Quantitation Report (Qedit)

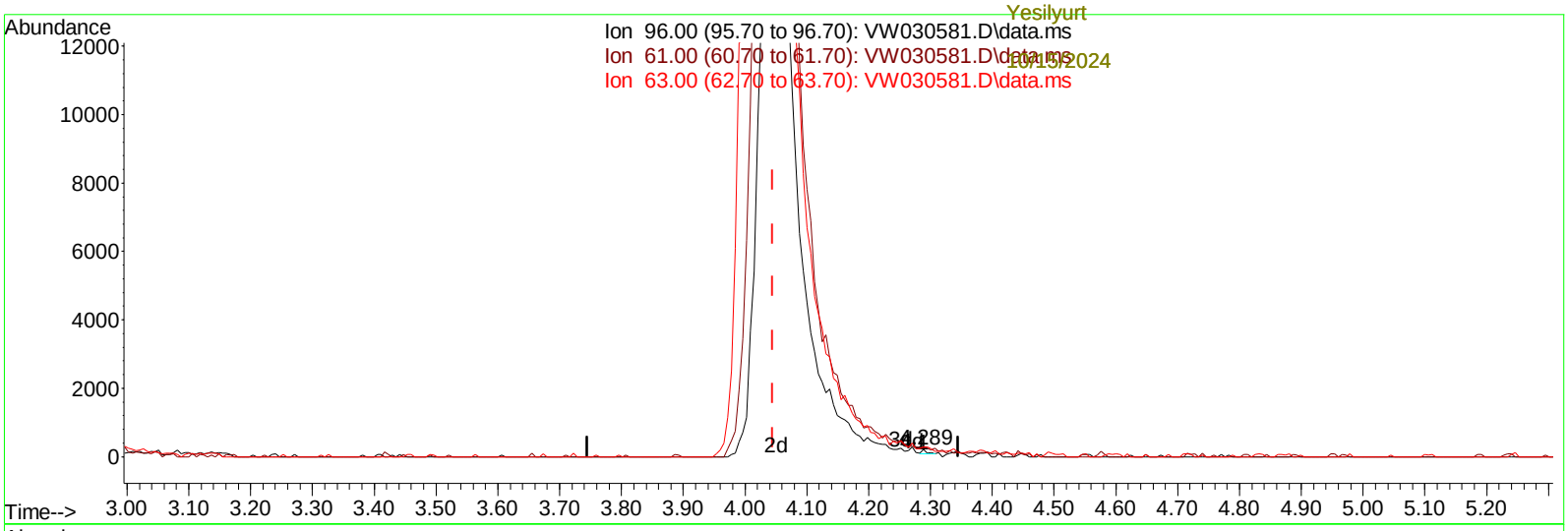
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030581.D
Acq On : 12 Oct 2024 05:14
Operator : SY/MD
Sample : P4350-13MS
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 47 Sample Multiplier: 1

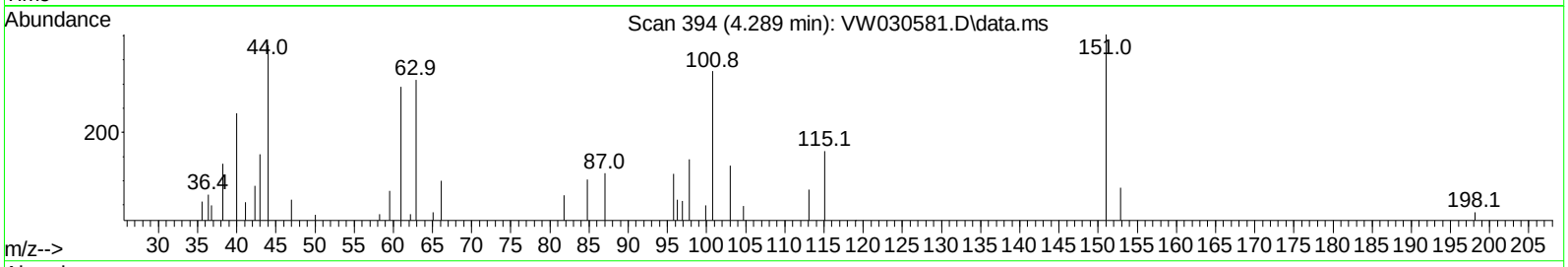
Quant Time: Oct 14 04:53:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 04:33:53 2024
Response via : Initial Calibration

