Quantitation Report (Qedit)

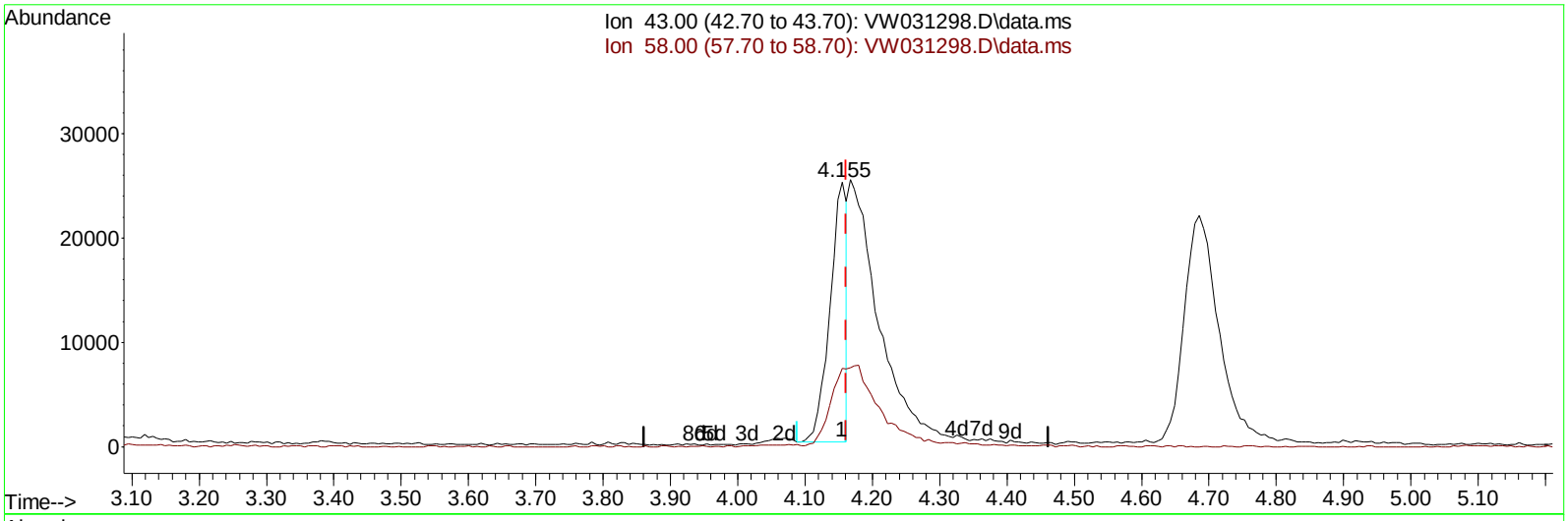
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031298.D
Acq On : 17 Dec 2024 02:37
Operator : SY/MD
Sample : P5155-18MS
Misc : 4.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 45 Sample Multiplier: 1

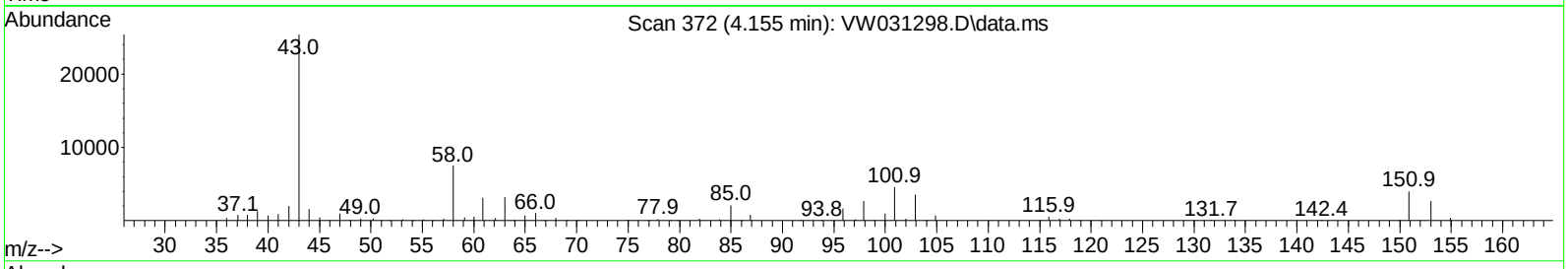
Quant Time: Dec 17 03:42:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration

