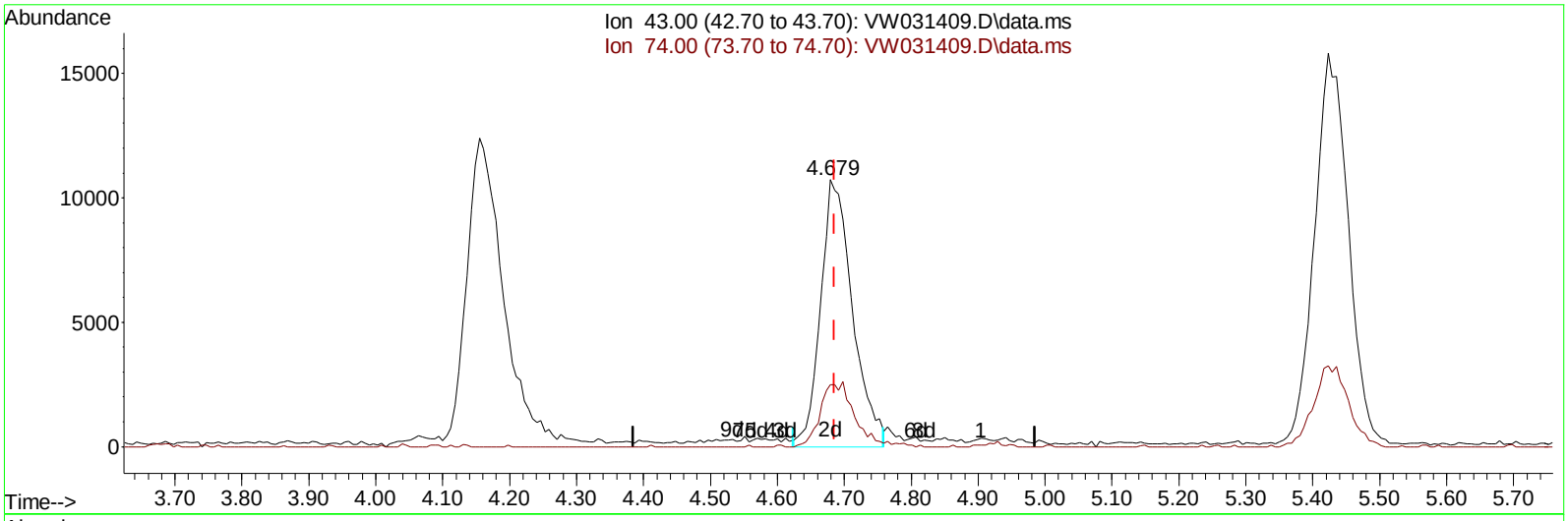

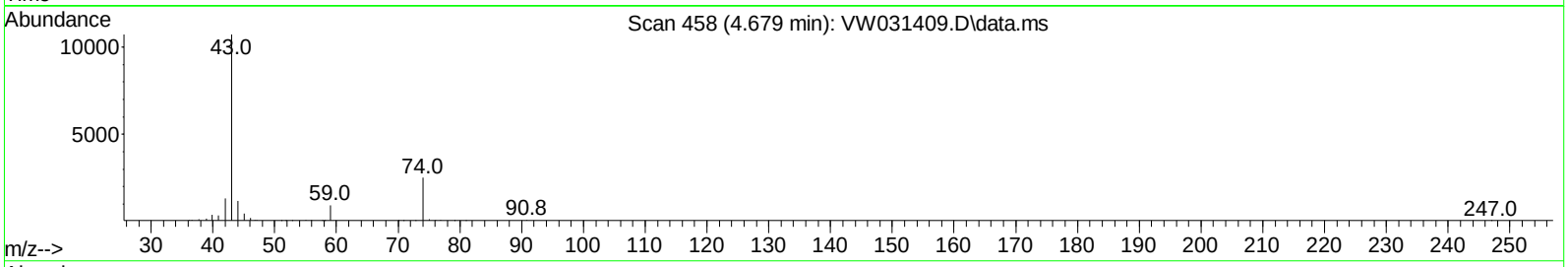

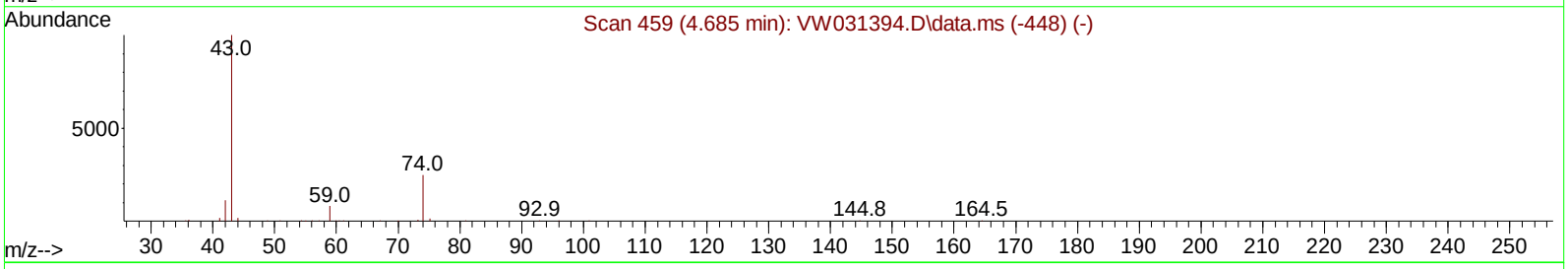

TIC: VW031409.D\data.ms

(15) Methyl Acetate (T)