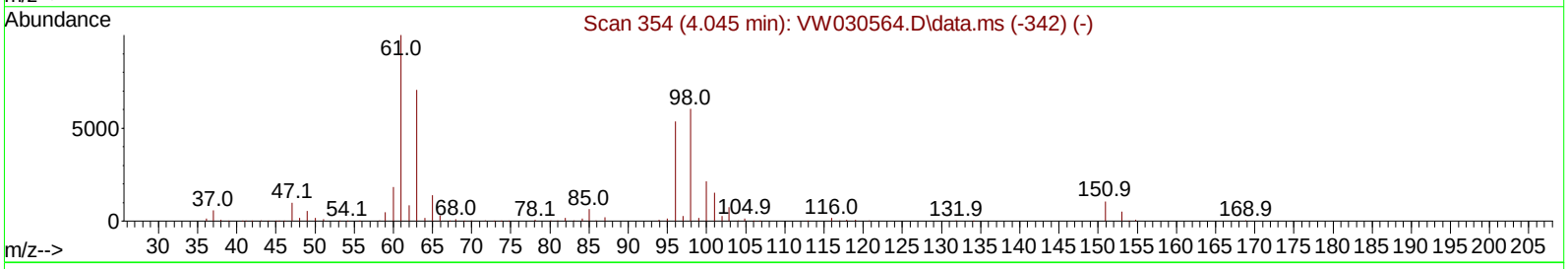
Instrument :
MSVOA_W
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda
10/15/2024
Supervised By :Semsettin Yesilyurt
10/15/2024







TIC: VW030581.D\data.ms

(12) 1,1-Dichloroethene (T)

4.289min (+ 0.244) 0.01 ug/L

response 69

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	173.30	125.57
63.00	125.20	131.05
0.00	0.00	0.00

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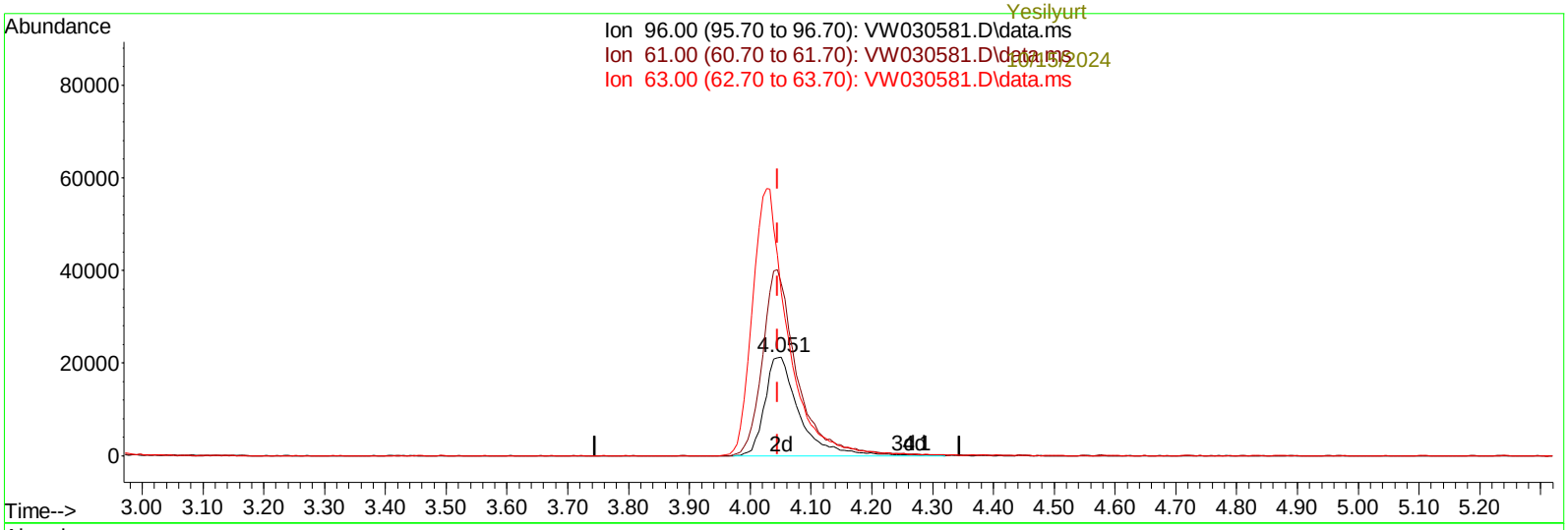

