Quantitation Report (Qedit)

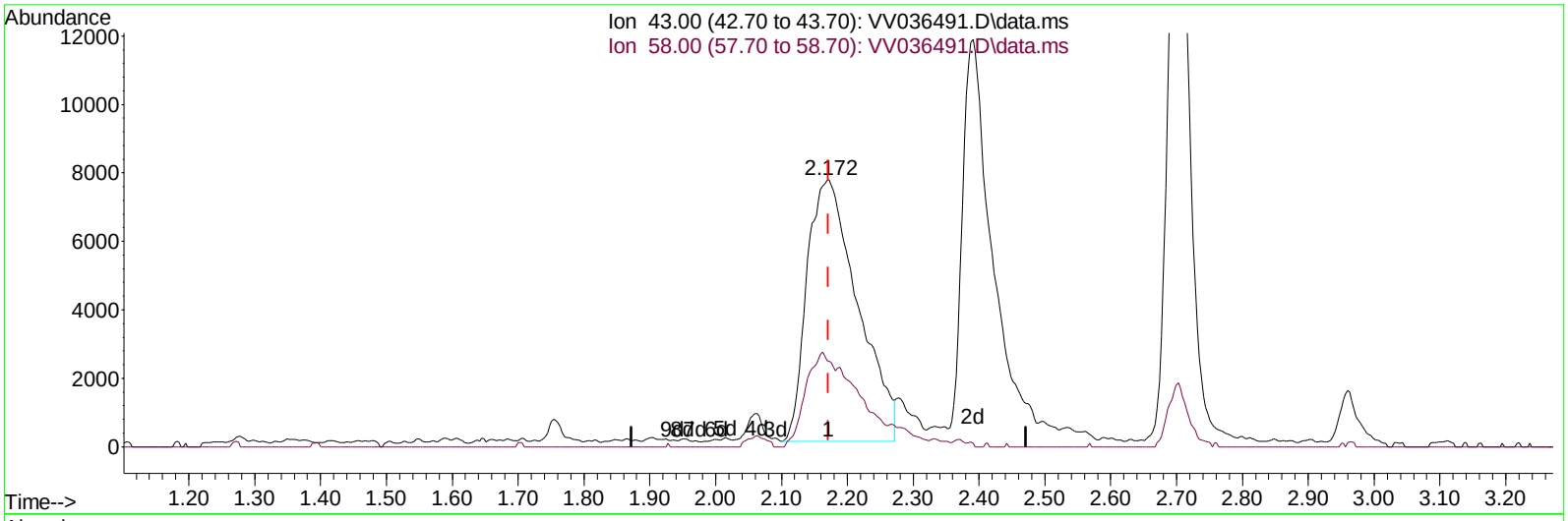
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036491.D
Acq On : 11 Jul 2024 11:13
Operator : SY/MD
Sample : VSTD02515
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

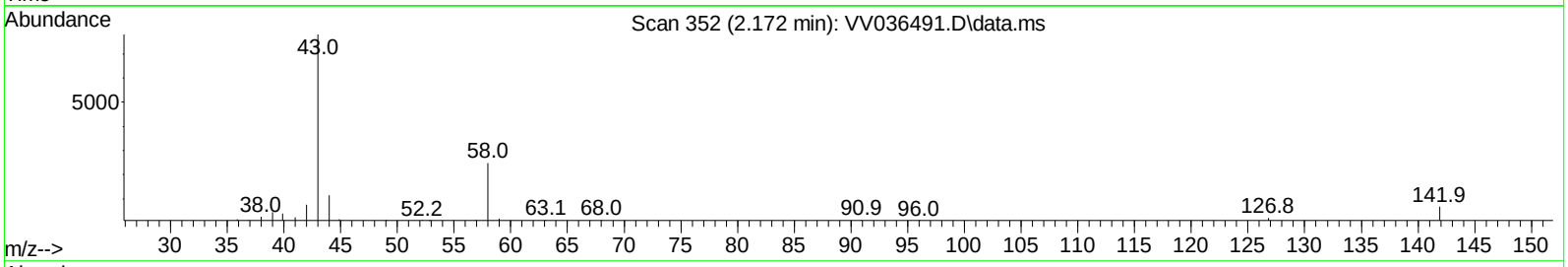
Quant Time: Jul 12 01:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

