

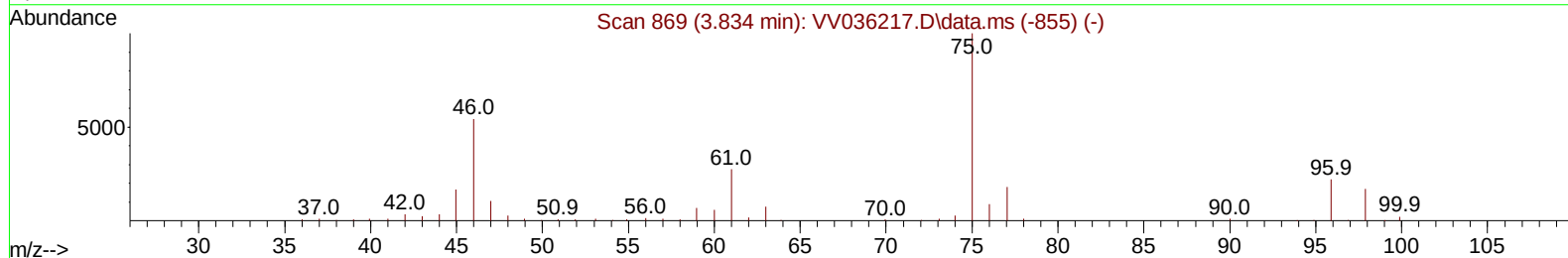
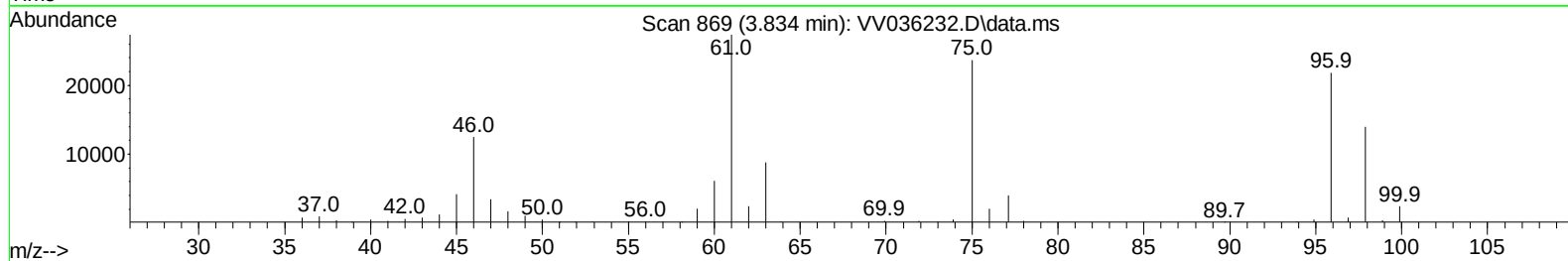
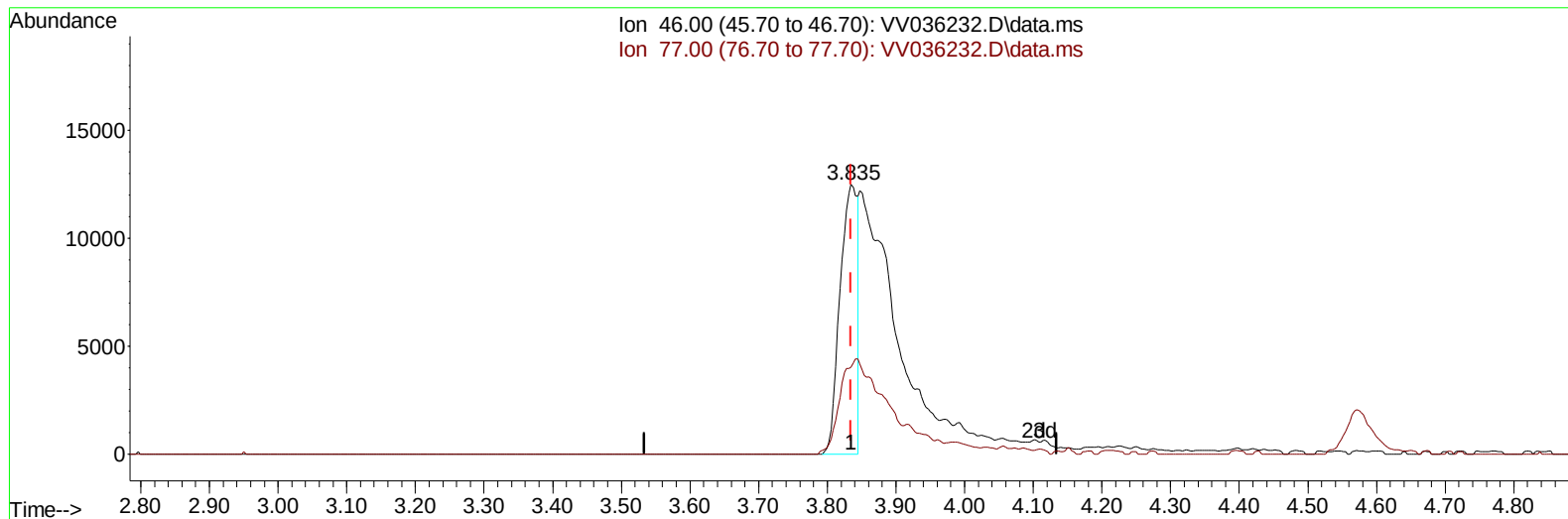
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036232.D
Acq On : 22 Jun 2024 02:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Jun 22 03:04:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 02:57:23 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