4.679min (-0.006) 13.78 ug/L m

response 35522

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.60	0.21#
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	8.837	114	575280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	463530	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	130163	15.038	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.160%		
7) Chloroethane-d5	2.899	69	117439	18.341	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.360%		
11) 1,1-Dichloroethene-d2	4.015	65	56421	13.742	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.960%		
21) 2-Butanone-d5	7.094	46	44448	27.267	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.540%		
24) Chloroform-d	7.648	84	270090	17.135	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.560%		
26) 1,2-Dichloroethane-d4	8.301	65	154364	19.500	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.000%		
32) Benzene-d6	8.276	84	491077	16.529	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.120%		
36) 1,2-Dichloropropane-d6	9.270	67	162912	18.815	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.240%		
41) Toluene-d8	10.319	98	417805	15.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	60.480%		
43) trans-1,3-Dichloroprop...	10.575	79	49820	12.478	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	49.920%		
47) 2-Hexanone-d5	10.922	63	29845	25.630	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.260%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114961	21.146	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	114734	16.973	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.880%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	55811	10.735	ug/L	99
3) Chloromethane	2.216	50	72049	12.335	ug/L	98
5) Vinyl chloride	2.363	62	103989	12.847	ug/L	99
6) Bromomethane	2.789	94	58709	11.797	ug/L	98
8) Chloroethane	2.930	64	76548	15.902	ug/L	99
9) Trichlorofluoromethane	3.265	101	112462	13.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89547	12.860	ug/L #	83
12) 1,1-Dichloroethene	4.039	96	81047	11.492	ug/L	98
13) Acetone	4.155	43	43788	19.288	ug/L #	100
14) Carbon disulfide	4.381	76	187046	8.132	ug/L	99
15) Methyl Acetate	4.679	43	35522m	13.777	ug/L	
16) Methylene chloride	4.911	84	118666	16.394	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93671	12.322	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	250426	19.705	ug/L	99
19) 1,1-Dichloroethane	6.222	63	211199	14.867	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	123634	15.032	ug/L	98
22) 2-Butanone	7.185	43	64786	23.553	ug/L	99
23) Bromochloromethane	7.514	128	58639	17.876	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.679	83	227498	16.227	ug/L		98
27) 1,2-Dichloroethane	8.398	62	158318	17.962	ug/L		100
29) Cyclohexane	7.953	56	126397	10.055	ug/L		95
30) 1,1,1-Trichloroethane	7.868	97	156294	13.045	ug/L		98
31) Carbon tetrachloride	8.069	117	119788	11.223	ug/L		98
33) Benzene	8.319	78	423495	14.784	ug/L		100
34) Trichloroethene	9.087	95	101630	12.567	ug/L		96
35) Methylcyclohexane	9.331	83	131808	9.359	ug/L		97
37) 1,2-Dichloropropane	9.368	63	122493	17.142	ug/L		100
38) Bromodichloromethane	9.642	83	146452	15.764	ug/L		96
39) cis-1,3-Dichloropropene	10.069	75	148343	12.285	ug/L		96
40) 4-Methyl-2-pentanone	10.209	43	137441	36.252	ug/L		99
42) Toluene	10.386	91	417837	13.398	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	126757	12.856	ug/L		95
45) 1,1,2-Trichloroethane	10.782	97	93359	19.642	ug/L		97
46) Tetrachloroethene	10.861	164	63722	10.757	ug/L		96
48) 2-Hexanone	10.965	43	78745	24.421	ug/L		99
49) Dibromochloromethane	11.123	129	89128	15.819	ug/L		96
50) 1,2-Dibromoethane	11.233	107	79194	17.588	ug/L		94
51) Chlorobenzene	11.654	112	265891	13.598	ug/L		99
52) Ethylbenzene	11.727	91	428591	11.857	ug/L		98
53) m,p-Xylene	11.837	106	158771	11.539	ug/L		96
54) o-Xylene	12.160	106	169664	13.083	ug/L		100
55) Styrene	12.178	104	275095	12.753	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.714	83	103892	20.276	ug/L		98
59) Bromoform	12.349	173	45221	17.679	ug/L	#	80
60) Isopropylbenzene	12.458	105	382743	12.845	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	77366	24.831	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	322927	12.783	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	325060	13.313	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	178467	14.783	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	175263	14.652	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	167355	16.089	ug/L		88
68) 1,2-Dibromo-3-chloropr...	14.476	75	15387	19.460	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	98999	11.709	ug/L		95
70) 1,2,4-trichlorobenzene	15.123	180	90856	12.918	ug/L		91
71) Naphthalene	15.354	128	212210	17.210	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	77341	13.648	ug/L		99

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

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