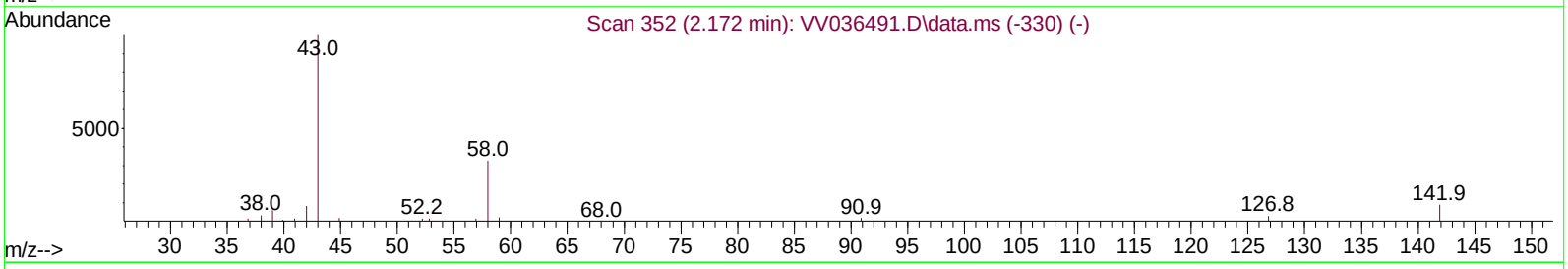
Instrument :
MSVOA_V
ClientSampleId :
VSTD025215

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036491.D\data.ms

(13) Acetone (T)

2.172min (0.000) 30.97 ug/L

response 40810

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	16.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
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MSVOA_V
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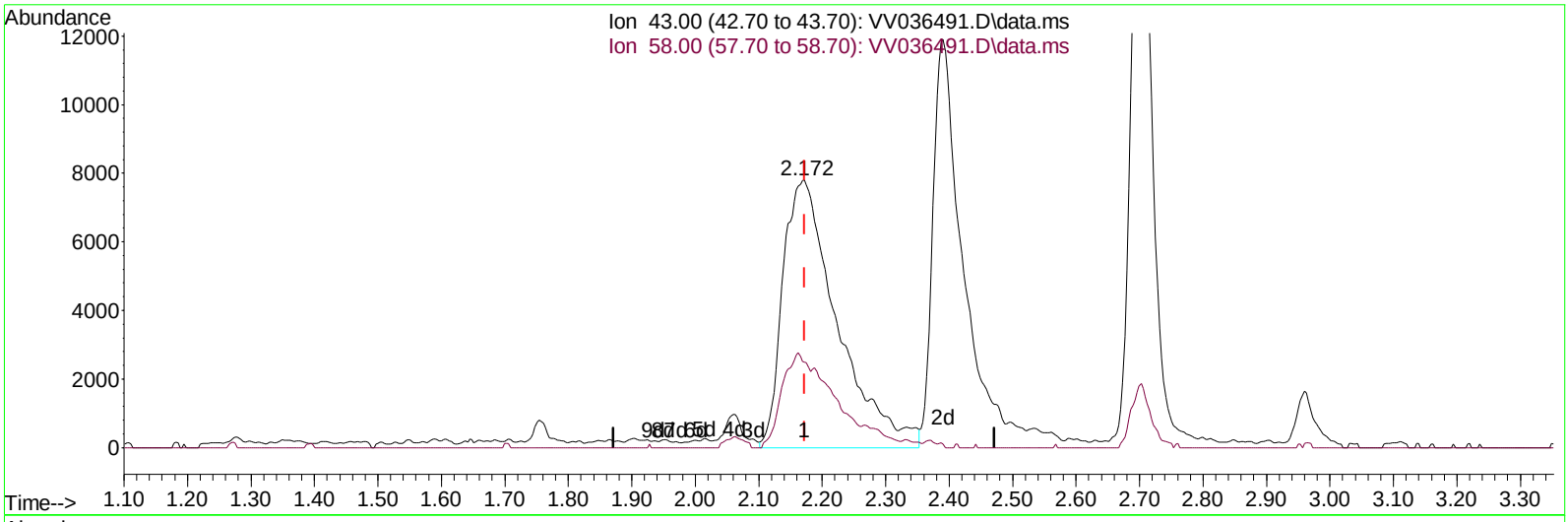