TIC: VV036232.D\data.ms

(21) 2-Butanone-d5 (S)

3.834min (+ 0.000) 17.64 ug/L

response 21900

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	84.65#
0.00	0.00	0.00
0.00	0.00	0.00

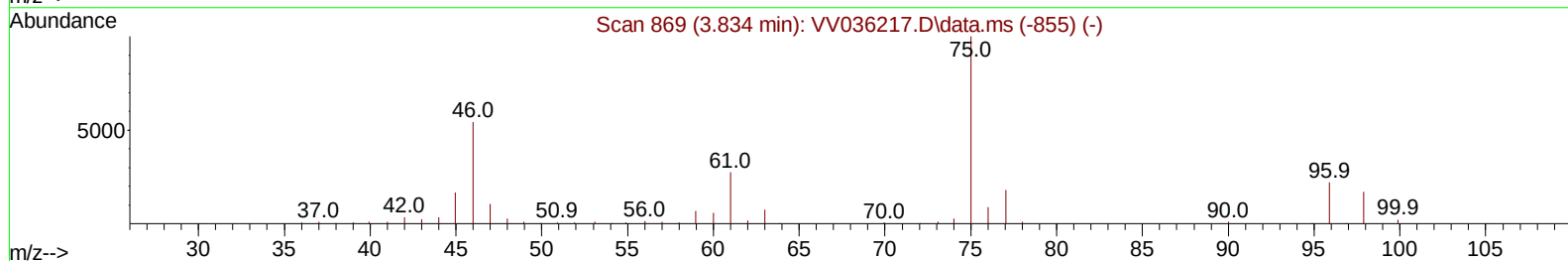
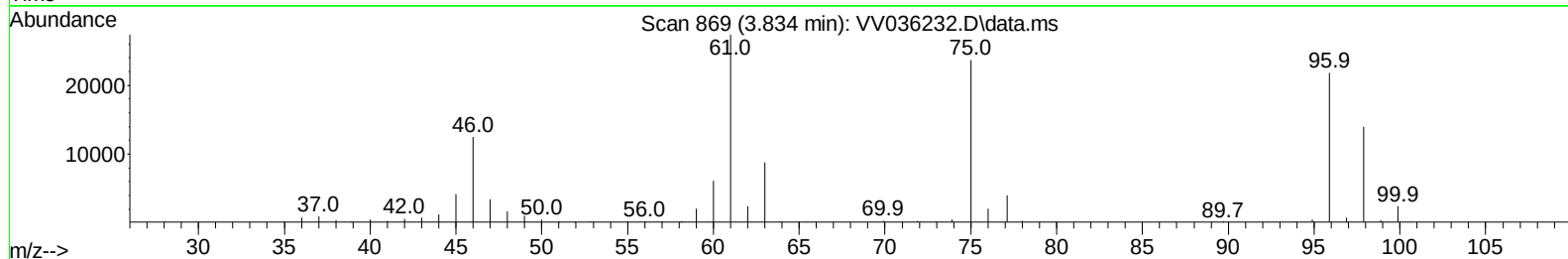
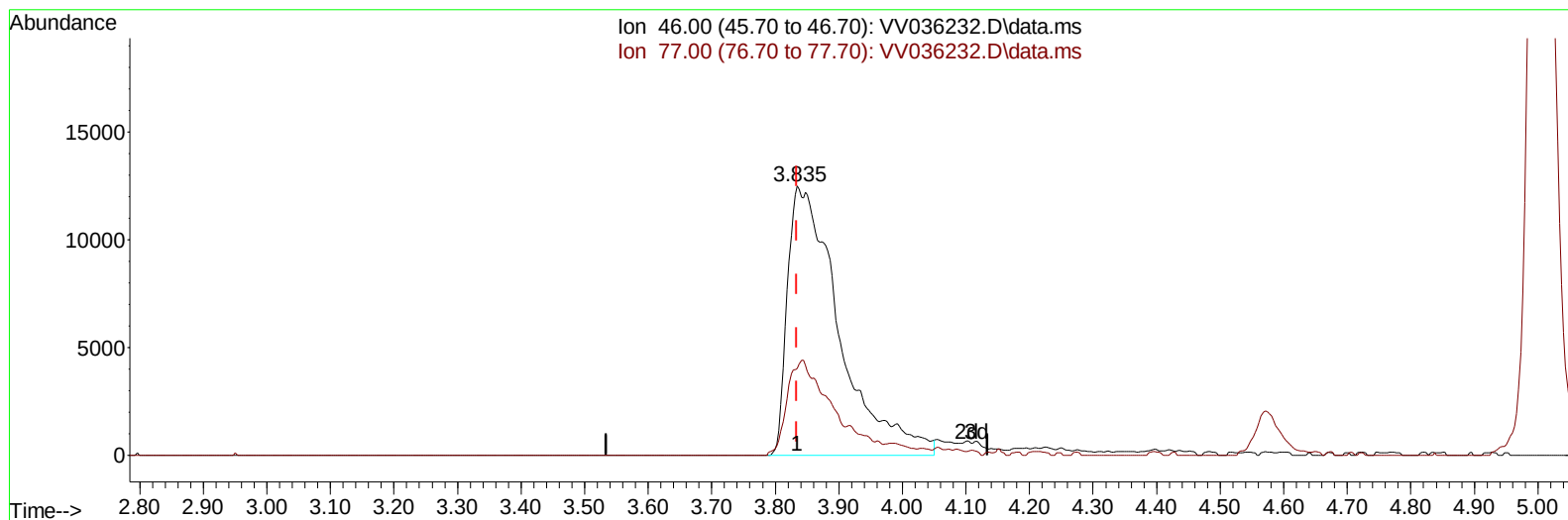
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TIC: VV036232.D\data.ms

(21) 2-Butanone-d5 (S)

