

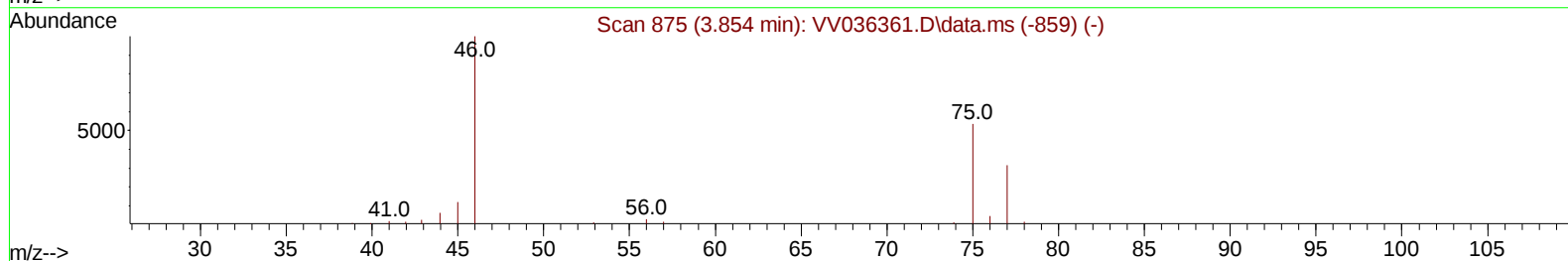
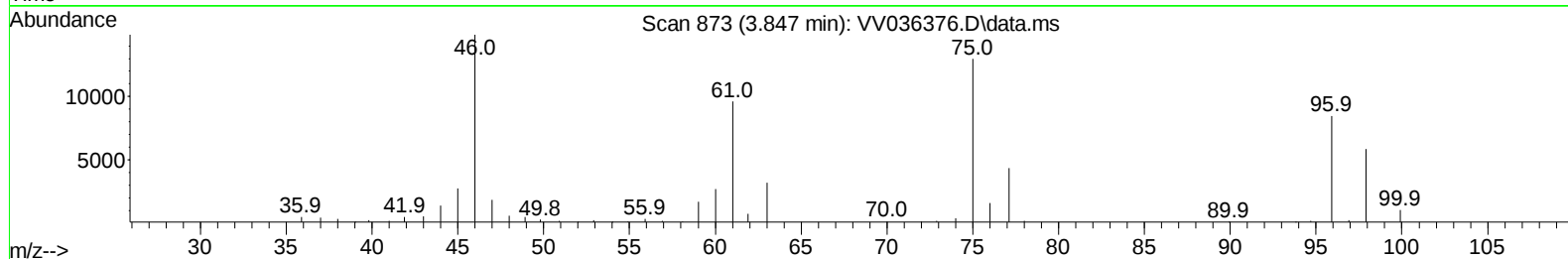
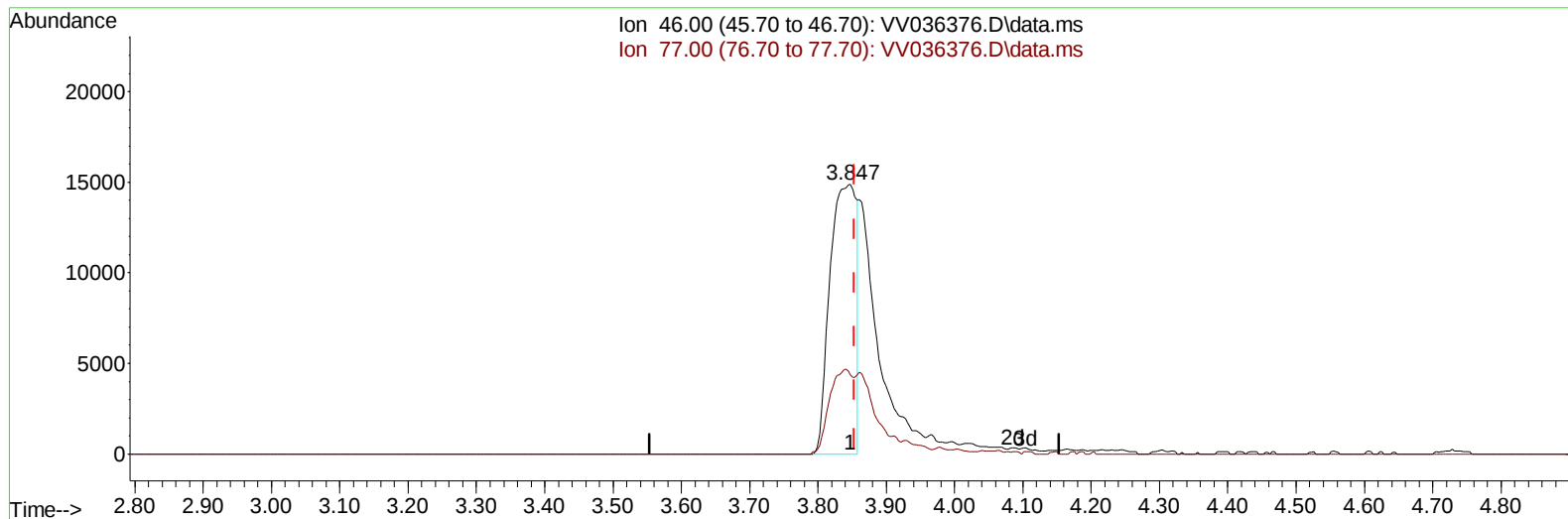
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036376.D
Acq On : 01 Jul 2024 15:25
Operator : SY/MD
Sample : P3087-25
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4DH1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 02:38:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 02:29:42 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