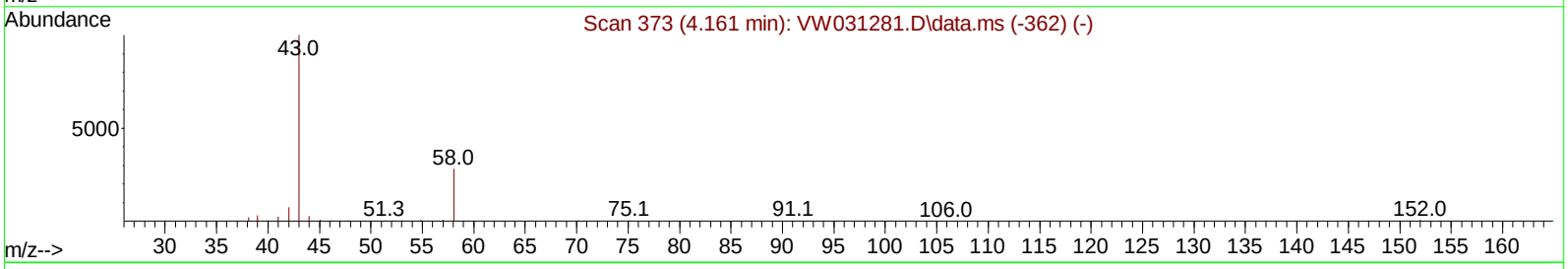
Instrument :
MSVOA_W
ClientSampleId :
E28W2MS

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024







TIC: VW031298.D\data.ms

(13) Acetone (T)

4.155min (-0.006) 9.31 ug/L

response 43652

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.00	30.10#
0.00	0.00	0.00
0.00	0.00	0.00

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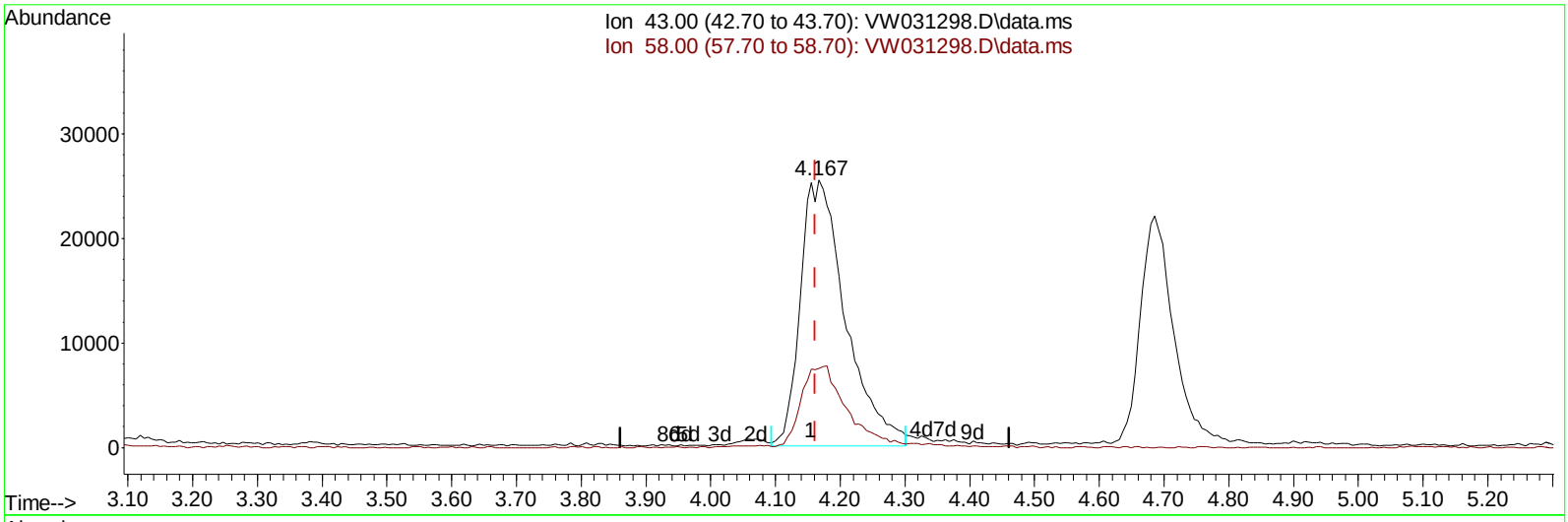