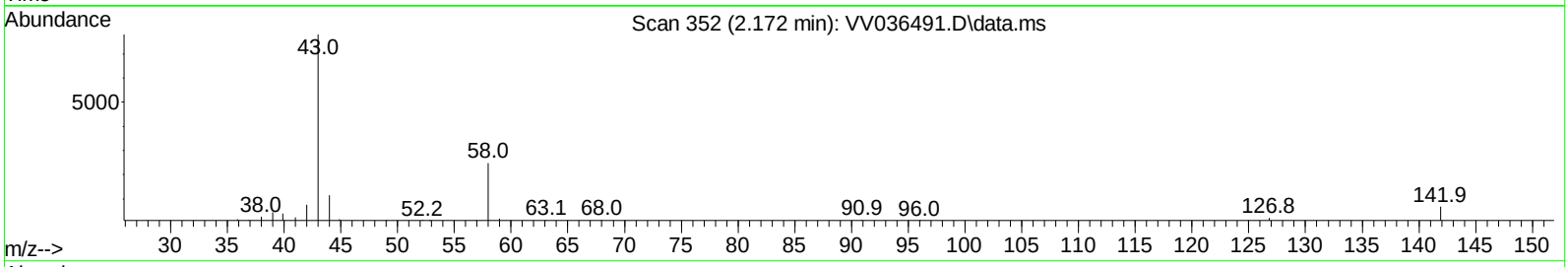

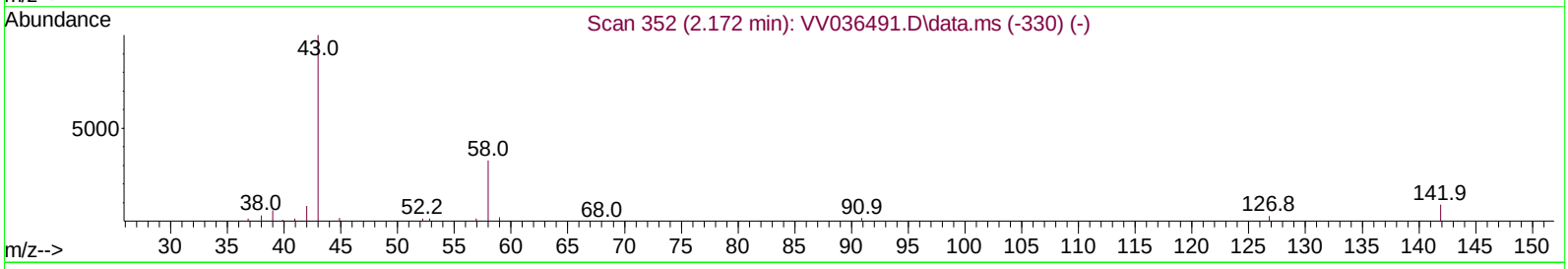

TIC: VV036491.D\data.ms

(13) Acetone (T)

2.172min (0.000) 35.19 ug/L m

response 46372

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	14.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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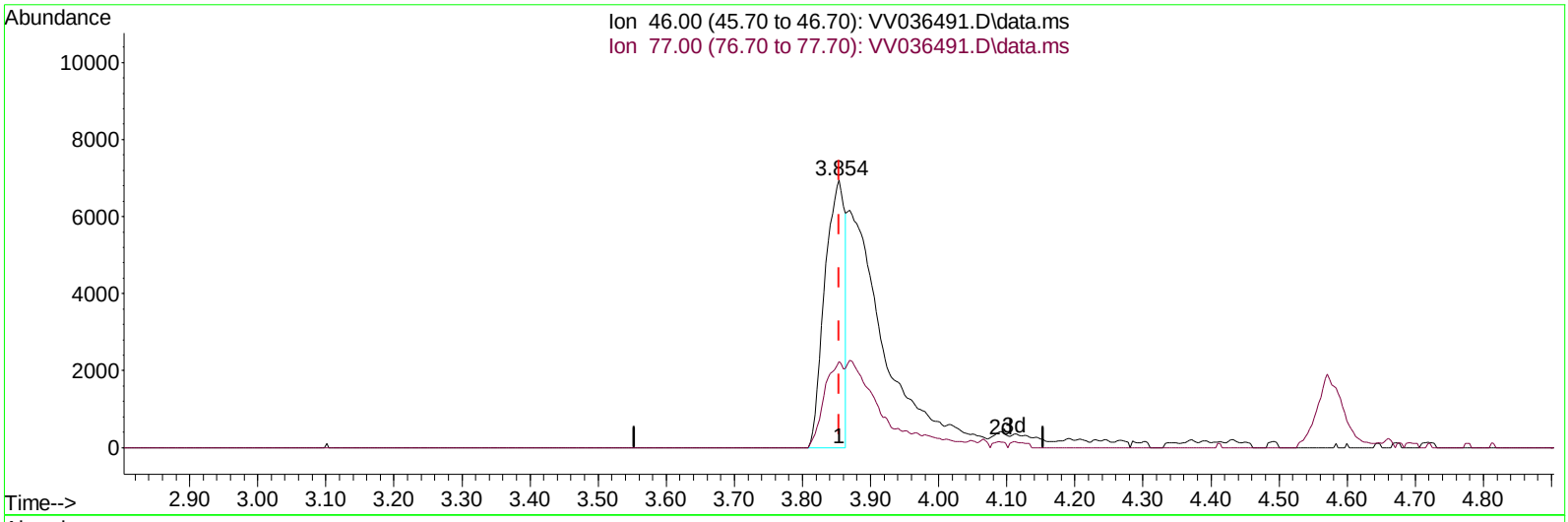

