Quantitation Report (Qedit)

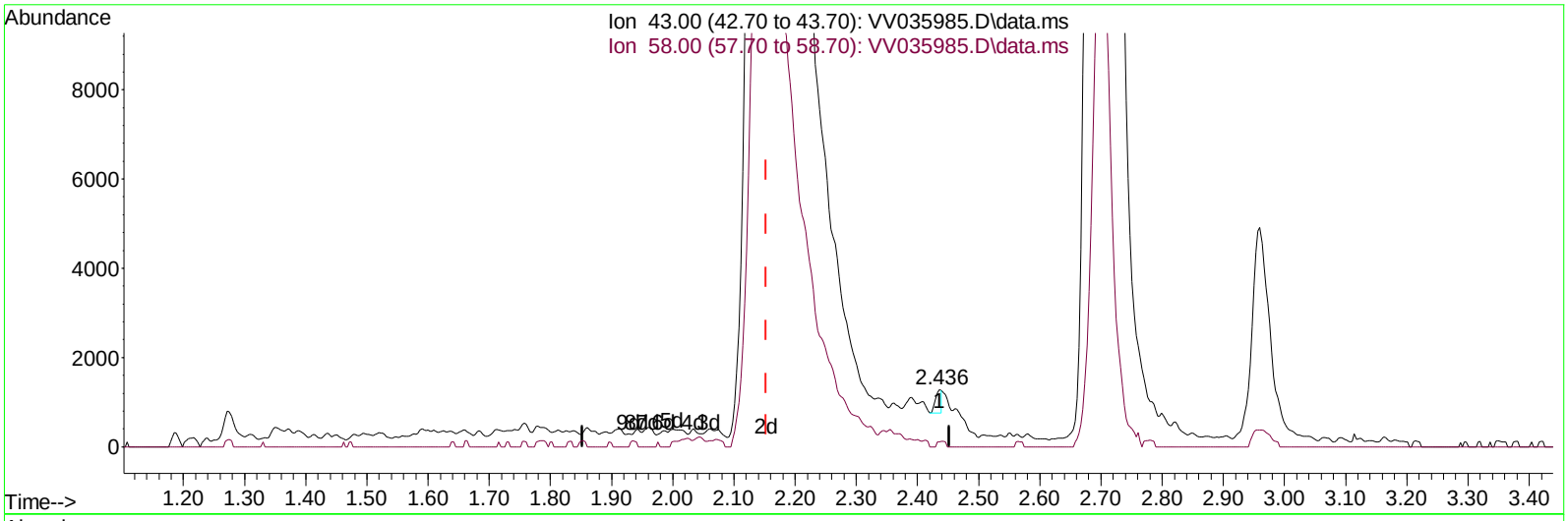
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035985.D
Acq On : 06 Jun 2024 14:19
Operator : SY/MD
Sample : P2754-14
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

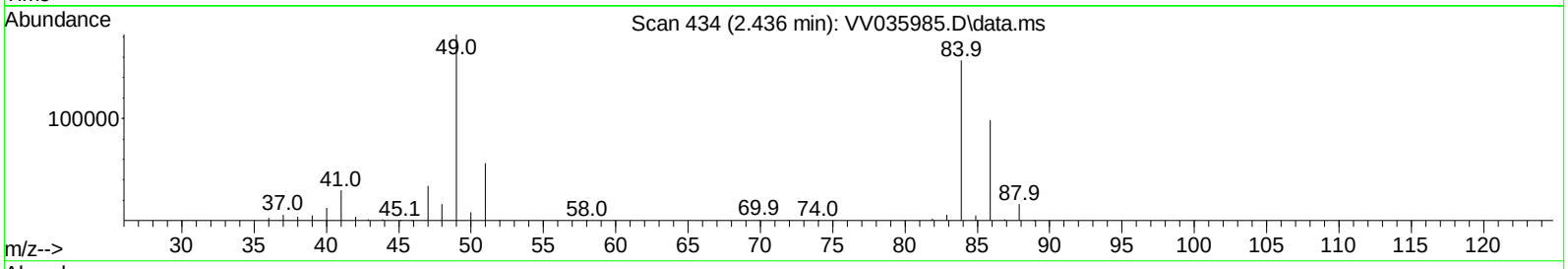
Quant Time: Jun 07 02:19:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 02:16:44 2024
Response via : Initial Calibration