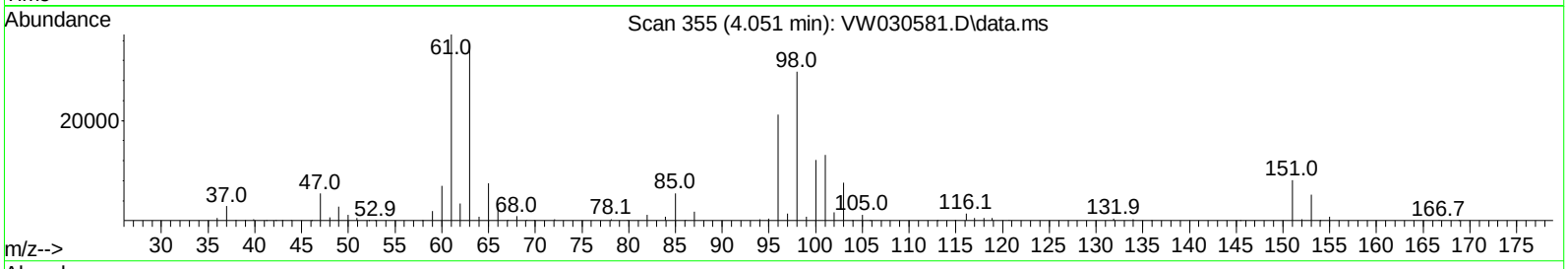

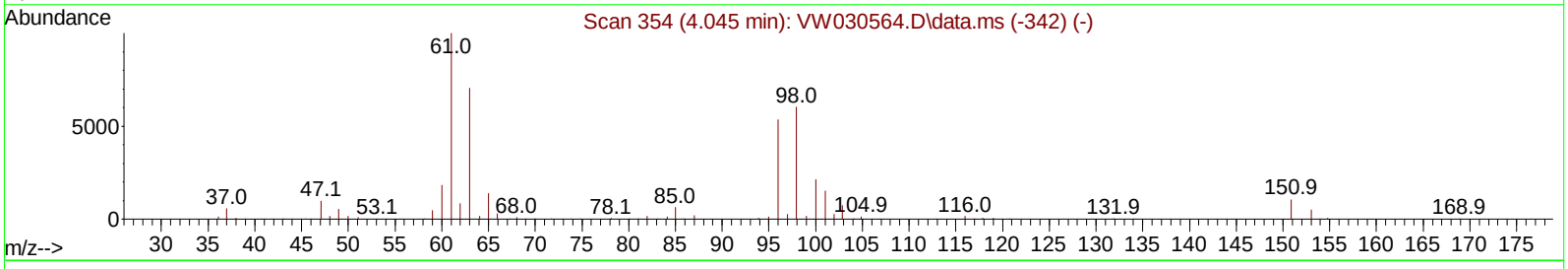

TIC: VW030581.D\data.ms

(12) 1,1-Dichloroethene (T)