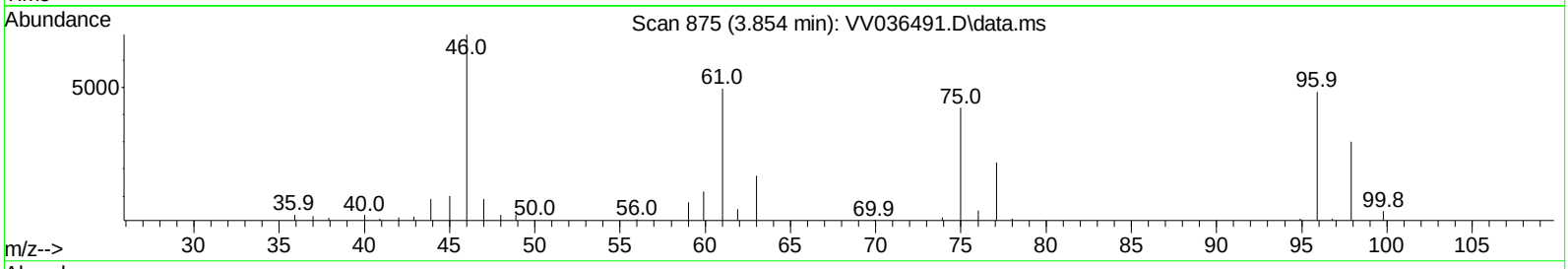

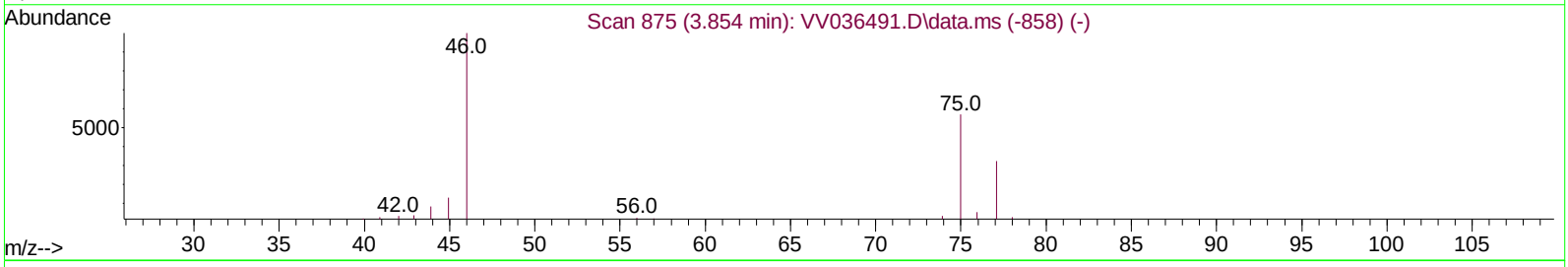

TIC: VV036491.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (0.000) 18.11 ug/L

response 14205

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	30.36#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV036491.D
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Operator : SY/MD
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 12 01:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
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Instrument :
MSVOA_V
ClientSampleId :
VSTD025215

Manual IntegrationsAPPROVED

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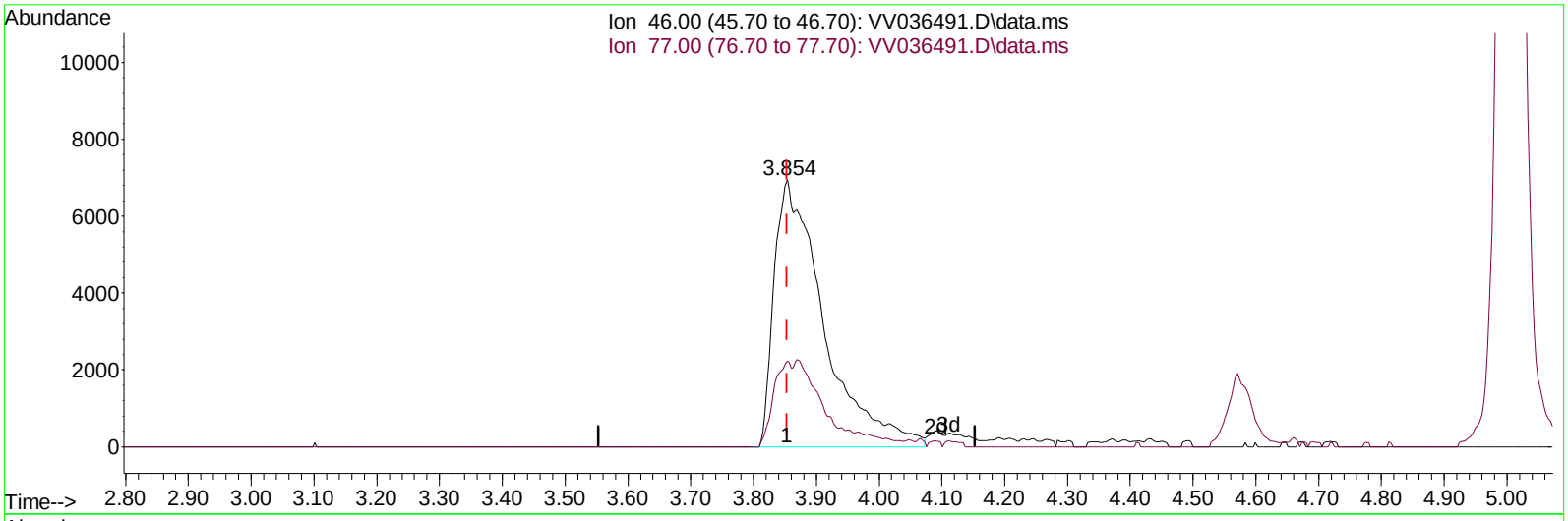