3.834min (+ 0.000) 56.76 ug/L m

response 70478

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	26.30#
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	5.532	114	294380	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	300701	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	96322	17.797	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	71.200%	
7) Chloroethane-d5	1.526	69	89885	20.829	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	83.320%	
11) 1,1-Dichloroethene-d2	2.050	65	43438	18.029	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	72.120%	
21) 2-Butanone-d5	3.834	46	70478m	56.757	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	113.520%	
24) Chloroform-d	4.243	84	226110	24.160	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	96.640%	
26) 1,2-Dichloroethane-d4	4.937	65	126939	25.869	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.480%	
32) Benzene-d6	4.953	84	414908	23.212	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	92.840%	
36) 1,2-Dichloropropane-d6	5.986	67	134425	23.881	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	95.520%	
41) Toluene-d8	7.240	98	375046	23.780	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	95.120%	
43) trans-1,3-Dichloroprop...	7.551	79	54902	23.788	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	95.160%	
47) 2-Hexanone-d5	8.030	63	46656	61.178	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	122.360%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	121019	28.771	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	115.080%	
66) 1,2-Dichlorobenzene-d4	11.558	152	141876	23.512	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	94.040%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	107299	20.215	ug/L	99
3) Chloromethane	1.208	50	131698	21.620	ug/L	99
5) Vinyl chloride	1.275	62	149169	23.261	ug/L	100
6) Bromomethane	1.481	94	107197	26.945	ug/L	100
8) Chloroethane	1.542	64	102202	25.639	ug/L	97
9) Trichlorofluoromethane	1.706	101	202388	25.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	127443	25.214	ug/L	98
12) 1,1-Dichloroethene	2.060	96	118269	25.089	ug/L	88
13) Acetone	2.163	43	57573	29.764	ug/L	93
14) Carbon disulfide	2.230	76	383186	23.408	ug/L	100
15) Methyl Acetate	2.388	43	65978	27.442	ug/L	93
16) Methylene chloride	2.439	84	203264	30.515	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	131561	26.272	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	364128	32.390	ug/L	100
19) 1,1-Dichloroethane	3.105	63	260161	27.281	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	141940	28.209	ug/L	98
22) 2-Butanone	3.908	43	61529	37.488	ug/L	85
23) Bromochloromethane	4.143	128	76434	30.283	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.269	83	275744	28.109	ug/L	99
27) 1,2-Dichloroethane	5.037	62	191791	31.316	ug/L	99
29) Cyclohexane	4.574	56	164365	22.957	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	210433	25.598	ug/L	98
31) Carbon tetrachloride	4.728	117	180912	25.085	ug/L	100
33) Benzene	5.005	78	550912	28.012	ug/L	100
34) Trichloroethene	5.828	95	165296	27.423	ug/L	99
35) Methylcyclohexane	6.047	83	198568	23.822	ug/L	98
37) 1,2-Dichloropropane	6.088	63	154786	29.974	ug/L	99
38) Bromodichloromethane	6.429	83	203600	29.787	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	214710	27.799	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	180903	64.478	ug/L	96
42) Toluene	7.310	91	581381	28.930	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	193774	29.045	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	130303	30.496	ug/L	99
46) Tetrachloroethene	7.902	164	106804	24.228	ug/L	98
48) 2-Hexanone	8.079	43	119800	54.618	ug/L	95
49) Dibromochloromethane	8.172	129	144501	30.900	ug/L	98
50) 1,2-Dibromoethane	8.281	107	129619	31.615	ug/L	100
51) Chlorobenzene	8.812	112	383884	28.036	ug/L	98
52) Ethylbenzene	8.944	91	600357	27.923	ug/L	100
53) m,p-Xylene	9.069	106	229619	28.422	ug/L	100
54) o-Xylene	9.477	106	222066	29.148	ug/L	96
55) Styrene	9.493	104	418766	31.170	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	124530	32.548	ug/L	99
59) Bromoform	9.664	173	96539	31.110	ug/L	99
60) Isopropylbenzene	9.863	105	572333	27.111	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	122978	31.600	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	421695	27.547	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	473960	28.736	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	305655	27.570	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	314678	27.499	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295867	28.360	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	27160	31.210	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	206656	24.920	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	162520	24.890	ug/L	99
71) Naphthalene	13.435	128	378482	35.518	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	167440	28.101	ug/L	99

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

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