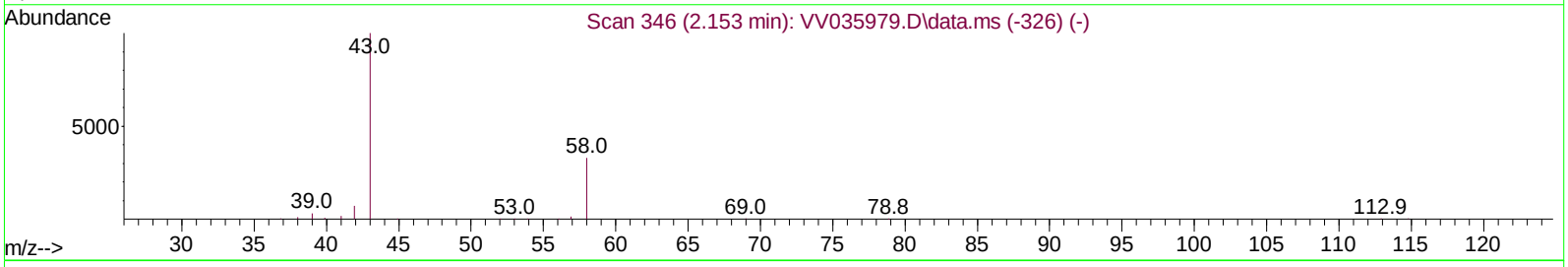
Instrument :
MSVOA_V
ClientSampleId :
A4DG9

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024







TIC: VV035985.D\data.ms

(13) Acetone (T)

2.436min (+ 0.283) 0.11 ug/L

response 374

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	20.59
0.00	0.00	0.00
0.00	0.00	0.00

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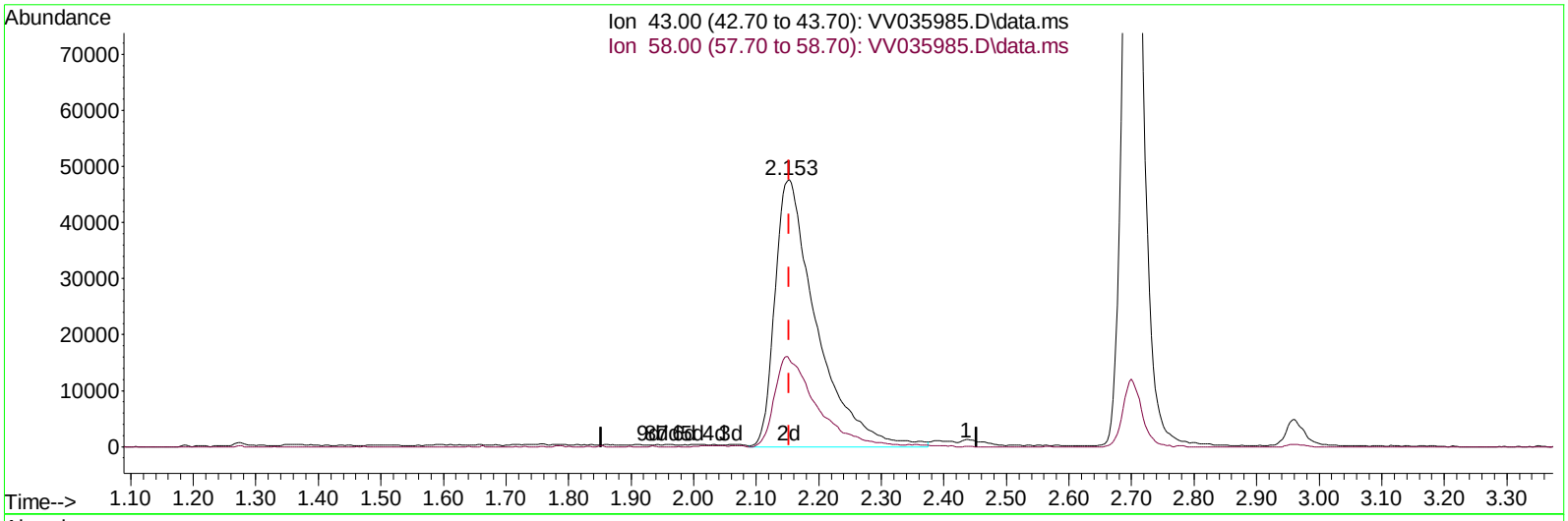