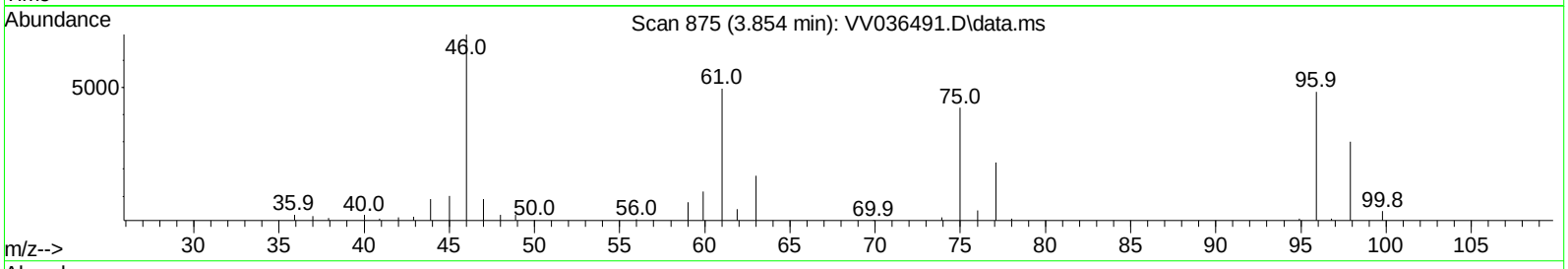

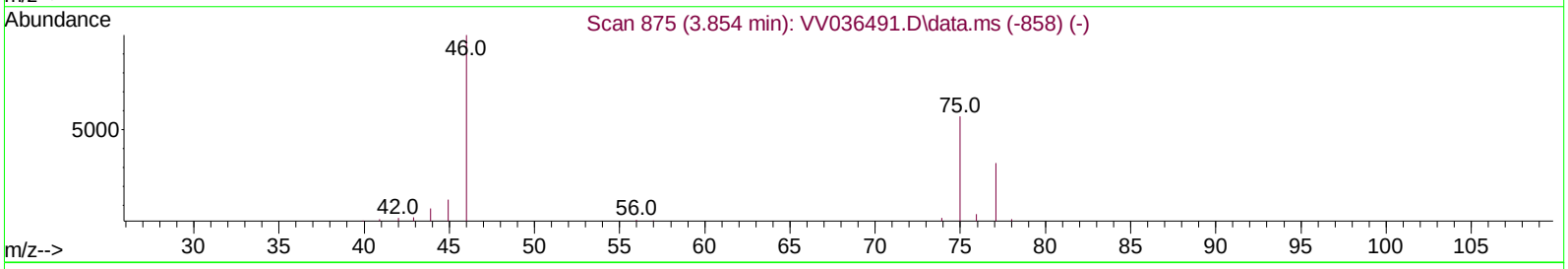

TIC: VV036491.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (0.000) 48.45 ug/L m

response 37991

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	11.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
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VSTD025215