TIC: VV036376.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (-0.006) 34.02 ug/L

response 39446

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	27.01
0.00	0.00	0.00
0.00	0.00	0.00

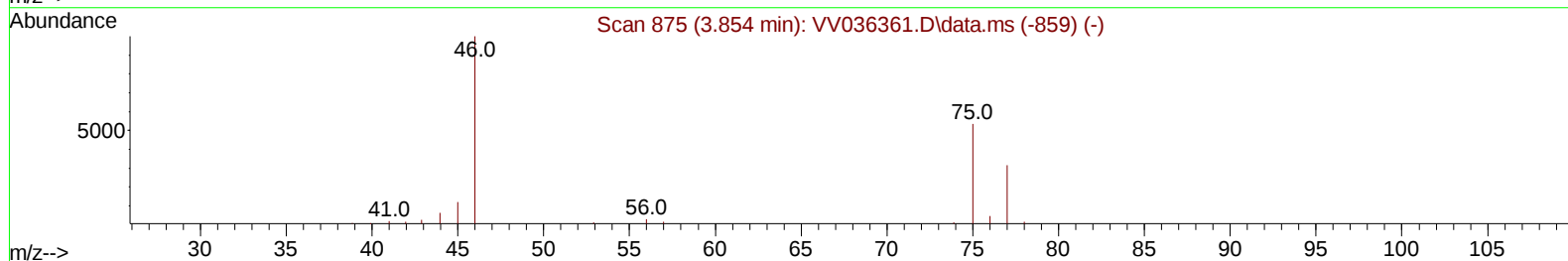
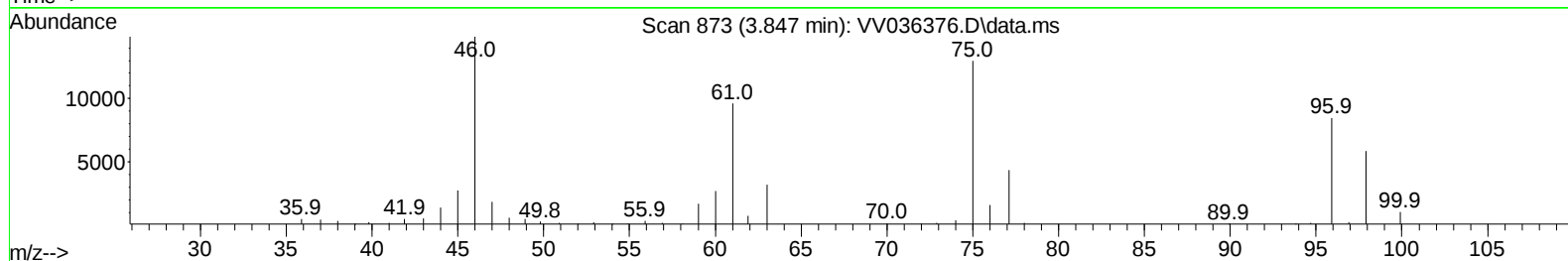
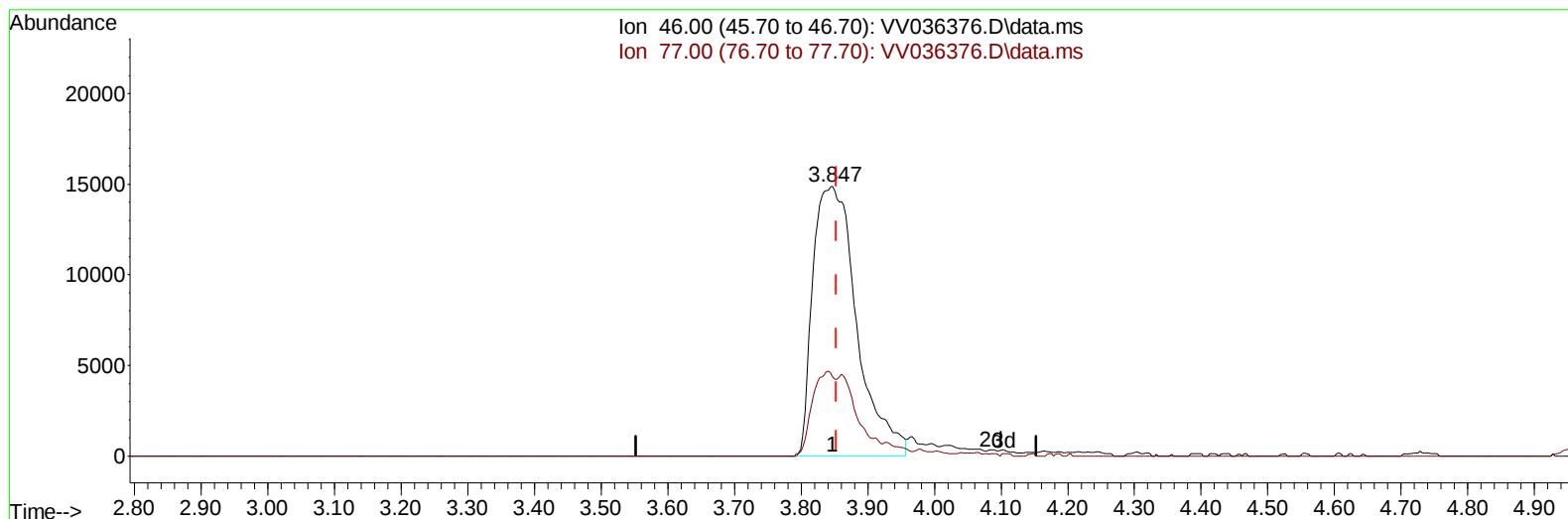
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(21) 2-Butanone-d5 (S)