4.051min (+ 0.006) 13.39 ug/L m

response 83733

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	173.30	174.86
63.00	125.20	165.92#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	465928	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142610	19.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.880%			
7) Chloroethane-d5	2.899	69	133982	24.168	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.680%			
11) 1,1-Dichloroethene-d2	4.021	65	58464	19.193	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.760%			
21) 2-Butanone-d5	7.075	46	54925	41.673	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.340%			
24) Chloroform-d	7.648	84	308219	23.132	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.520%			
26) 1,2-Dichloroethane-d4	8.307	65	171427	24.741	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.960%			
32) Benzene-d6	8.276	84	550673	23.524	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.080%			
36) 1,2-Dichloropropane-d6	9.270	67	174792	25.440	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.760%			
41) Toluene-d8	10.318	98	460498	21.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	10.574	79	72289	25.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.520%			
47) 2-Hexanone-d5	10.922	63	49167	55.559	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144343	28.606	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	149914	25.802	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	75069	12.611	ug/L	90
3) Chloromethane	2.228	50	94908	13.718	ug/L	98
5) Vinyl chloride	2.381	62	111314	13.083	ug/L	100
6) Bromomethane	2.789	94	81436	14.541	ug/L	98
8) Chloroethane	2.936	64	78506	15.094	ug/L	99
9) Trichlorofluoromethane	3.265	101	89775	11.792	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84548	12.344	ug/L	98
12) 1,1-Dichloroethene	4.051	96	83733m	13.395	ug/L	
13) Acetone	4.124	43	34600	17.931	ug/L	98
14) Carbon disulfide	4.393	76	184344	9.031	ug/L	100
15) Methyl Acetate	4.673	43	33749	14.159	ug/L	97
16) Methylene chloride	4.923	84	101078	14.350	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	89639	13.289	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	167904	17.786	ug/L	99
19) 1,1-Dichloroethane	6.215	63	179614	14.327	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	107560	14.950	ug/L	98
22) 2-Butanone	7.167	43	50971	24.506	ug/L	100
23) Bromochloromethane	7.514	128	49495	15.725	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.679	83	197059	14.709	ug/L		98
27) 1,2-Dichloroethane	8.398	62	132780	15.023	ug/L		100
29) Cyclohexane	7.959	56	114447	11.657	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	142149	13.277	ug/L		97
31) Carbon tetrachloride	8.069	117	117715	12.310	ug/L		99
33) Benzene	8.325	78	383339	14.605	ug/L		100
34) Trichloroethene	9.093	95	90890	12.447	ug/L		96
35) Methylcyclohexane	9.331	83	114828	9.992	ug/L		99
37) 1,2-Dichloropropane	9.367	63	101508	15.485	ug/L		99
38) Bromodichloromethane	9.642	83	135755	15.566	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	151481	15.320	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	110501	35.089	ug/L		99
42) Toluene	10.385	91	370824	13.243	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	129696	15.609	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	79286	16.735	ug/L		96
46) Tetrachloroethene	10.861	164	50229	9.327	ug/L		94
48) 2-Hexanone	10.965	43	73556	28.562	ug/L		99
49) Dibromochloromethane	11.129	129	89061	16.848	ug/L		90
50) 1,2-Dibromoethane	11.233	107	75174	17.005	ug/L	#	96
51) Chlorobenzene	11.653	112	235435	13.061	ug/L		99
52) Ethylbenzene	11.727	91	345843	10.824	ug/L		96
53) m,p-Xylene	11.836	106	130954	10.940	ug/L		97
54) o-Xylene	12.166	106	139944	12.646	ug/L		96
55) Styrene	12.178	104	244724	12.936	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	92147	17.248	ug/L		94
59) Bromoform	12.342	173	46563	19.300	ug/L		100
60) Isopropylbenzene	12.458	105	289405	10.883	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	65036	19.463	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	242468	11.557	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	250571	12.198	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	155972	13.475	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	161636	13.524	ug/L		98
67) 1,2-Dichlorobenzene	13.867	146	153470	15.067	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14712	19.746	ug/L	#	79
69) 1,3,5-Trichlorobenzene	14.622	180	88358	11.576	ug/L		94
70) 1,2,4-trichlorobenzene	15.128	180	87119	14.177	ug/L		99
71) Naphthalene	15.360	128	238288	22.445	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	85235	16.000	ug/L		96

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

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