Manual IntegrationsAPPROVED

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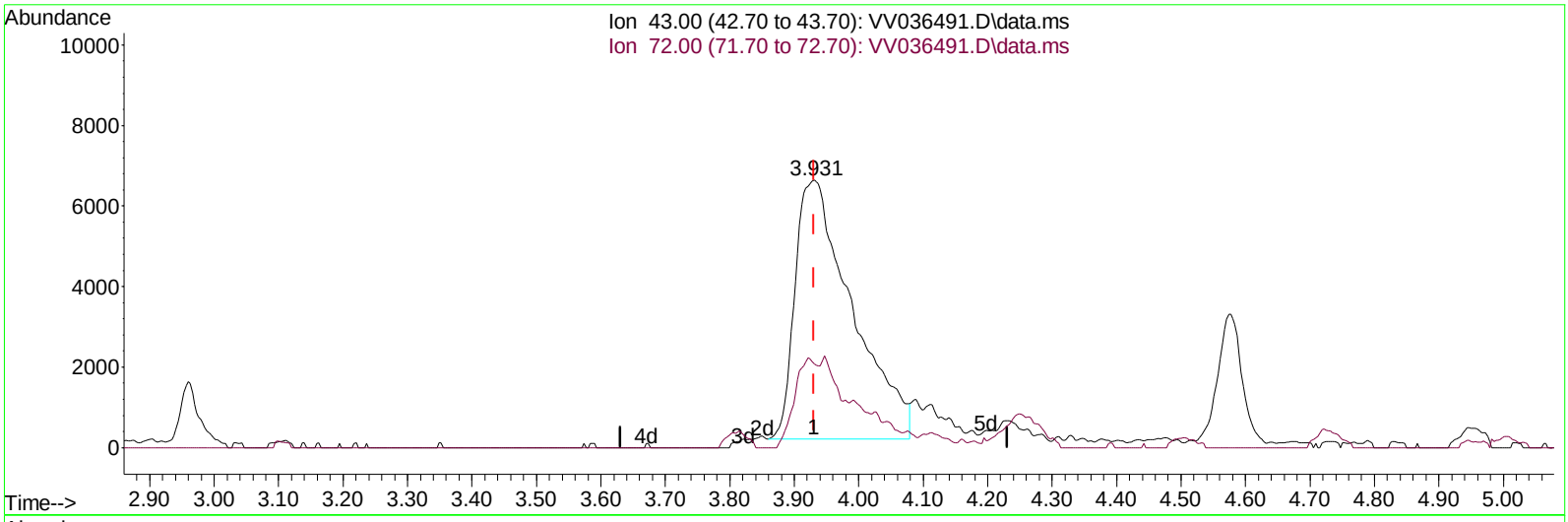

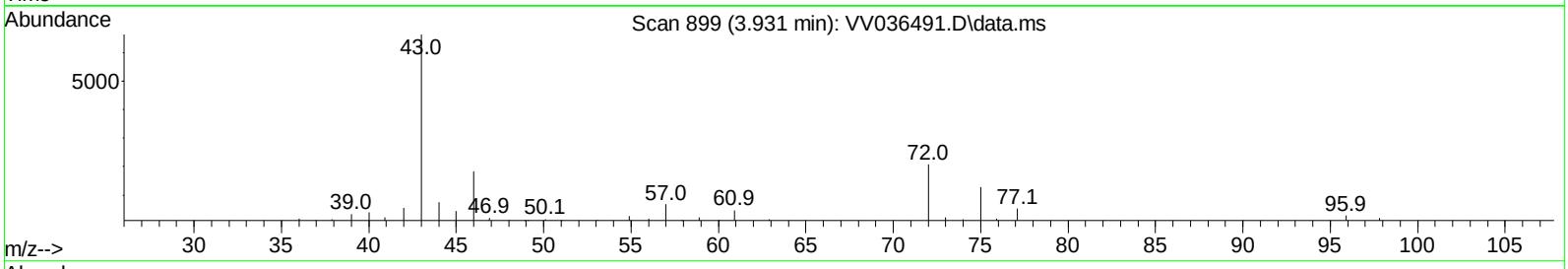

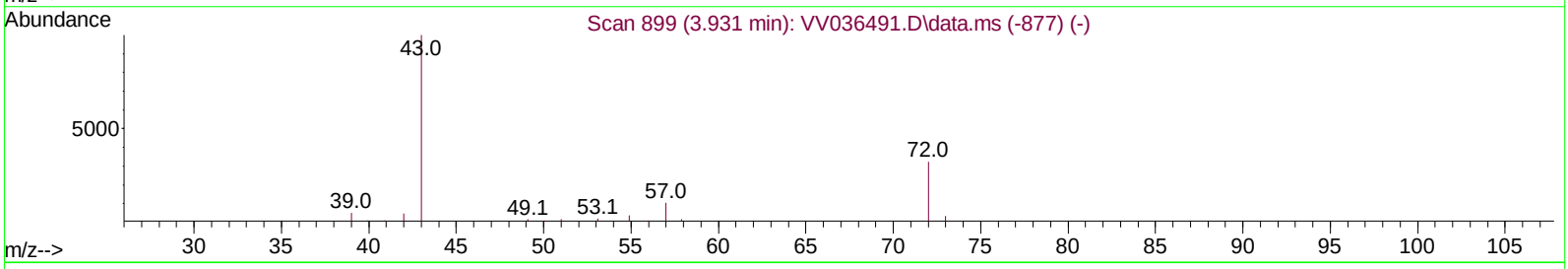

TIC: VV036491.D\data.ms

(22) 2-Butanone (T)