3.847min (-0.006) 58.57 ug/L m

response 67910

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	15.69#
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	294169	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	173758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	104719	20.961	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	83.840%		
7) Chloroethane-d5	1.526	69	88434	22.162	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	88.640%		
11) 1,1-Dichloroethene-d2	2.050	65	50230	21.387	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery =	85.560%		
21) 2-Butanone-d5	3.847	46	67910m	58.569	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	117.140%		
24) Chloroform-d	4.243	84	195927	22.564	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery =	90.240%		
26) 1,2-Dichloroethane-d4	4.937	65	116125	25.078	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery =	100.320%		
32) Benzene-d6	4.953	84	366646	20.651	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	5.986	67	123876	23.196	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery =	92.800%		
41) Toluene-d8	7.240	98	355546	22.210	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery =	88.840%		
43) trans-1,3-Dichloroprop...	7.551	79	52253	21.911	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery =	87.640%		
47) 2-Hexanone-d5	8.031	63	46204	54.201	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	108.400%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110254	25.186	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery =	100.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	131302	20.736	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery =	82.960%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.060	96	529185	114.206	ug/L #	69
13) Acetone	2.153	43	329593	210.400	ug/L #	64
16) Methylene chloride	2.439	84	285899	49.367	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	129786	28.211	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	248210	23.177	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	155963	33.706	ug/L	98
22) 2-Butanone	3.899	43	216926	164.230	ug/L	93
27) 1,2-Dichloroethane	5.037	62	255774	45.275	ug/L	99
31) Carbon tetrachloride	4.725	117	543574	78.229	ug/L	99
33) Benzene	5.002	78	1066478	57.249	ug/L	100
34) Trichloroethene	5.825	95	535605	91.112	ug/L	99
37) 1,2-Dichloropropane	6.088	63	264057	55.502	ug/L	98
38) Bromodichloromethane	6.426	83	412519	63.395	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	447831	61.214	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	737639	274.912	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	263941	40.112	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	220366	52.403	ug/L	99
46) Tetrachloroethene	7.902	164	231345	54.150	ug/L	99

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

48) 2-Hexanone	8.076	43		303187	143.654	ug/L	99
49) Dibromochloromethane	8.172	129		166645	35.549	ug/L	99
50) 1,2-Dibromoethane	8.281	107		88961	21.474	ug/L	97
52) Ethylbenzene	8.940	91		2015177	95.867	ug/L	100
53) m,p-Xylene	9.069	106		675862	86.270	ug/L	99
54) o-Xylene	9.477	106		68426	9.288	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.175	83		89187	23.697	ug/L	98
59) Bromoform	9.661	173		187217	56.920	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75		318719	81.280	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146		770256	70.377	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146		317630	27.074	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146		898301	85.973	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75		28446	32.335	ug/L	90

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

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