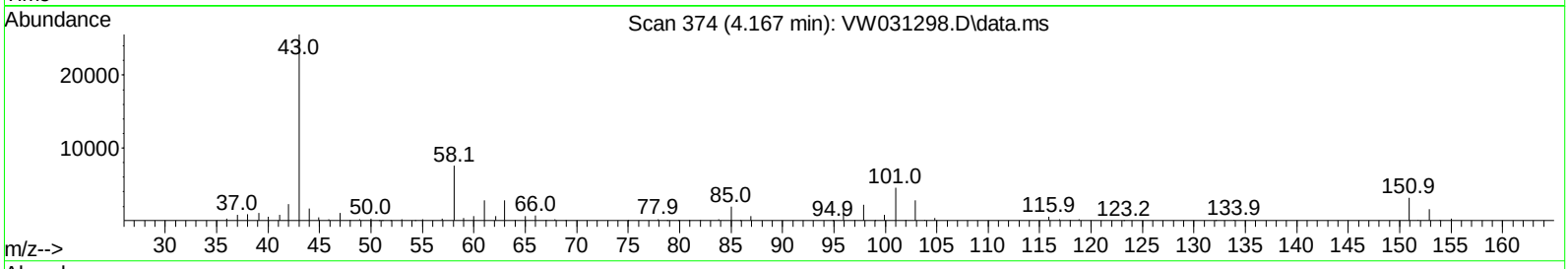

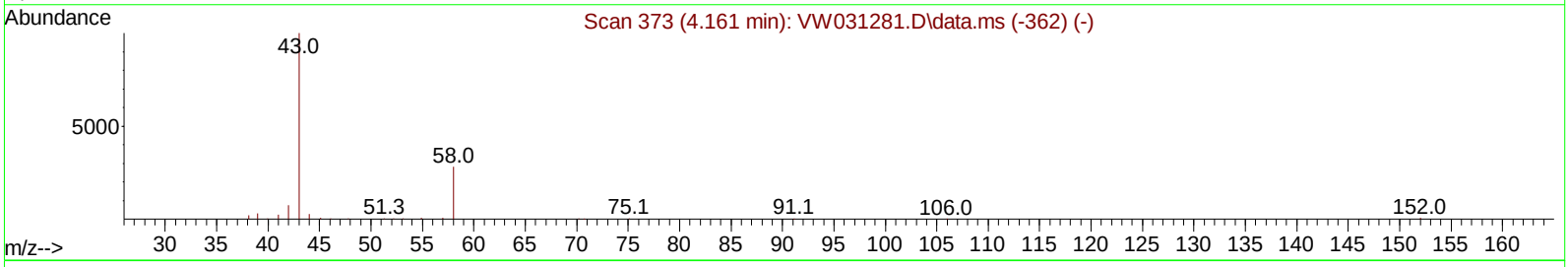

TIC: VW031298.D\data.ms

(13) Acetone (T)