3.931min (0.000) 45.82 ug/L

response 39412

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	13.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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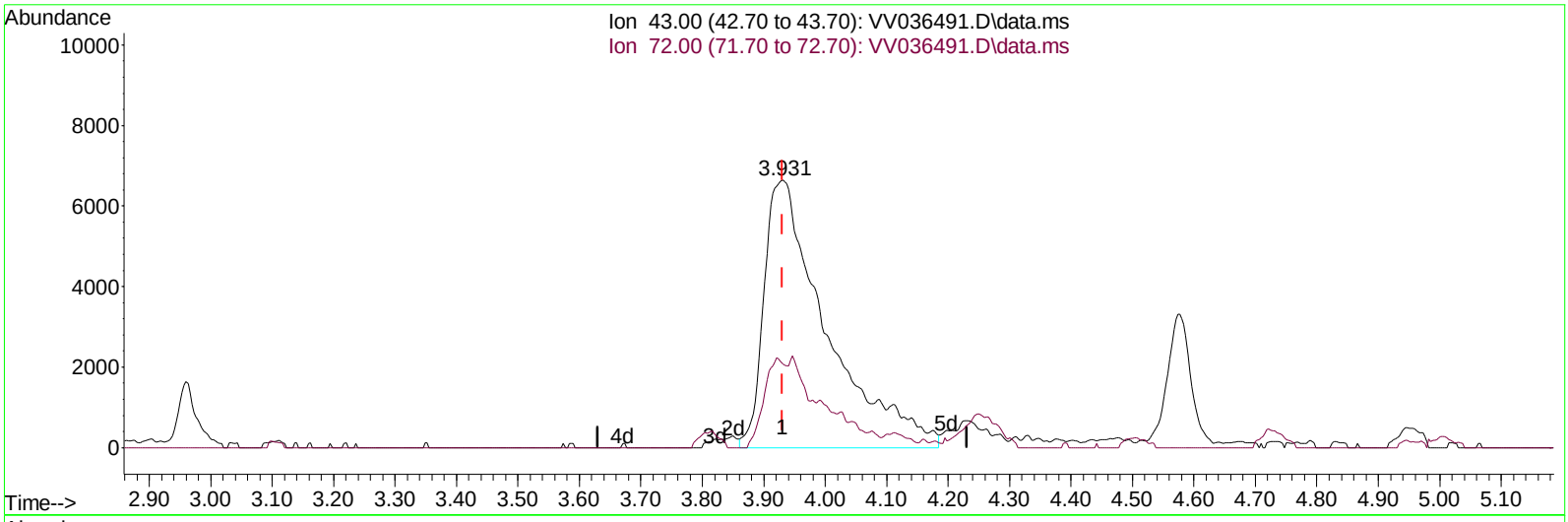
Operator : SY/MD
Sample : VSTD02515
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

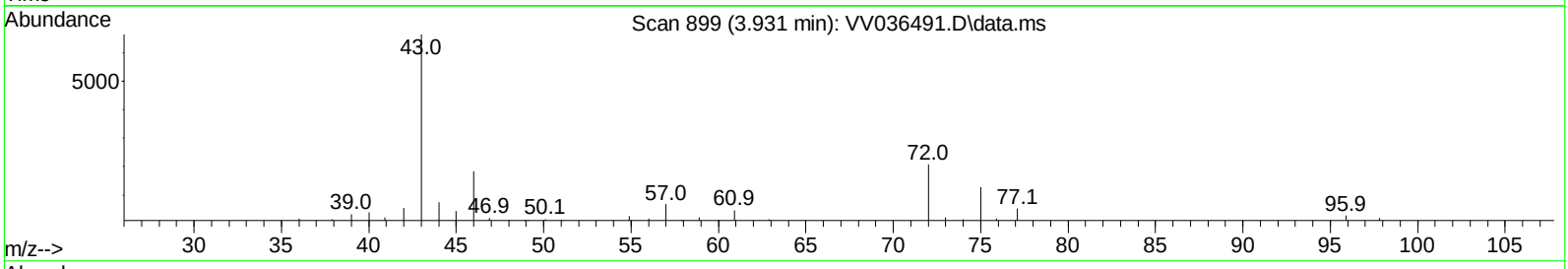
Quant Time: Jul 12 01:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