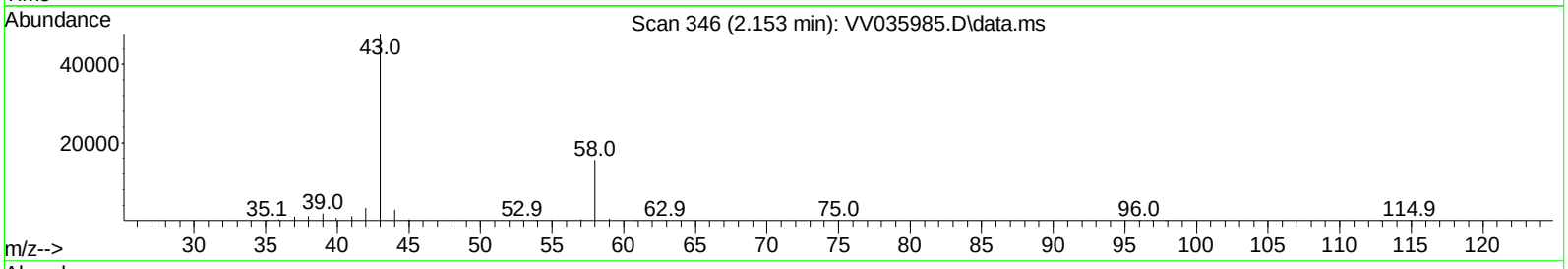

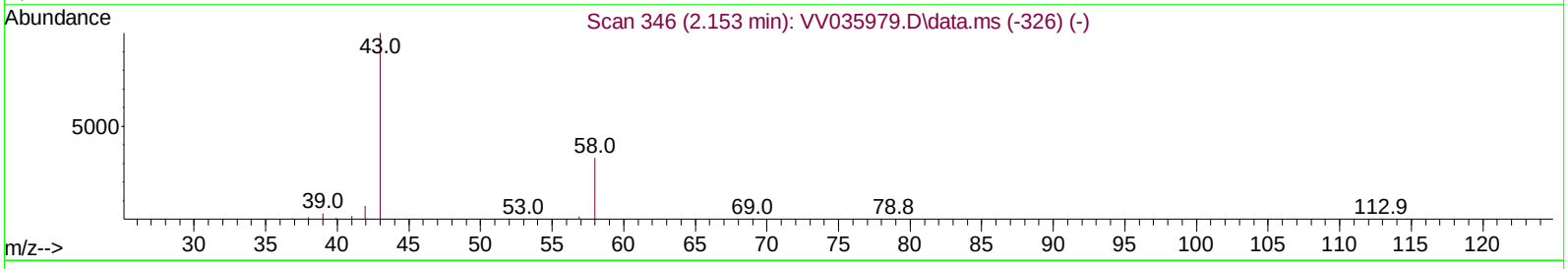

TIC: VV035985.D\data.ms

(13) Acetone (T)

2.153min (+ 0.000) 64.48 ug/L m

response 220510

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.03
0.00	0.00	0.00
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	5.529	114	520430	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	501848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	260176	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	178508	18.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.640%		
7) Chloroethane-d5	1.526	69	148653	19.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.920%		
11) 1,1-Dichloroethene-d2	2.050	65	82750	19.427	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.720%		
21) 2-Butanone-d5	3.857	46	96766	44.079	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.160%		
24) Chloroform-d	4.243	84	337574	20.403	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.600%		
26) 1,2-Dichloroethane-d4	4.941	65	176024	20.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.160%		
32) Benzene-d6	4.957	84	640028	21.455	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.840%		
36) 1,2-Dichloropropane-d6	5.985	67	204785	21.799	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.200%		
41) Toluene-d8	7.239	98	592888	22.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.120%		
43) trans-1,3-Dichloroprop...	7.551	79	84707	21.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.960%		
47) 2-Hexanone-d5	8.030	63	60867	47.822	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.640%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	152645	21.745	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.960%		
66) 1,2-Dichlorobenzene-d4	11.558	152	196497	20.595	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.060	96	323375	38.802	ug/L	89
13) Acetone	2.153	43	220510m	64.484	ug/L	
16) Methylene chloride	2.439	84	285389	24.234	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	690845	78.037	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	1704954	85.787	ug/L	100
19) 1,1-Dichloroethane	3.105	63	399461	23.694	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	382510	43.000	ug/L	99
22) 2-Butanone	3.889	43	535584	184.582	ug/L #	75
25) Chloroform	4.269	83	472981	27.273	ug/L	99
27) 1,2-Dichloroethane	5.034	62	697276	64.400	ug/L	100
33) Benzene	5.002	78	2752177	83.851	ug/L	100
34) Trichloroethene	5.828	95	931764	92.625	ug/L	100
37) 1,2-Dichloropropane	6.088	63	811065	94.108	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	622919	48.324	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	460611	98.370	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	460675	41.375	ug/L	97
46) Tetrachloroethene	7.902	164	168493	22.902	ug/L	98
49) Dibromochloromethane	8.172	129	316631	40.570	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.278	107	533496	77.969	ug/L	100
53) m,p-Xylene	9.069	106	1016670	75.404	ug/L	99
54) o-Xylene	9.474	106	875909	68.889	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	350767	54.934	ug/L	99
59) Bromoform	9.664	173	75993	15.488	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	462285	75.127	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	460564	26.274	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1178707	65.146	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	249640	24.180	ug/L	100

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

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