4.167min (+ 0.006) 26.37 ug/L m

response 123634

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.00	10.63#
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 4.05g/10mL/MSVOA_W/SOIL/A
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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	1187946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	912473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	357406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	296252	16.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.280%		
7) Chloroethane-d5	2.893	69	241857	18.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.160%		
11) 1,1-Dichloroethene-d2	4.009	65	141961	16.744	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.960%		
21) 2-Butanone-d5	7.094	46	105952	31.476	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.960%		
24) Chloroform-d	7.642	84	622544	19.127	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.520%		
26) 1,2-Dichloroethane-d4	8.301	65	342054	20.925	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.720%		
32) Benzene-d6	8.270	84	1190725	20.360	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.440%		
36) 1,2-Dichloropropane-d6	9.270	67	366916	21.526	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.120%		
41) Toluene-d8	10.319	98	996473	18.315	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.240%		
43) trans-1,3-Dichloroprop...	10.575	79	145086	18.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.840%		
47) 2-Hexanone-d5	10.922	63	82602	36.035	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.080%		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	263158	24.590	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.360%		
66) 1,2-Dichlorobenzene-d4	13.849	152	252822	19.054	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	141943	13.221	ug/L	95
3) Chloromethane	2.216	50	155621	12.903	ug/L	97
5) Vinyl chloride	2.369	62	213766	12.789	ug/L	98
6) Bromomethane	2.783	94	114762	11.168	ug/L	98
8) Chloroethane	2.930	64	141068	14.191	ug/L	98
9) Trichlorofluoromethane	3.259	101	219414	12.322	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	188647	13.120	ug/L	91
12) 1,1-Dichloroethene	4.039	96	187412	12.869	ug/L	89
13) Acetone	4.167	43	123634m	26.373	ug/L	
14) Carbon disulfide	4.387	76	485034	10.212	ug/L	99
15) Methyl Acetate	4.686	43	78136	14.675	ug/L #	87
16) Methylene chloride	4.917	84	212019	14.185	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	208119	13.258	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	423908	16.153	ug/L	99
19) 1,1-Dichloroethane	6.210	63	424575	14.474	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	243816	14.355	ug/L	98
22) 2-Butanone	7.179	43	154916	27.273	ug/L	97
23) Bromochloromethane	7.514	128	106296	15.692	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	435174	15.031	ug/L	98
27) 1,2-Dichloroethane	8.398	62	288963	15.876	ug/L	99
29) Cyclohexane	7.953	56	301774	12.195	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	335548	14.227	ug/L	99
31) Carbon tetrachloride	8.069	117	286365	13.629	ug/L	99
33) Benzene	8.319	78	852340	15.115	ug/L	100
34) Trichloroethene	9.087	95	215887	13.561	ug/L	95
35) Methylcyclohexane	9.331	83	291505	10.514	ug/L	98
37) 1,2-Dichloropropane	9.362	63	229714	16.330	ug/L	99
38) Bromodichloromethane	9.642	83	303897	16.618	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	326377	13.730	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248056	33.237	ug/L	98
42) Toluene	10.386	91	828520	13.495	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	281682	14.513	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	169580	18.124	ug/L	96
46) Tetrachloroethene	10.861	164	125243	10.740	ug/L	92
48) 2-Hexanone	10.965	43	182522	28.755	ug/L	99
49) Dibromochloromethane	11.123	129	186319	16.799	ug/L	98
50) 1,2-Dibromoethane	11.233	107	159496	17.994	ug/L	95
51) Chlorobenzene	11.654	112	497209	12.917	ug/L	98
52) Ethylbenzene	11.727	91	790505	11.110	ug/L	95
53) m,p-Xylene	11.837	106	302985	11.186	ug/L	97
54) o-Xylene	12.160	106	315835	12.372	ug/L	99
55) Styrene	12.178	104	519994	12.246	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	181180	17.963	ug/L	95
59) Bromoform	12.349	173	100528	20.022	ug/L	97
60) Isopropylbenzene	12.459	105	700865	11.983	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139143	22.751	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	560257	11.298	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	569042	11.873	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	297820	12.568	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	292193	12.445	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	290766	14.241	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	31144	20.067	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	151650	9.138	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	130017	9.418	ug/L	97
71) Naphthalene	15.354	128	391344	16.169	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	119988	10.787	ug/L	100

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

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