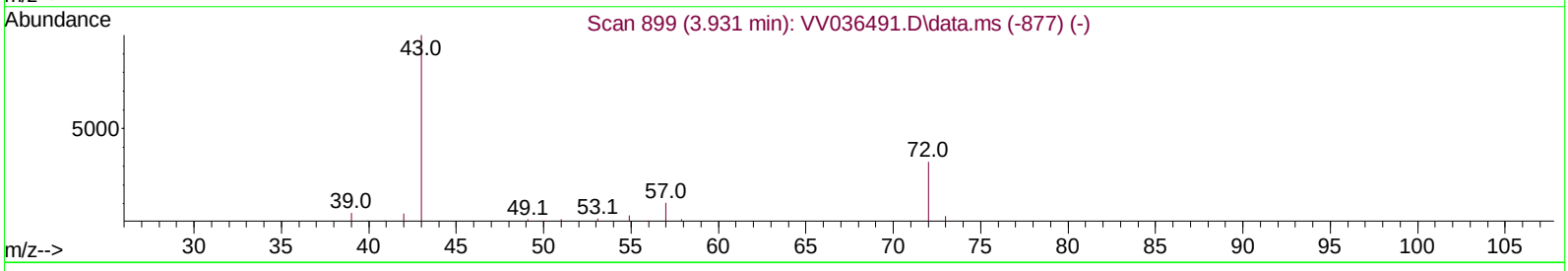
Instrument :
MSVOA_V
ClientSampleId :
VSTD025215

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036491.D\data.ms

(22) 2-Butanone (T)

3.931min (0.000) 54.49 ug/L m

response 46870

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	11.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036491.D
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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	319871	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333076	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	194167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	107834	23.530	ug/L	0.00
7) Chloroethane-d5	1.526	69	94935	23.694	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	54033	22.961	ug/L	0.00
21) 2-Butanone-d5	3.854	46	37991m	48.446	ug/L	0.00
24) Chloroform-d	4.243	84	215089	23.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	109269	23.662	ug/L	0.00
32) Benzene-d6	4.953	84	393447	23.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	113664	20.615	ug/L	0.00
41) Toluene-d8	7.239	98	381694	24.895	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	49535	24.058	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	25243	44.833	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	91810	22.013	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	145738	22.117	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.101	85	100932	21.772	ug/L	100
3) Chloromethane	1.211	50	77373	20.798	ug/L	100
5) Vinyl chloride	1.275	62	99939	21.832	ug/L	100
6) Bromomethane	1.481	94	79317	21.474	ug/L	100
8) Chloroethane	1.542	64	70298	22.197	ug/L	100
9) Trichlorofluoromethane	1.706	101	184185	22.669	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	126713	23.129	ug/L	100
12) 1,1-Dichloroethene	2.059	96	105475	22.321	ug/L	100
13) Acetone	2.172	43	46372m	35.190	ug/L	
14) Carbon disulfide	2.230	76	208890	19.689	ug/L	100
15) Methyl Acetate	2.391	43	33745	23.004	ug/L	100
16) Methylene chloride	2.439	84	147355	22.399	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	97315	22.662	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	233393	24.255	ug/L	100
19) 1,1-Dichloroethane	3.104	63	183787	23.645	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	104228	22.968	ug/L	100
22) 2-Butanone	3.931	43	46870m	54.486	ug/L	
23) Bromochloromethane	4.143	128	60279	23.779	ug/L	100
25) Chloroform	4.272	83	220961	23.941	ug/L	100
27) 1,2-Dichloroethane	5.037	62	130932	25.255	ug/L	100
29) Cyclohexane	4.574	56	97511	23.013	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	182841	23.614	ug/L	100
31) Carbon tetrachloride	4.728	117	160069	23.310	ug/L	100
33) Benzene	5.005	78	403417	24.475	ug/L	100
34) Trichloroethene	5.828	95	125567	23.940	ug/L	100
35) Methylcyclohexane	6.046	83	138673	23.166	ug/L	100
37) 1,2-Dichloropropane	6.088	63	103035	24.769	ug/L	100
38) Bromodichloromethane	6.429	83	159343	24.175	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	156866	24.454	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	97116	54.047	ug/L	100
42) Toluene	7.310	91	454035	25.996	ug/L	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.577	75	144690	25.298	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	101356	24.726	ug/L	100
46) Tetrachloroethene	7.902	164	99320	23.419	ug/L	100
48) 2-Hexanone	8.082	43	65444	46.454	ug/L	100
49) Dibromochloromethane	8.172	129	120875	24.386	ug/L	100
50) 1,2-Dibromoethane	8.281	107	94970	24.687	ug/L	100
51) Chlorobenzene	8.812	112	315526	24.122	ug/L	100
52) Ethylbenzene	8.943	91	472049	25.196	ug/L	100
53) m,p-Xylene	9.069	106	190890	26.464	ug/L	100
54) o-Xylene	9.477	106	176560	25.709	ug/L	100
55) Styrene	9.493	104	342109	28.034	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	88918	23.755	ug/L	100
59) Bromoform	9.664	173	81211	23.599	ug/L	100
60) Isopropylbenzene	9.863	105	485846	25.047	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	81481	23.586	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	346921	24.974	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	389717	25.783	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	278264	24.266	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	291740	23.693	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	269132	24.423	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17824	23.847	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	210072	23.659	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	170797	24.186	ug/L	100
71) Naphthalene	13.435	128	248528	23.433	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	170716	25.552	ug/L	100

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

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